

Nueces BBEST River/Stream Environmental Flow Regime Recommendation Locations (Preliminary Draft, 7/23/2010)

Reference Data Summary

Select	River Basin	USGS Streamflow Gage Name	USGS#	USGS Core Gage	First Full Year of Record	Drainage Area (sq mi)	WAM Primary Control Point	WAM Unappr. Water Availability (% time)	Potential Reservoir Site	Regional Water Plan Reference	TPWD Ecologically Significant Segment	TCEQ Stream Segment	TCEQ 2010 DRAFT 303(d) List*	TCEQ Aquatic Life Uses
	Nueces	Nueces River, Laguna	08190000		1924	737	Yes	0 - 25	Yes	No	Yes	2112		High
	Nueces	West Nueces River, Brackettville	08190500		1940	694	Yes	0 - 25	No	No	Yes			
	Nueces	Nueces River, Uvalde	08192000		1940	1861	Yes	0 - 25	Yes	Yes	No	2112		High
	Nueces	Nueces River, Cotulla	08194000		1927	5171	Yes	0 - 25	Yes	Yes	No	2105		High
	Nueces	San Casimiro Creek, Freer	08194200		1962	469	No	0 - 25	No	No	No			
	Nueces	Nueces River, Tilden	08194500		1943	8093	Yes	0 - 25	No	No	No	2104	IMC, IFC	High
	Nueces	Frio River, Concan	08195000		1924	389	Yes	0 - 25	Yes	No	Yes	2113	IMC, IFC	Exceptional
	Nueces	Sabinal River, Sabinal	08198000		1943	206	Yes	0 - 25	Yes	No	Yes	2111		High
	Nueces	Hondo Creek, Tarpley	08200000		1953	95.6	Yes	0 - 25	No	No	No	2114		High
	Nueces	Seco Creek, Utopia	08201500		1962	45.0	Yes	0 - 25	No	No	No	2115		High
	Nueces	Leona River, Uvalde	08204000		1939		Yes	0 - 25	No	Yes	No	2109	B	High
	Nueces	Frio River, Derby	08205500		1916	3,429	Yes	0 - 25	No	Yes	No	2117	B	High
	Nueces	San Miguel Creek, Tilden	08206700		1965	783	No	0 - 25	No	No	Yes	2108	B	High
	Nueces	Frio River, Calliham (Tilden) (Choke Canyon Reservoir)	08207000		1933	5,491	Yes	0 - 25	Existing	Yes	No	2116	DO	High
	Nueces	Atascosa River, Whitsett	08208000		1933	1,171	Yes	0 - 25	Yes	No	No	2107	B, DO, IMC	High
	Nueces	Nueces River, Three Rivers	08210000		1916	15,427	Yes	0 - 25	No	?	No	2106	TDS	High
	Nueces	Nueces River, Mathis (Lake Corpus Christi)	08211000		1940	16,503	Yes	0 - 25	Existing	Yes	Yes	2102		High
	Nueces - Rio Grande	Oso Creek, Corpus Christi	08211520		1973	90.3	?	0 - 25	No	No	No			
	Nueces - Rio Grande	San Fernando Creek, Alice	08211900		1965	507	?	0 - 25	?	No	No			
	Nueces - Rio Grande	Los Olmos Creek, Falfurrias	08212400		1967	480	?	0 - 25	?	No	No			

* IMC = Impaired macrobenthic community; IFC = Impaired fish community; B = Bacteria; DO = Dissolved Oxygen; TDS = Total Dissolved Solids

Province	Ecologically Significant Stream Segment	Criteria	Select	Notes	Gage	Gage Name	Regulated	Period of Record
Hill Country	Sabinal River	Biological function; Hydrologic function; Riparian conservation area; High water quality; T/E spp (pure Guadalupe bass)	Yes	Also has 2 endemic minnows	08198000	Sabinal River nr Sabinal	No	1942-2010
	Nueces River	Biological function; Hydrologic function; High water quality; T/E spp (snowbell)	Yes	Has pure Guadalupe bass; also has 2 endemic minnows	08190000	Nueces River at Laguna	No	1923-2010
	Frio River	Biological function; Hydrologic function; Riparian conservation area; High water quality	Yes	Also has 2 endemic minnows	08195000	Frio River at Concan	No	1923-2010
	West Nueces River	Hydrologic function; T/E spp (pure Guadalupe bass, snowbells)	No	Not sure if Guadalupe bass really occur there; also has 2 endemic minnows; intermittent river	08190500	W Nueces River nr Bracketville	No	1939-2010
	West Verde Creek	Hydrologic function; Riparian conservation area	No	May also have 2 endemic minnows	08200977	Middle Verde Ck at SH173 nr Bandera	No	2006-2010
	Other HC tributaries	NA	No?	Include other tributaries key to Edwards Aquifer recharge?				
Brushland	San Miguel Creek	High water quality	Yes		08206700	San Miguel Ck nr Tilden	No	1964-2010
	Nueces River - HC to Frio River (braided reach)	NA	Yes?	Select one gage for the reach between the HC and Frio River?	08194000	Nueces River at Cotulla	No	1926-2010
	Nueces River - Frio River to Lake CC	T/E spp (golden orb mussel)	Yes		08210000	Nueces River nr Three Rivers	Yes	1915-2010
	Frio River - HC down to Choke Canyon	NA	No?	Select one gage between HC and Choke Canyon?				
	Frio River - below Choke Canyon	NA	Yes	Select gage below Choke Canyon Reservoir	08206910	Choke Canyon Res OWC nr Three Rivers	Yes	1991-2010
	Los Olinos Creek (not ESSS)	NA	No?	Intermittent, sand sheet stream	08212400	Los Omos Ck nr Falfurnias	No	1967-2010
Coastal Plain	Nueces River - Lake CC down to Calallen salt barrier	Biological function; Riparian conservation area; High water quality	Yes		08211000	Nueces River nr Mathis	Yes	1939-2010
	Nueces River - Calallen salt barrier down to bay	T/E spp (diamondback terrapin); Biological function; High water quality	Yes		08211500	Nueces River at Calallen	Yes	1989-2010

