

Texas Water Development Board
Irrigation Metering Program
Data Collection and Reporting Worksheet

Crop Year _____¹

A. FLOW METER

Latitude: _____

Longitude: _____

Meter # (serial number)	Begin Register Reading	End Register Reading	Difference (End minus Begin)	Meter Multiplier ² x 100 or x 1,000

Total Gallons = _____³

(if meter readings are in acre-feet complete following conversion)

Total Acre Feet times 325,851 = Total Gallons
 _____ * 325,851 = _____

B. CROP & IRRIGATED ACREAGE ⁴

Crop	Acreage

Total Crop Acreage = _____⁵

C. CALCULATE INCHES PER ACRE

Total Gallons divided by 27,154 = Acre Inches
 _____ ÷ 27,154 = _____
 Acre Inches divided by Total Crop Acreage = Inches per Acre
 _____ ÷ _____ = _____

1 The year that the crop was irrigated. Winter wheat should be included in the year it is to be harvested.
 2 Some irrigation flow meters (McCrometer for example) have either "00" or "000" just to the right of the readout.
 3 If more than one meter is used (for example, a system utilizing a meter on each of three irrigation wells - as opposed to a single meter on a center pivot drawing from three wells) then add together all of the "Total Gallons" calculation to get a "grand total" that will be used for calculating inches per acre.
 4 Whenever possible, use the same certified crop and acres information provided to the Farm Service Agency (FSA-578).
 5 Only the crop/acreage irrigated through this meter or system.