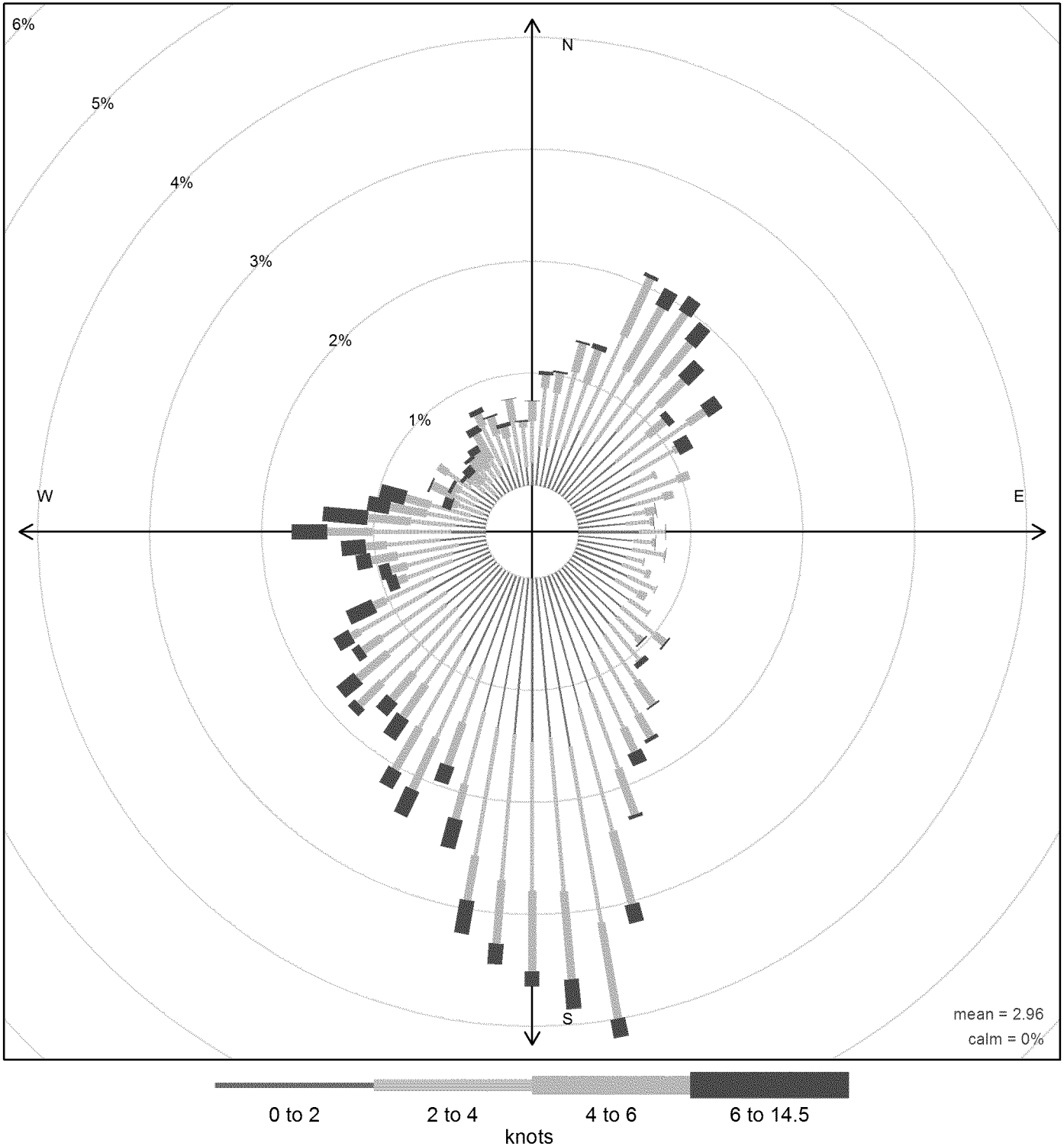
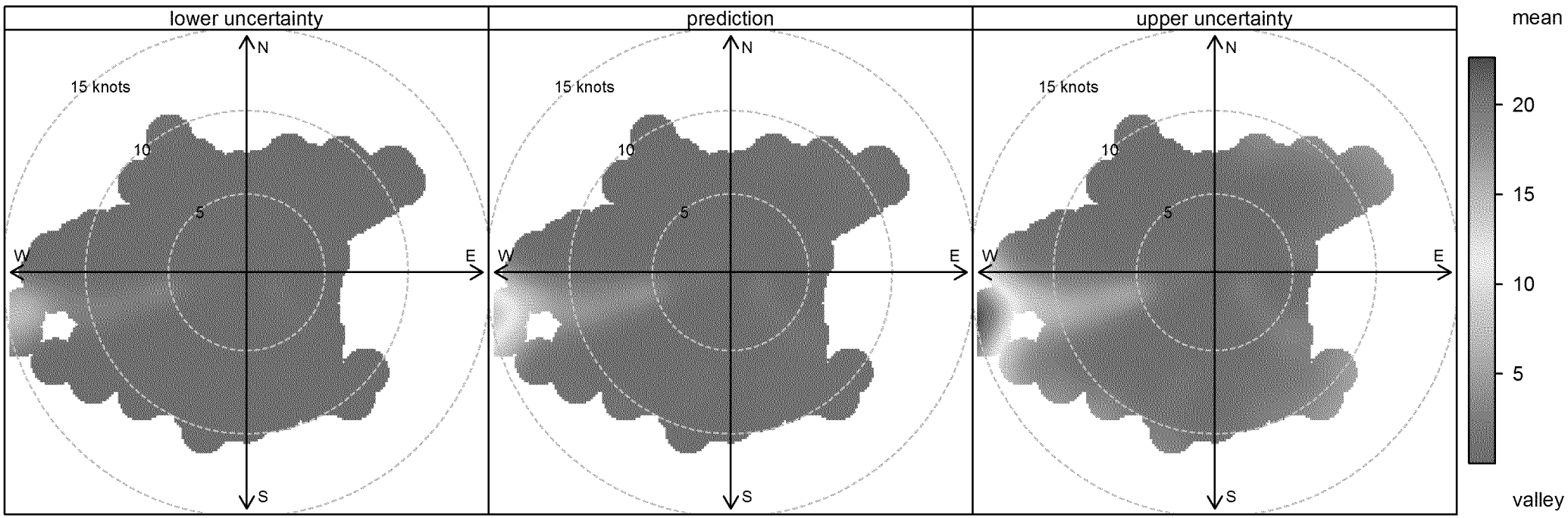
