

LTER Irrigation Records Form

Date: 8/2/23

Goal Amount to Apply (Inch): 9" - 1"

Start Time: 8:50 a.m.

End Time: 10:50 a.m.

Timer Setting: 20

Flow Meter Before Reading: 5,539,385

Flow Meter End Reading: 5,590,094.1 Total Gallons Applied: 50,709.1

Average GPM on Flow Meter: 410

Gauge PSI on Irrigator: 22

Gauge PSI at Well Pump: 50

Rain Gauge Totals (Inch):

1) 1" 2) 1" 3) .9"

4) 1" 5) .95" 6)

Rain Gauges Avg. (Inch): .97"

Weather Data at the Start:

Time: 8:40

General Overview: Partly Cloudy

Cloud Cover Percentage: 70%

Temperature: 66.5^F

Wind Speed(5 min avg. at 3 meters): 1.85

Wind Gust: 6.91

Wind Direction: South

Relative Humidity: 86.3%

Weather Data at the End:

Time: ~~10:40 a.m.~~ 10:55 a.m.

General Overview: Mostly Sunny

Cloud Cover Percentage: 30%

Temperature: 74.4^F

Wind Speed(5 min avg. at 3 meters): 5.34

Wind Gust: 6.55

Wind Direction: South West

Relative Humidity: 63.6%

Log Data on to the Aglog and Excel Irrigation Scheduling Spreadsheet.