Harvard Forest Data Archive HF107-01

Data File:

Name = hf107-01-light.csv
Description = light data
Rows = 4880  Columns = 16
MD5 checksum = 883e4ac97deeb5cc2fed86fe39fb83eb

Variables:

date = date photograph taken
x = x-coordinate location, in meters, of the sample. Each plot of
  the Simes Tract is 90 x 90 m. (meter)
y = y-coordinate location, in meters, of the sample. Each plot at
  the Simes Tract is 90 x 90 m. (meter)
gsf = estimated proportion of global radiation (direct plus diffuse)
  under a plant canopy relative to that in the open (range: 0 – 1).
  (number)
dsf = estimated proportion of direct solar radiation reaching a
  given location, relative to that in a location with no sky obstruction
  (range: 0 – 1). (number)
isf = estimated proportion of diffuse solar radiation reaching a
  given location, relative to a location with no sky obstruction (range:
  0 – 1). (number)
tot.be = estimated total radiation below the canopy, corrected for
  interception surface orientation (units: MJ m⁻² yr⁻¹) (range: greater than 0).
  (megajoulePerMeterSquaredPerYear)
dir.be = estimated direct radiation below the canopy, corrected for
  interception surface orientation (units: MJ m⁻² yr⁻¹) (range: greater than 0).
  (megajoulePerMeterSquaredPerYear)
lai = estimated leaf area index for the entire canopy (range:
  greater than 0) (number)
gndcover = estimated overall fraction of ground covered by canopy
  (range: 0 – 1). (number)
lai.dev = estimated uniformity of the canopy across the image
  (range: greater than 0) (number)
threshold = user-specified value used to classify the image into
  black and white pixels (range 0 – 255) (number)
<table>
<thead>
<tr>
<th>Variable</th>
<th>Min</th>
<th>Median</th>
<th>Mean</th>
<th>Max</th>
<th>NAs</th>
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<td>2010-09-08</td>
<td>2010-10-04</td>
<td>2016-07-30</td>
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