1-mean δ¹⁸O in precipitation from April to September

δ¹⁸O (‰)

-10 0 10 20 30 40 50
32 34 36 38 40 42 44 46

(a)

2-mean δ¹⁸O in precipitation from October to March

δ¹⁸O (‰)

-10 -5 0 5 10 15 20 25
32 34 36 38 40 42 44 46

(b)

Station 1

Station 2

Station 3

Station 4

Lake Petit

Alps

Mediterranean sea

(c)

Tête du Barn

0 250m

Alpine meadow
Scree
Bare crystalline rocks

Lake Petit
Petit Lake
Long Lake
Gros Lake
Mont Pepoire 2674 m

(1) (2) (3) (4) (5) (6)