

Harvard Forest Data Archive HF069-07

Data File:

Name = hf069-07-soil.moist.csv

Description = soil moisture

Rows = 2490 Columns = 4

MD5 checksum = b551ce4c1d35c07f57d8497ba747c01e

Variables:

date = date

ka = dielectric constant calculated from each TDR waveform. To calculate a dielectric constant (Ka) from each waveform, we used an automated script which first applied a Savitsky-Golay filter to the waveform data and then used a tangent-line method to locate the two inflection points. (number)

wc = water content calculated using Topp's equation (Topp et al. 1980) (cubicCentimetersPerCubicCentimeters)

| Variable | Min        | Median     | Mean       | Max        | NAs  |
|----------|------------|------------|------------|------------|------|
| date     | 1999-09-23 | 2001-09-06 | 2001-11-15 | 2003-10-25 | 0    |
| ka       | 2.880      | 12.130     | 13.112     | 49.750     | 1517 |
| wc       | 0.030      | 0.230      | 0.232      | 0.570      | 1517 |

# HF069-07 Plot 1

