

SAN MARCOS SPRINGS

Low Flow (LF) / Duration (months)

$<X_{LF1}$ (one month)

65 ft³/s

$<X_{LF6}$ (six months)

80 ft³/s

Long Term Average (LTA)

$>X_{LTA}$ cfs

140 ft³/s

Assumptions:

- Maintain status quo (i.e., snapshot of how river is today; current conditions)
 - o Current invasive species numbers (no new species introductions or spreading of existing invasive populations)
 - o Current amount of sediment within the river
 - o Current recreation amounts (no new tube rental facilities, no new water parks like the Rio Vista area)
 - o Current dam configuration
- The flows never go below 45 cfs and will never be at 45 cfs for > 7 days
- These flows do not reflect the USGS discharge measurement accuracy range of up to plus or minus 10% based on physical and
- These numbers are given assuming that Texas wild-rice did survive the drought of record

COMAL SPRINGS

Low Flow (LF) / Duration (months)

$<X_{LF1}$ (one month)

30 ft³/s

$<X_{LF6}$ (six months)

75 ft³/s

Long Term Average (LTA)

$>X_{LTA}$ cfs

225 ft³/s

Assumptions:

No mitigation activities; system is as it is now and is operated as it is today.
Gill parasite status quo. Assuming it won't get worse than what we've seen up to now.
Ramshorn snail status quo.
Recreation status quo.
GOAL of the Long Term Average is to maintain or increase populations
Low Flow values not allowed to ever go below 5 cfs