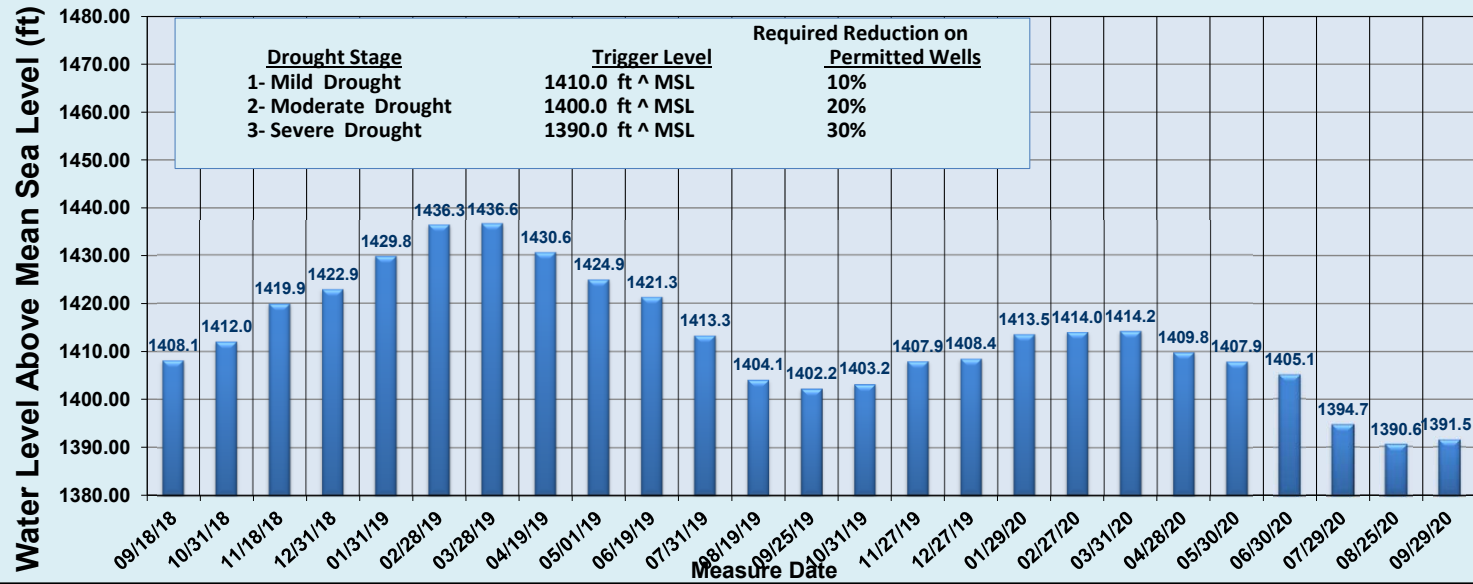


# Headwaters Groundwater Conservation District Drought Index

This chart is an average of four wells' water level above mean sea level. The wells consist of Monitor Well 7 Middle Trinity, Monitor Well 11 Middle Trinity, Kerr County Ag Barn, and Stonehenge. Headwaters averages the water levels of these four wells to trigger drought stages. We also take into consideration the Palmer Drought Severity Index and the flow rate of the Guadalupe River in Kerrville.



Date	Average Water Level Above MSL
Sep-18	1408.10
Oct-18	1412.00
Nov-18	1419.90
Dec-18	1422.90
Jan-19	1429.80
Feb-19	1436.33
Mar-19	1436.59
Apr-19	1430.56
May-19	1424.93
Jun-19	1421.30
Jul-19	1413.30
Aug-19	1404.09
Sep-19	1402.21
Oct-19	1403.20
Nov-19	1407.94
Dec-19	1408.44
Jan-20	1413.54
Feb-20	1413.99
Mar-20	1414.18
Apr-20	1409.76
May-20	1407.87
Jun-20	1405.14
Jul-20	1394.66
Aug-20	1390.57
Sep-20	1391.54

DROUGHT INDEX FOR	Drought Index Well Group	Measure Date	Surface Elev.	Current Depth to Water Sept-2020	Static	Previous Depth to Water Aug-20	Monthly Difference
Sep-20	HGCD MW#7 MT	09/29/20	1651.00	309.86	1341.14	310.23	0.37
	HGCD MW#11 MT	09/29/20	1703.00	332.91	1370.09	335.26	2.35
	Ag Barn	09/30/20	1590.00	224.99	1365.01	225.54	0.55
	Stonehenge	09/29/20	1799.00	309.10	1489.90	309.70	0.60
	Avg Water Level Above MSL				1391.54		
	Difference from Previous Month				0.97		