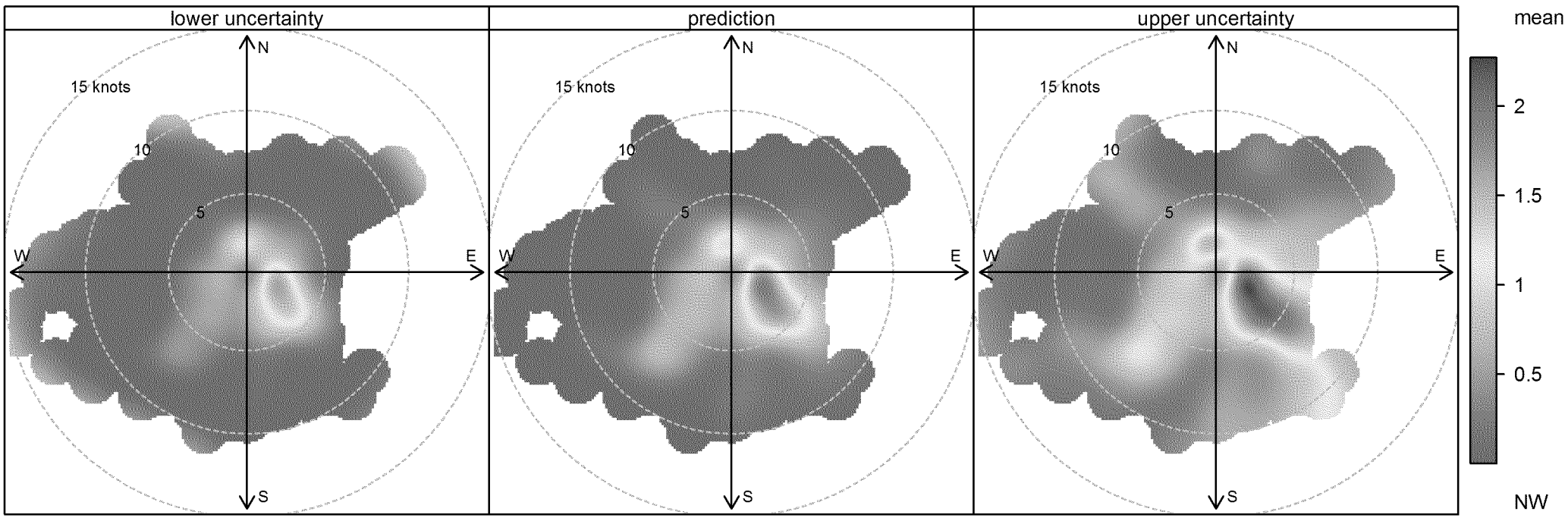
Windrose Valley 10m

