

surface mass balance (kgm^{-2})

west

north

east

south/east

1

2

3

4

5

QL off

QL on

6

QL off

QL on

7

QL off

QL on

8

QL off

QL on

9

QL off

QL on

10

QL off

QL on

11

QL off

QL on

12

QL off

QL on

13

QL off

QL on

entire GrIS

QL off

QL on

QL off

QL on

QL off

QL on

χ_{QL}

