Lower Big Blue Water Resources Team -- Weekly Data Collection Form -- Watermark Sensors

Cooperator_____ Crop_____ Site Description_____

Station 1-- Watermark Sensor Readings - Centibars							Station 2-- Watermark Sensor Readings - Centibars				
Date	1'	2'	3'	Average*	Soil Deficit (in)		1'	2'	3'	Average*	Soil Deficit (in)

* Average meter reading of 90 in root zone is the ideal time to irrigate. Use the average of the top two sensors prior to reproductive stages and the average of the top three sensors after reproductive stages. The goal is to dry out the lower soil layers throughout the summer and be in the low water zone by crop maturity. In furrow irrigated fields or low yielding center pivot wells, producers may choose to irrigate before the field average is 90 (i.e. if it takes 7 days to complete the irrigation, start irrigation before the field reaches 90).