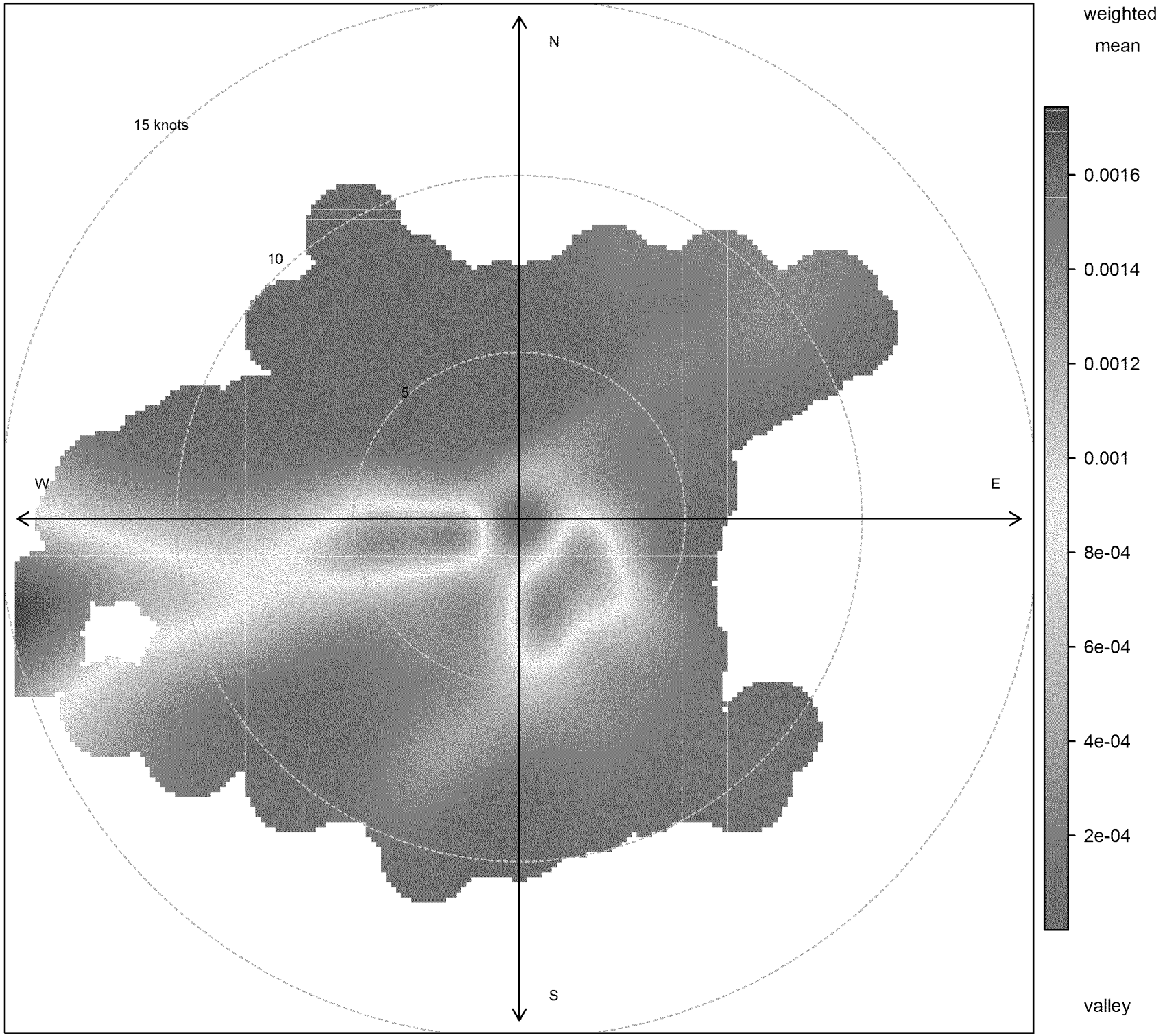


Frequency of counts by wind direction (%)

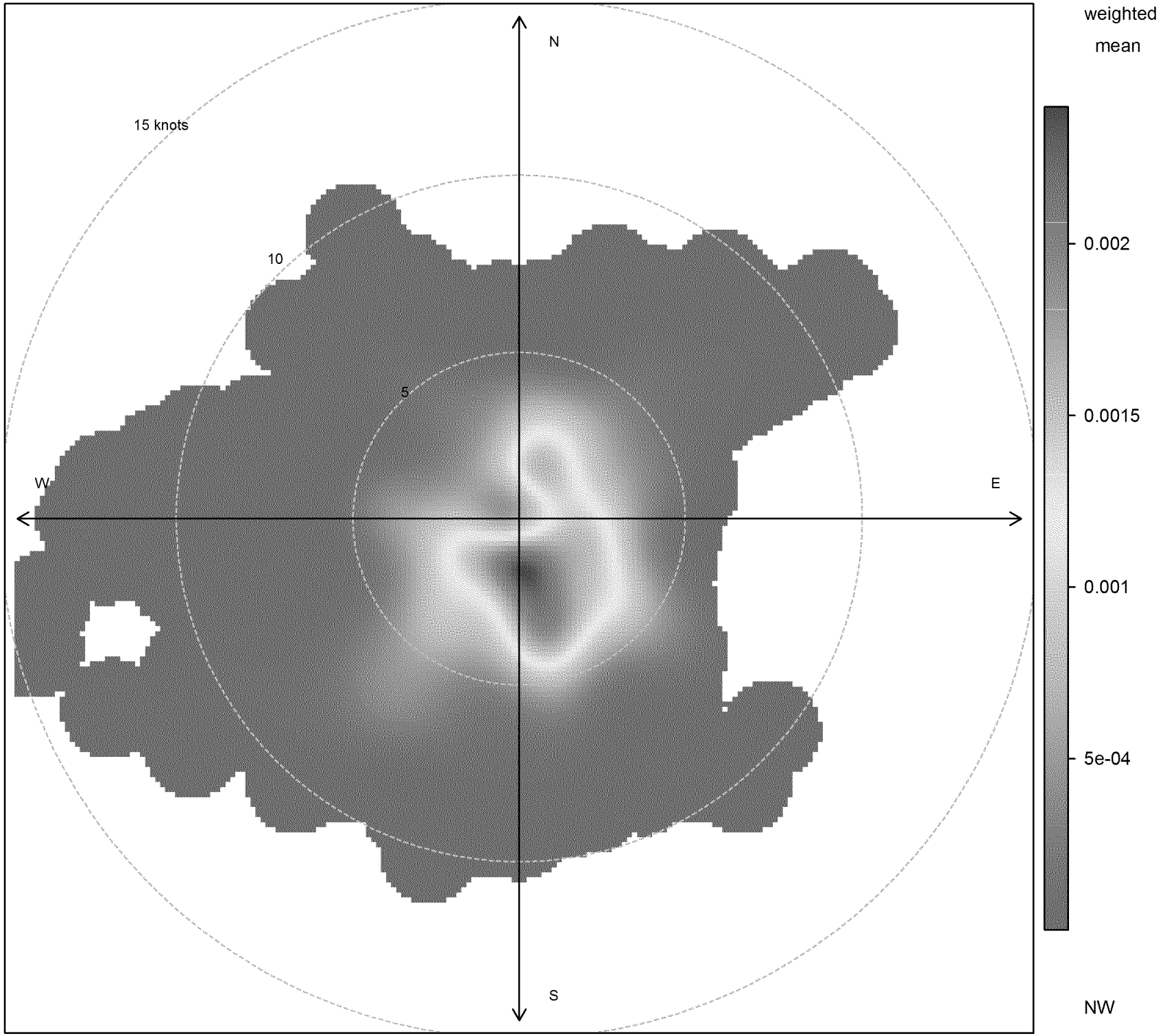

lower uncertainty
prediction
upper uncertainty
mean
valley
N
S
W
E
15 knots
10
5
20
15
10
5


lower uncertainty
prediction
upper uncertainty
mean
N
S
W
E
15 knots
10
5
2
1.5
1
0.5
NW

