WHITNEY LAKE WATER LEVELS

FLOOD POOL

Is defined as the area above the conservation pool that is reserved for floodwaters. The size is based on certain hydrologic criteria and economics. The flood pool is where we intentionally hold water during an event until the downstream conditions allow us to release it in a controlled manner.

CONSERVATION POOL

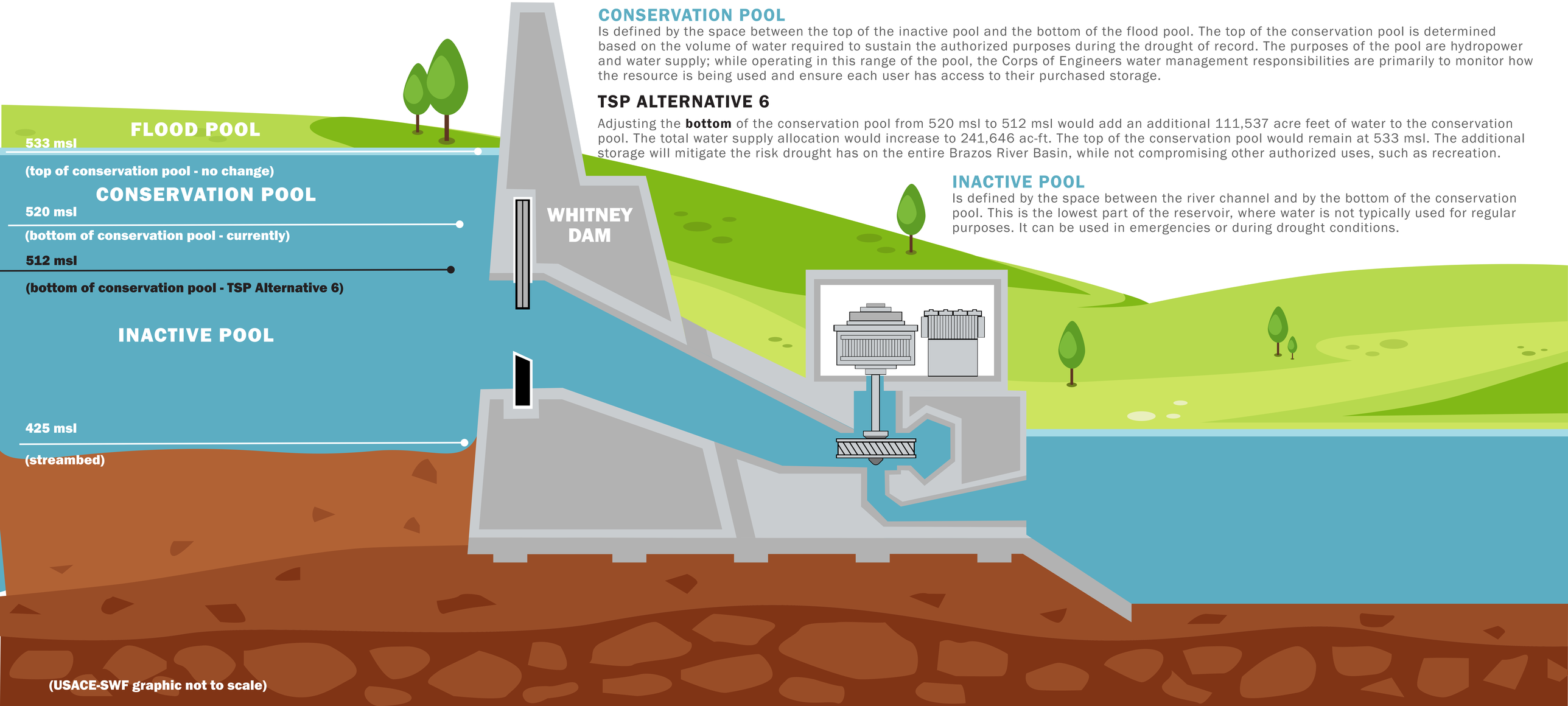
Is defined by the space between the top of the inactive pool and the bottom of the flood pool. The top of the conservation pool is determined based on the volume of water required to sustain the authorized purposes during the drought of record. The purposes of the pool are hydropower and water supply; while operating in this range of the pool, the Corps of Engineers water management responsibilities are primarily to monitor how the resource is being used and ensure each user has access to their purchased storage.

TSP ALTERNATIVE 6

Adjusting the **bottom** of the conservation pool from 520 msl to 512 msl would add an additional 111,537 acre feet of water to the conservation pool. The total water supply allocation would increase to 241,646 ac-ft. The top of the conservation pool would remain at 533 msl. The additional storage will mitigate the risk drought has on the entire Brazos River Basin, while not compromising other authorized uses, such as recreation.

INACTIVE POOL

Is defined by the space between the river channel and by the bottom of the conservation pool. This is the lowest part of the reservoir, where water is not typically used for regular purposes. It can be used in emergencies or during drought conditions.



(USACE-SWF graphic not to scale)