

Date Placed in
Operation: May '59

Drainage Area in
Sq. Mi.: 454

ROUGH RIVER LAKE

FREQUENCY OF EXCEEDENCE*	ELEVATION M.S.L.	FACILITIES
	554	TOP OF DAM
16 Yr.	524	FLOOD POOL - SPILLWAY
10 Yr.	521.08	Water enters WB-2, Axtel
	517.47	Water over drinking fountain, Cave Creek
5 Yr.	515	Water over Access Road part of Area A, North Fork (6 sites closed)
	514.5	Water over Access Road Part to Nick's Boat Dock, parking lot, shelter, 1 water fountain, and 1 restroom
	514.31	Water over Lift Station, Axtel by WB-2
4 Yr.	514	Water over Access Road, Area F, G, H, I; closes 52 sites, Axtel
	513.7	Water enters WB-3, Axtel
	511.77	Water over ramp turnaround, Cave Creek
	507.7	Water over State Hwy. 110; closes Areas C, D and E, Laurel Branch (47 sites closed), 4 pit toilets, 3 water fountains
	507.4	North Fork park closed due to water back-up in Wastewater Treatment Plant
	506	Water over Access Road to Part of Areas G, North Fork; closes 8 sites
2 Yr.	505.5	Water over Access Road to Areas B, C, D, E, Axtel (closes 79 sites, 2 restrooms (WB-2 and WB-3), 2 lift stations, 3 water fountains)
	505	Water over Access Road to Area E, Axtel (closes 46 sites, 1 restroom WB-3), 2 water fountains, and 1 lift station)
	504.5	Water over part of Area B, Axtel (6 sites closed), and Access Road, Area F, Axtel (16 sites closed)
	504	Water over part of Area C, Axtel (8 sites closed)
	503	Water over part of Area E, Axtel (10 sites closed)

ROUGH RIVER LAKE (cont.)

	502.5	Water over Access Road, part of Area C, Laurel Branch (4 sites closed)
	501	State Park Dock - Dock entrance under water; guests must access by boat or extended walkways
1 Yr.	498.04	Beach at North Fork closed (buoys begin to go under water; not safe for swimming)
	496.53	Water over part of Area E, Axtel (5 sites closed)
	496	Bulkhead stored
	495	SUMMER POOL
		Above seasonal pool elevation, flood pools begin to damage trees and vegetation and campsite-bordering ties
	490	Everleigh Ramp - no boats can launch State Park Marina - All overnite rental slips, tool and motor building and rental boat slips need moving across bay to winter storage All 10 Private Ramps - Water is below launching level
	487	State Park Marina - Must move main dock across bay to winter storage
	484	State Park Marina - Houseboat slips must be moved to winter storage
	480	Leitchfield Waterworks - Gravity flow into water intake ceases. Intake relies on pumping from an intake often covered by silt
	478	Peter Cave Ramp - Water is too low to launch boats
	475	Cave Creek Ramp - Water is below boat launching level
	470	WINTER POOL

ROUGH RIVER LAKE (cont.)

Record Pools		Operating Levels			
Date	Elevation	Pool	Elevation M.S.L.	Area Acres	Length Miles
Feb '89	521.6				
May '83	521.2	Winter	470	2180	29
Sep '79	520.9	Summer	495	5100	39
May '84	516.7	Flood	524	10260	45
Apr '75	516.3				
May '95	515.2				
May '67	514.1				

***Frequency of exceedence based on simulated operation for the years 1930-1980.**