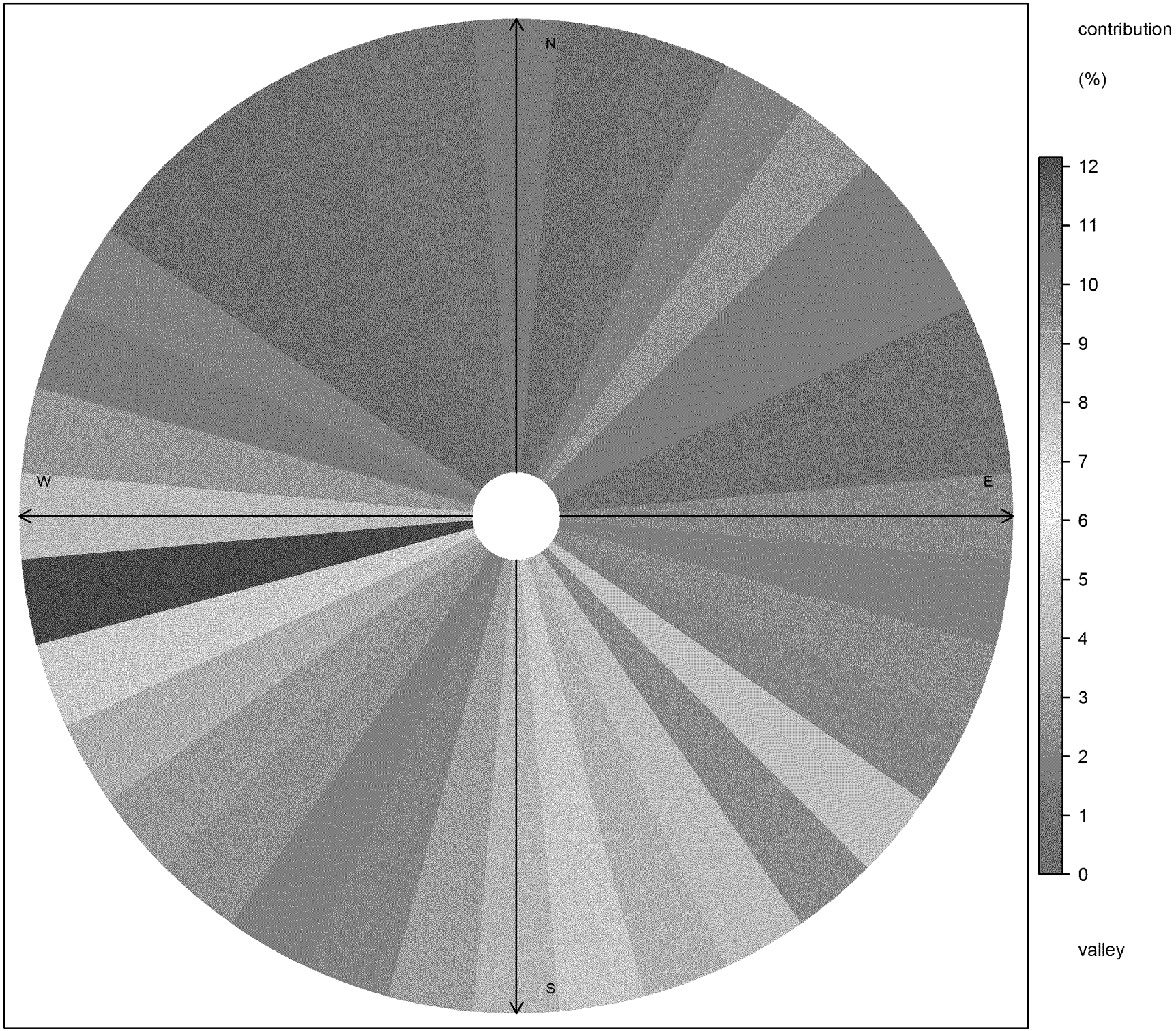
SO_2 polarPlot (valley)



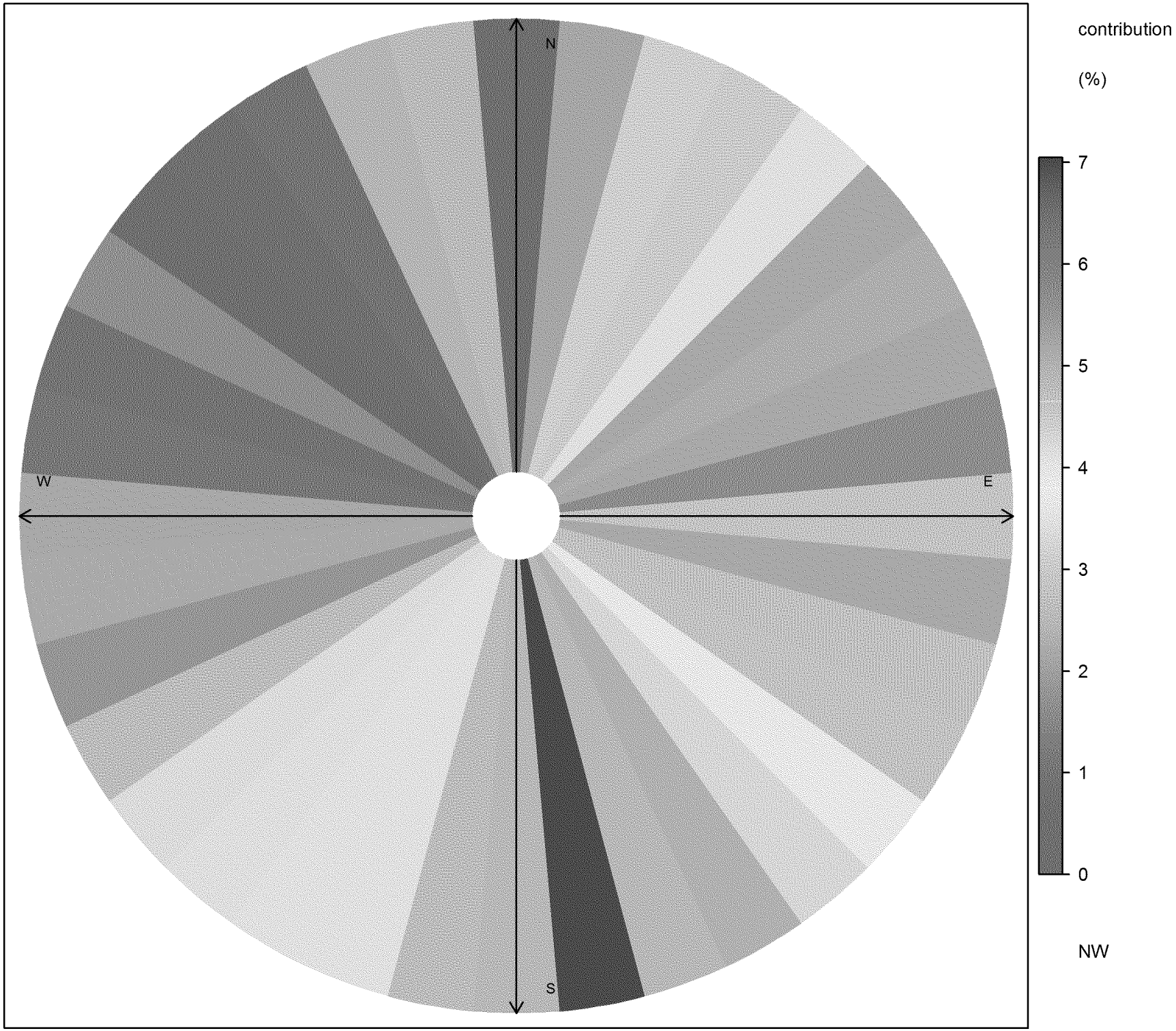
SO_2 polarPlot (NW)



