

Harvard Forest Data Archive HF344-02

Data File:

Name = hf344-02-n-soil-plots.csv

Description = soil nitrogen at forest plots

Rows = 9 Columns = 9

MD5 checksum = e6fa0737de621c7d26cb80eac7aldaa1

Variables:

defol.cumulative = cumulative 2015-2018 growing season defoliation severity from

Landsat-based forest condition assessment data product (dimensionless)

defol.freq = number of years the plot experienced "moderate" or higher defoliation

severity in the 2015-2018 time period (number)

oak.count = oak count (number)

soil.n.percent = percent nitrogen content by mass from a composite sample of 3 subplots

with 4 soil cores collected of the organic horizon in July 2019 (dimensionless)

soil.c.n = soil carbon-to-nitrogen ratio by mass from a composite sample of 3

subplots with 4 soil cores collected of the organic horizon in July 2019 (dimensionless)

n.mg.kg.day = rate of nitrate accumulation in soil solution over 75-78 days (June to

August 2019) in mg-N per kg resin per day (milligramPerKilogramPerDay)

ammon.mg.kg.day = rate of ammonium accumulation in soil solution over 75-78 days (June to

August 2019) in mg-N per kg resin per day (milligramPerKilogramPerDay)

n.min.mg.kg.day = rate of mineral N accumulation in soil solution over 75-78 days (June to

August 2019) as the sum of ammon.mg.kg.day and n..mg.kg.day (milligramPerKilogramPerDay)

Variable	Min	Median	Mean	Max	NAs
defol.cumula	1.319	4.082	4.278	8.436	0
defol.freq	1.000	2.000	1.889	3.000	0
oak.count	12.000	19.000	20.778	28.000	0
soil.n.perce	0.835	1.114	1.180	1.571	0
soil.c.n	21.782	25.598	25.800	31.385	0
n.mg.kg.day	0.009	0.089	0.149	0.494	0
ammon.mg.kg.	0.069	0.124	0.188	0.560	0
n.min.mg.kg.	0.092	0.331	0.337	0.753	0

HF344-02 Plot 1



