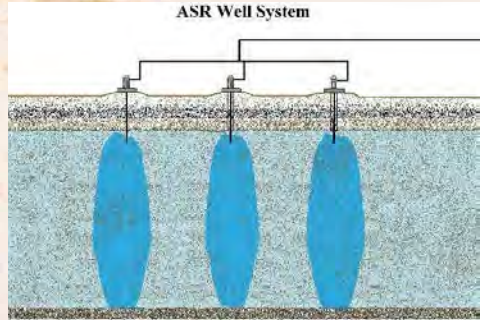


6 BG in Underground Storage

21 Finished Water ASR Wells



ASR Well System



Peace
River



Reservoir 2

Reservoir 1

Animation Showing Cyclical Water Resource Dynamics for the Peace River Facility

ASR Wellfield 1

ASR Wellfield 2

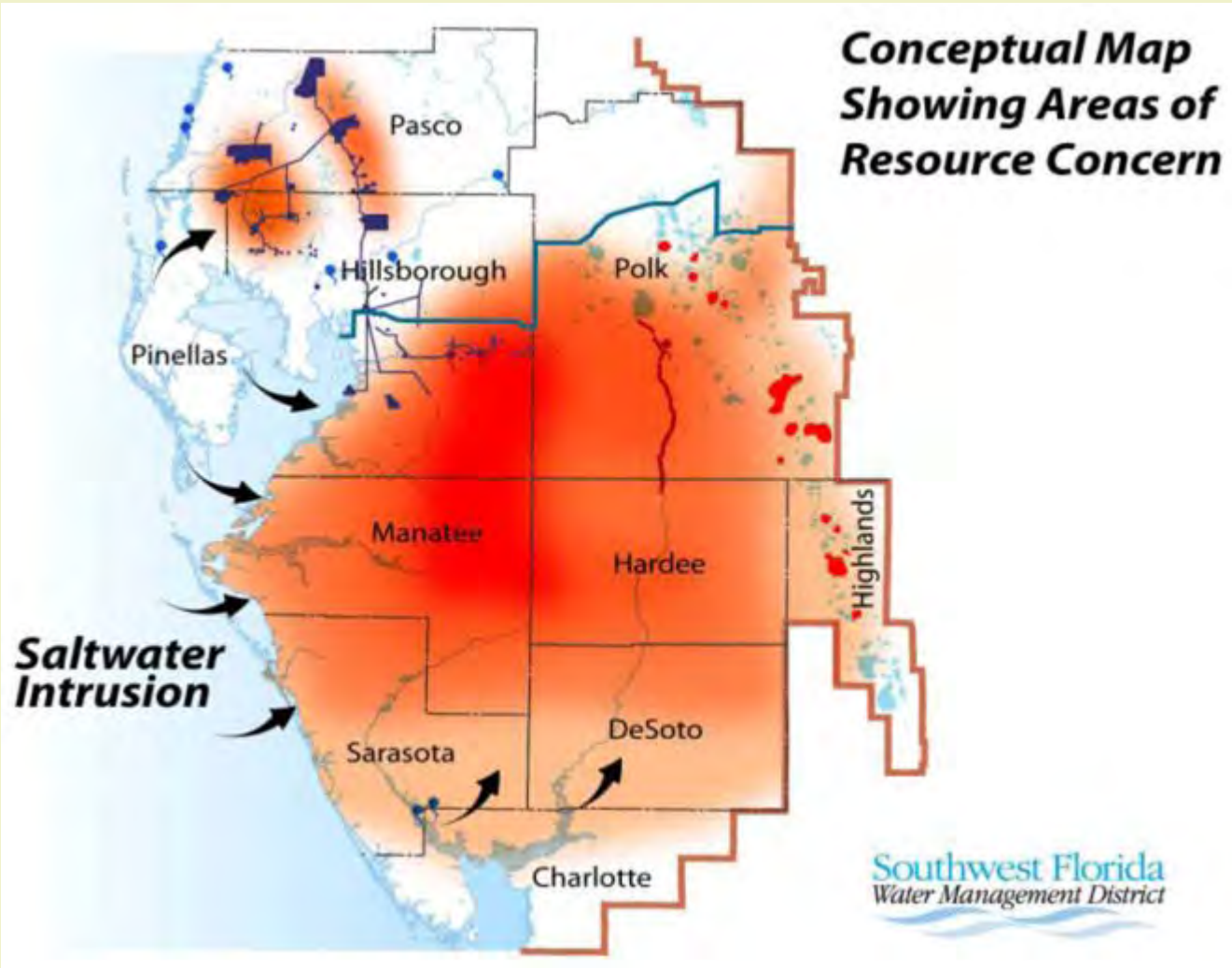
Water
Treatment
Plant



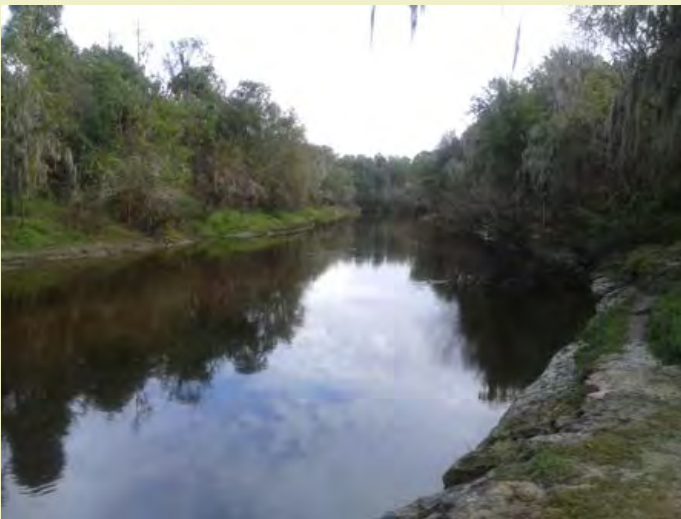
Public Supply

Hydrology of the Peace River

Southern Water Use Caution Area



The Peace River is our Source Water



**The Peace River near
Arcadia - typical dry and
wet season views**



The Upper Peace River can go Completely Dry



Picture from FDEP's "Florida's Water" webpage