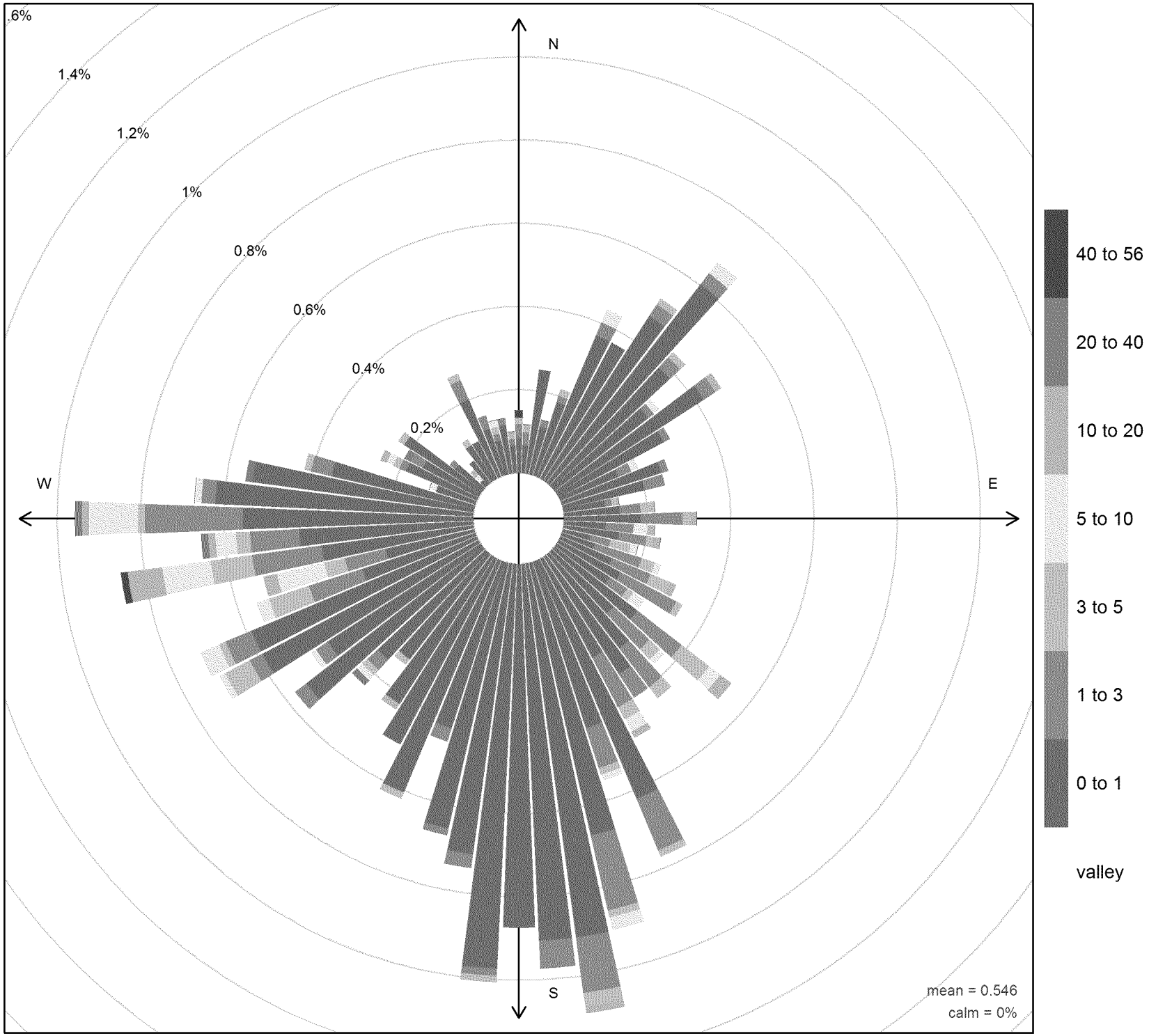
SO_2 polarFreq (valley)



SO_2 polarFreq (NW)

