

Eucalyptus forest

Stocks: kg ha^{-1}

Fluxes: $\text{kg ha}^{-1} \text{ yr}^{-1}$

Deposition

N: 5
P: 0.1
K: 2
Mg: 5
Ca: 5

N_2 fixation

N: 7

Leaching I

N: 5
P: 0.1
K: 15
Mg: 2
Ca: 5

Litterfall

N: 60
P: 2
K: 10
Mg: 20
Ca: 60

Plant biomass

N: 500
P: 50
K: 400
Mg: 250
Ca: 500

Uptake I

N: 55
P: 1.1
K: 17
Mg: 3
Ca: 5

Uptake II

N: 10
P: 1.0
K: 8.0
Mg: 19
Ca: 60

Litter layer N: 150; P: 10; K: 25; Mg: 30; Ca: 110

Mineral soil (rooting zone)

Plant available

N: 450
P: 30
K: 75
Mg: 90
Ca: 330

Leaching II

N: 22
P: 1.1
K: 10
Mg: 24
Ca: 65

Streamflow

N: 12
P: 0.2
K: 10
Mg: 6
Ca: 8

Weathering

P: 0.1
K: 8
Mg: 1
Ca: 3