Picture by Sam Stone during 2000-1 drought



Figure 7-4.

Historically, the upper Peace River flowed year-round in all but the driest years.

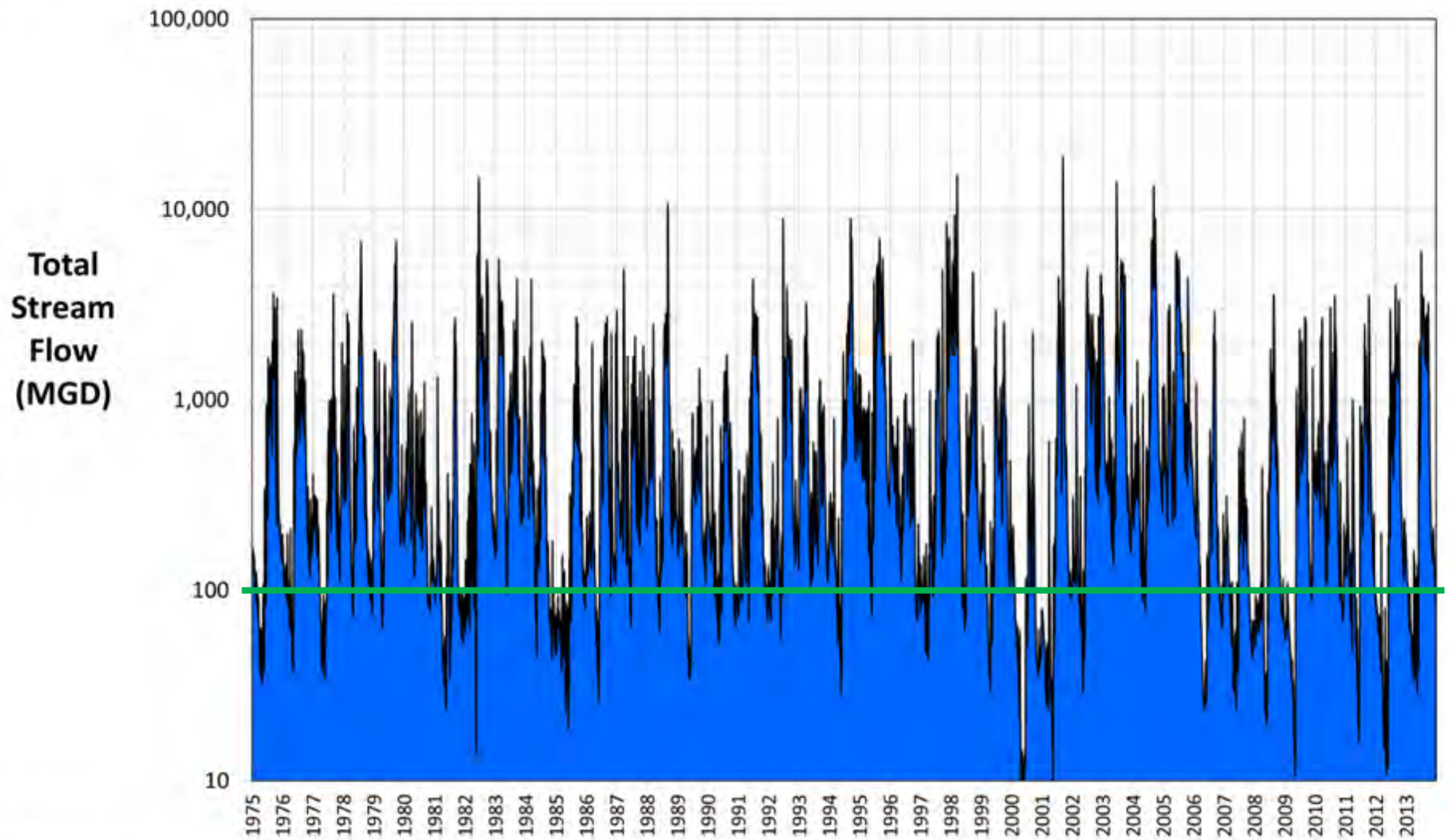


Figure 7-5.

Excessive groundwater withdrawals and hydrologic alteration from urban, agricultural and industrial development in the upper Peace River watershed have resulted in the river often completely disappearing into sinkholes or not flowing at all.



Figure 7-17.
Peace River flowing into
sinkhole near Bartow
Wastewater Treatment
Plant, May 2001.



- River flows vary dramatically (8 Mgd – 18 Bgd)
- Three orders-of-magnitude!

2000-01 Drought is Our Challenge Event