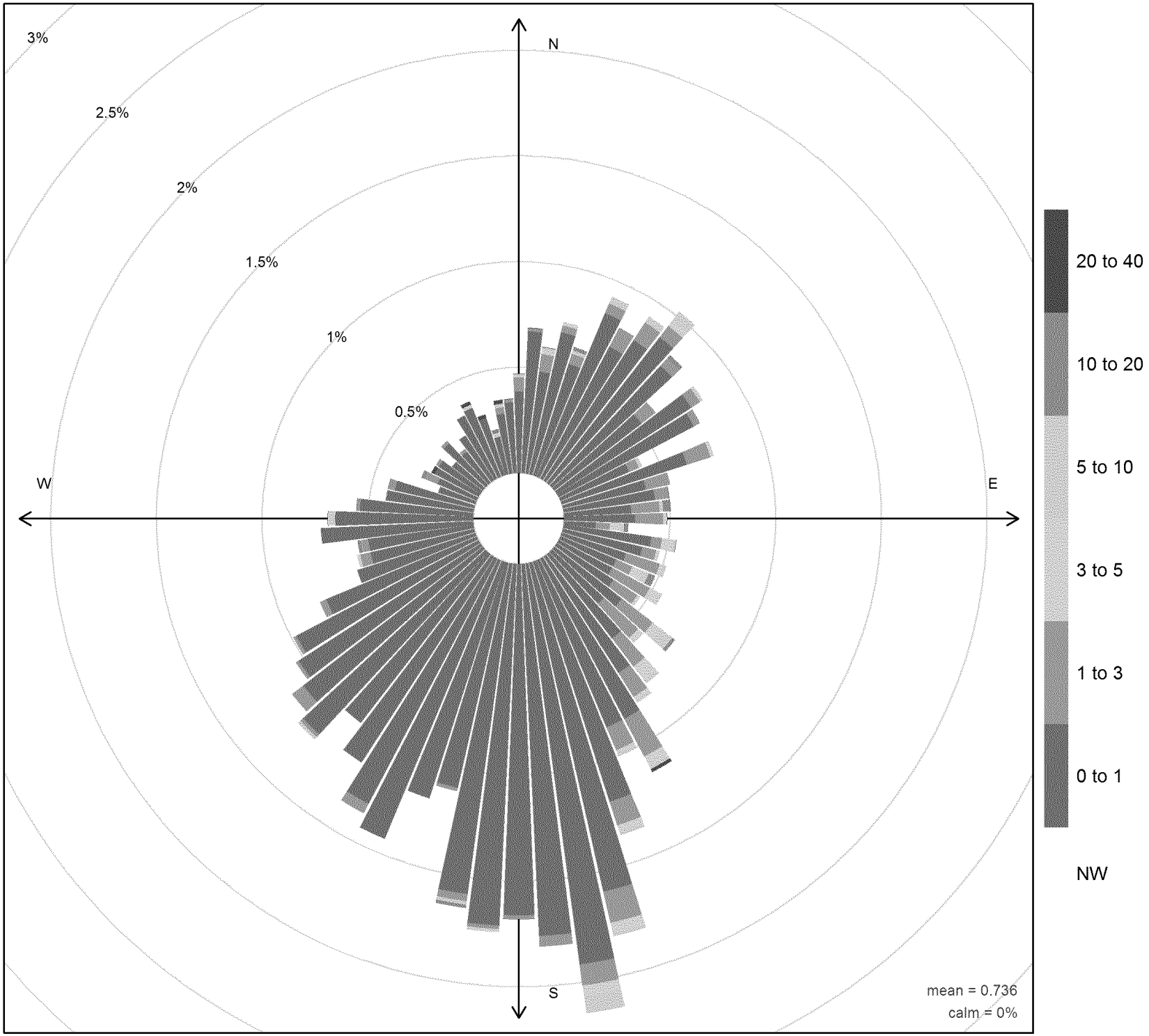


SO_2 pollutionRose (valley)



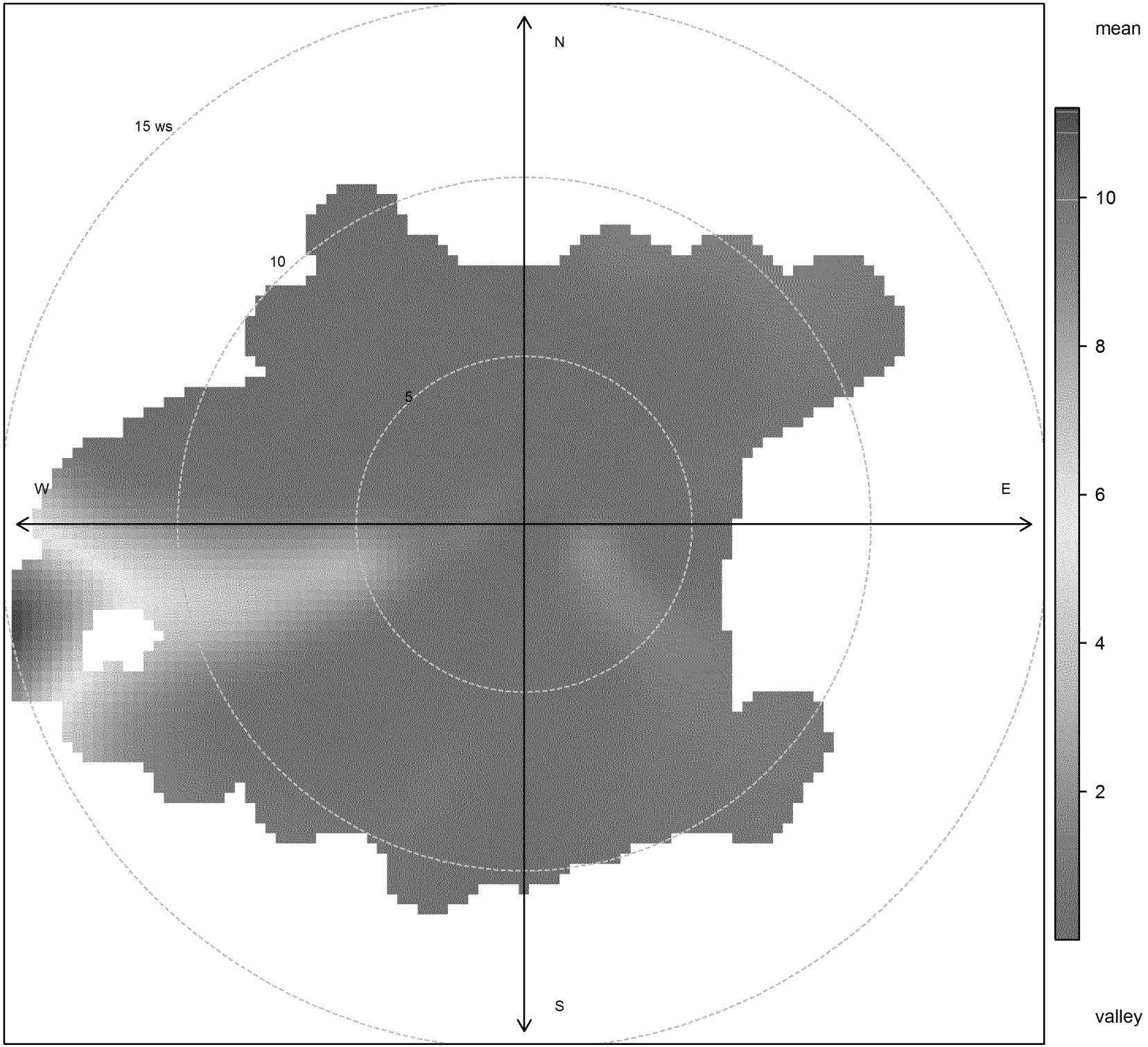
Frequency of counts by wind direction (%)

