

Table A8: Garner Run and Cole Farm Data Table – List of Data and Contact Investigator

Location	Measurement Type	Contact	Year
Garner Run	COSMOS	Li Li	2015 - present
Garner Run	Sap Flux	David Eissenstat	2016 - present
Garner Run	Soil Gas - GroundHOGs - Gas Tubes	Jason Kaye	2015 - 2016
Garner Run	Soil Gas - GroundHOGs - Automated Sensors	Jason Kaye	2015 - 2016
Garner Run	Soil Moisture - GroundHOGs - TDR	Jason Kaye	2015 - 2016
Garner Run	Soil pCO ₂ and %O ₂	Jason Kaye	2015
Garner Run	Soil Temperature	Henry Lin	2015 - 2017
Garner Run	Soil Porewater	Jason Kaye	2015
Garner Run	Soil Moisture - GroundHOGs Automated Sensors	Henry Lin	2015 - 2017
Garner Run	Soil Electrical Conductivity - GroundHOGs	Henry Lin	2015 - 2017
Garner Run	Imaginary Dielectric - GroundHOGS	Henry Lin	2015 - 2017
Garner Run	Real Dielectric - GroundHOGS	Henry Lin	2015 - 2017
Garner Run	Soil Geochemistry	Susan Brantley	2014 - 2016
Garner Run	Stream HOBO electrical conductance	Susan Brantley	2015 - 2016

Garner Run	HOBO Pressure Transducer, Barometric Pressure	Susan Brantley	2014 - present
Garner Run	Stream HOBO Pressure Transducer, water level	Susan Brantley	2014 - present
Garner Run	Stream Temperature (DTS)	Susan Brantley	2014
Garner Run	Stream Water Chemistry	Susan Brantley	2014 - present
Garner Run	Discharge, Flume	Roman Dibiase	2014 - present
Garner Run	Spring Water Temp	Susan Brantley	2015
Garner Run	Groundwater level Well HV - 1	Susan Brantley	2015 - present
Garner Run	Groundwater Chemistry Well HV - 1	Susan Brantley	2015 - present
Garner Run	HV-3 well	Susan Brantley	2016 - present
Garner Run	Ground Penetrating Radar	Greg Mount	2016, 2017, 2018
Garner Run	Cosmogenic nuclide-derived erosion rates	Paul Bierman	2015
Garner Run	Surface cover survey	Roman DiBiase	2015-2016
Garner Run	Tree Survey - Updates	Margo Kaye	2018
Garner Run	Vegetation Transects	Margot Kaye	2014
Garner Run	Root Distribution	David Eissenstat	2015
Garner Run	Shrub Data	Kristen Brubaker	2015

Cole Farm Spring	Water Chemistry	Susan Brantley	2017 - present
Cole Farm Pond	Water Chemistry	Susan Brantley	2017 - present
Cole Farm	Groundwater Water Quality	Susan Brantley	2017 - present
Cole Farm	CFW-1 (Groundwater Water Level)	Susan Brantley	2017 - present
Cole Farm	10-Hz eddy covariance raw data	Kenneth Davis	2017 - present
Cole Farm	30-minute average winds, sonic temperature & EC fluxes	Kenneth Davis	2017 - present
Cole Farm	Soil Gas - GroundHOGs - Gas Tubes	Jason Kaye	2018 - present
Cole Farm	Soil Moisture - GroundHOGs - TDR	Jason Kaye	2018 - present
Cole Farm	Soil Temperature	Henry Lin	2017 - present
Cole Farm	Soil Porewater	Jason Kaye	2018 - present
Cole Farm	Soil Moisture - GroundHOGs Automated Sensors	Henry Lin	2017 - present
Cole Farm	Soil Electrical Conductivity - GroundHOGs	Henry Lin	2017 - present
Cole Farm	Imaginary Dielectric - GroundHOGS	Henry Lin	2017 - present
Cole Farm	Real Dielectric - GroundHOGS	Henry Lin	2017 - present
Cole Farm	Precipitation	Li Li	2017 - present
Cole Farm	Air Temp & Relative Humidity	Kenneth Davis	2017 - present
Cole Farm	Ground penetrating Radar	Greg Mount	2017 and 2018

Cole Farm Resistivity

Greg Mount

2017 and 2018
