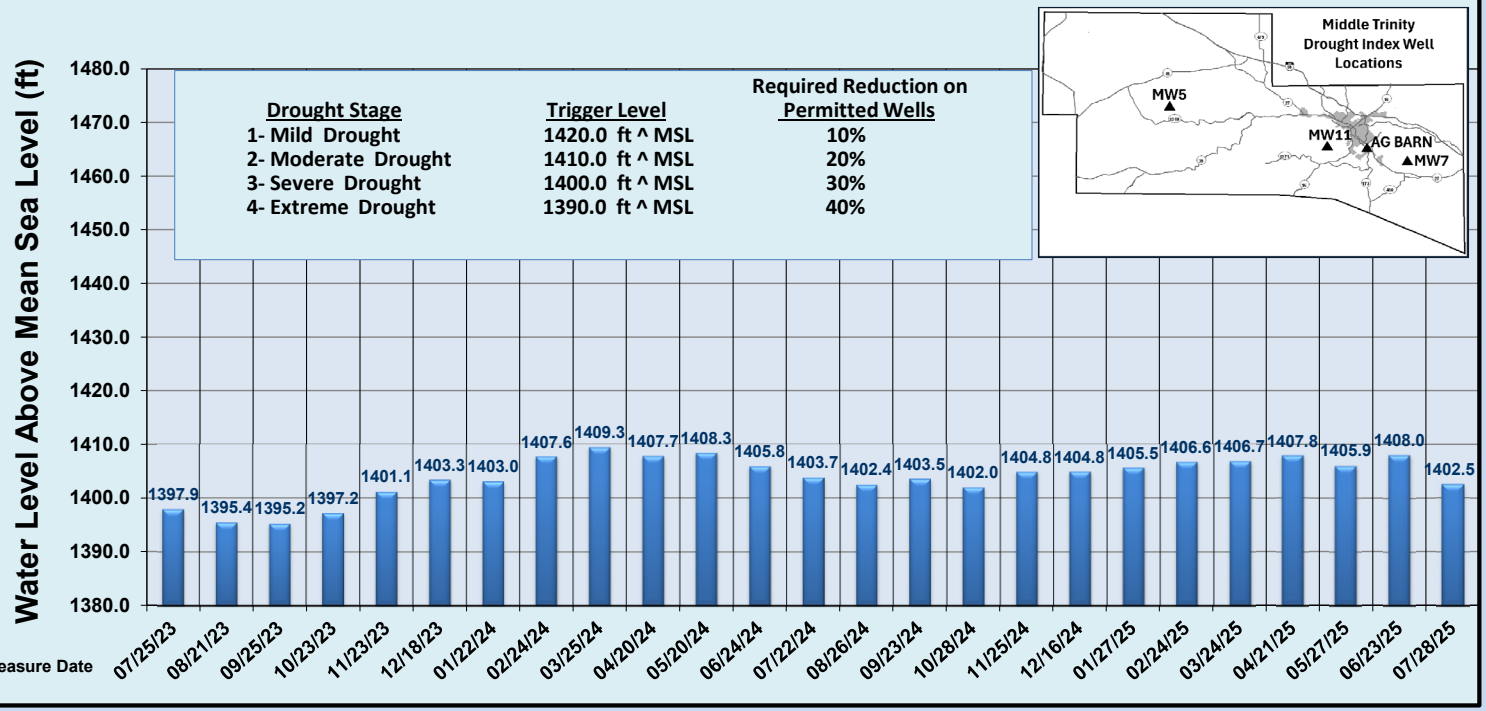
Headwaters Groundwater Conservation District Drought Index

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 Monitor Well 5*. 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
Jul-23	1397.9
Aug-23	1395.4
Sep-23	1395.2
Oct-23	1397.2
Nov-23	1401.1
Dec-23	1403.3
Jan-24	1403.0
Feb-24	1407.6
Mar-24	1409.3
Apr-24	1407.7
May-24	1408.3
Jun-24	1405.8
Jul-24	1403.7
Aug-24	1402.4
Sep-24	1403.5
Oct-24	1402.0
Nov-24	1404.8
Dec-24	1404.8
Jan-25	1405.5
Feb-25	1406.6
Mar-25	1406.7
Apr-25	1407.8
May-25	1405.9
Jun-25	1408.0
Jul-25	1402.5

DROUGHT INDEX FOR Jul-25

Drought Index Well Group	Measure Date	Surface Elev.	Current Depth to Water July 2025	Static	Previous Depth to Water June 2025	Monthly Difference
HGCD MW#7 MT	07/30/25	1651.00	323.73	1327.27	314.78	-8.95
HGCD MW#11 MT	07/28/25	1703.00	323.59	1379.41	319.52	-4.07
Ag Barn	07/29/25	1590.00	219.40	1370.60	210.70	-8.70
HGCD MW#5 MT	07/28/25	2073.00	540.40	1532.60	540.14	-0.26
Avg Water Level Above MSL				1402.47		
Difference from Previous Month				-5.50		

*As of June 2022, the Drought Index Wells were changed. Specifically, the Stonehenge well was replaced with HGCD Monitor Well #5. This is due to the fact that the casing in the Stonehenge well collasped and water levels could no longer be obtained. The Historical Data on this graph has been updated accordingly. Due to the historcal differences in the Mean Sea Level elevation between the Stonehenge well and MW#5, the Drought Trigger Levels were adjusted accordingly.