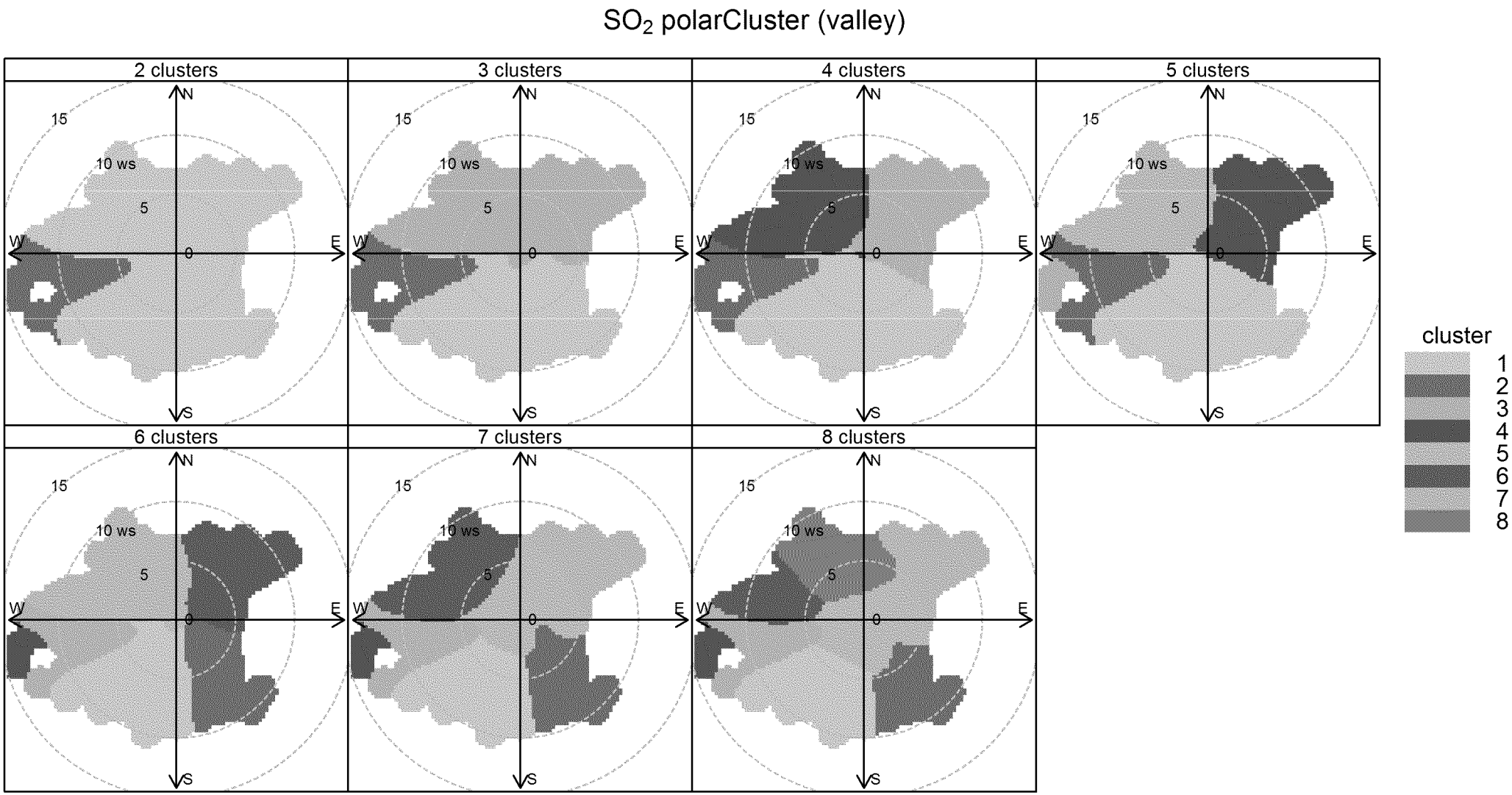
SO_2 pollutionRose (NW)



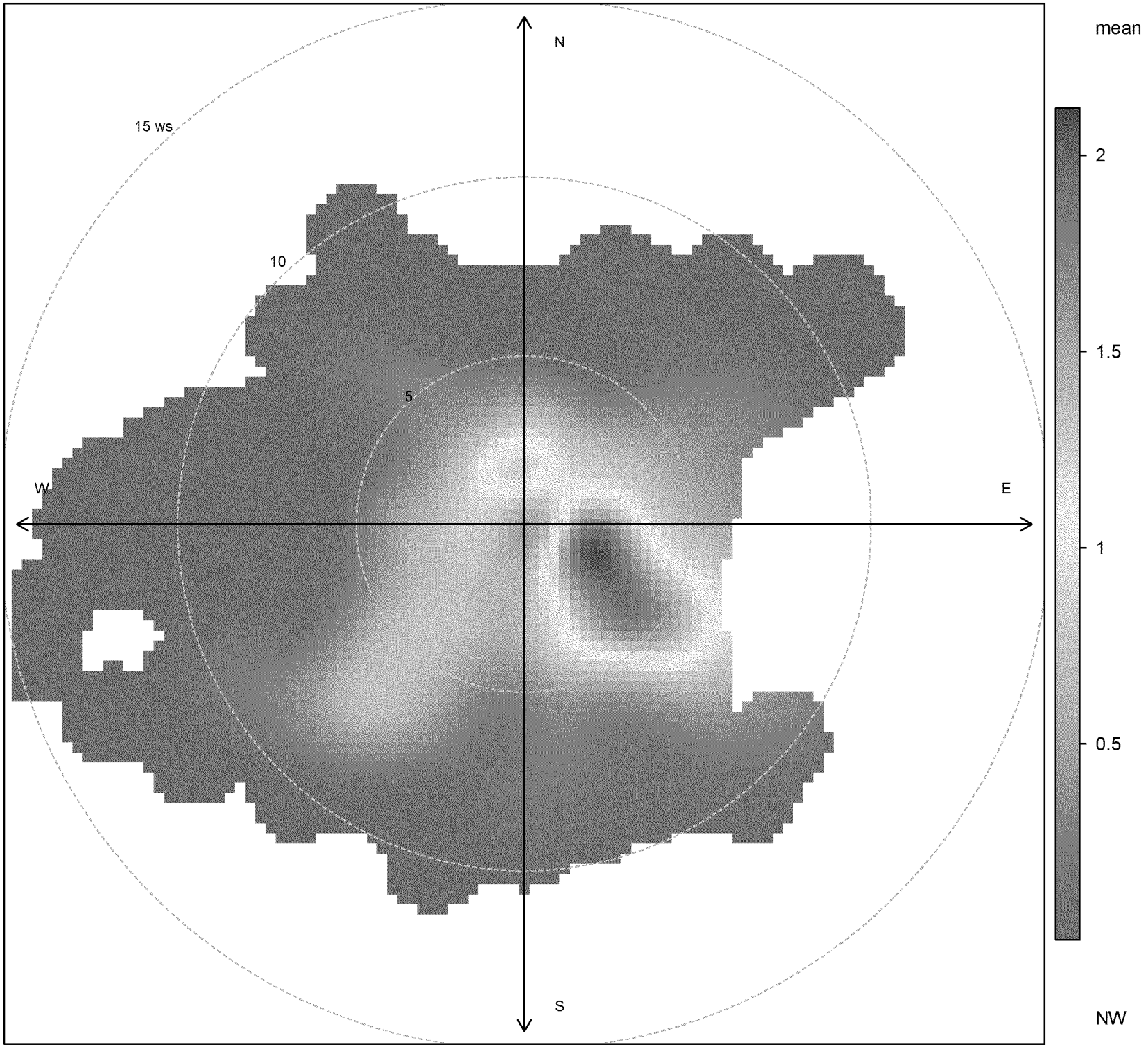
Frequency of counts by wind direction (%)

SO_2 polarCluster (valley)

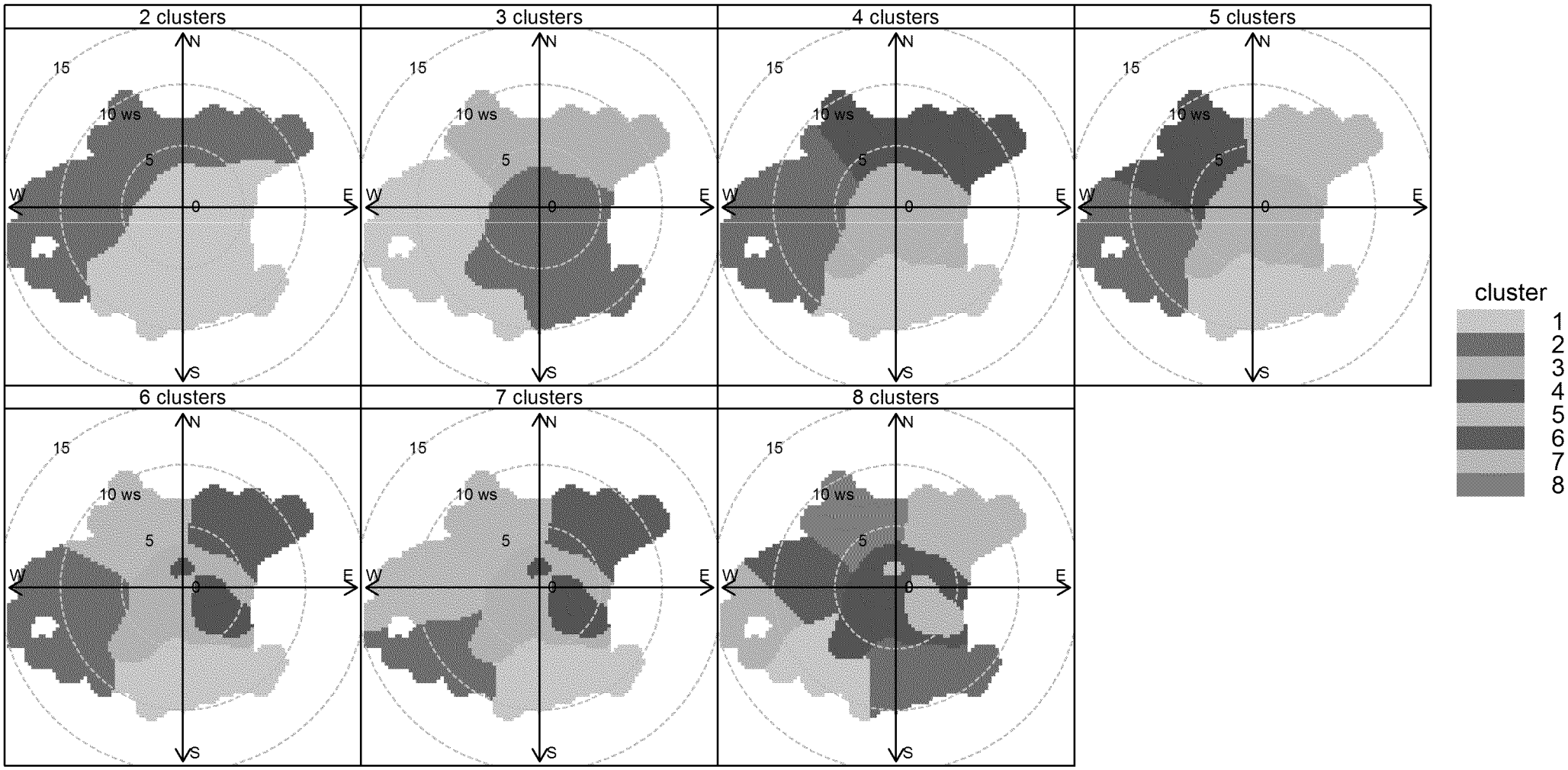


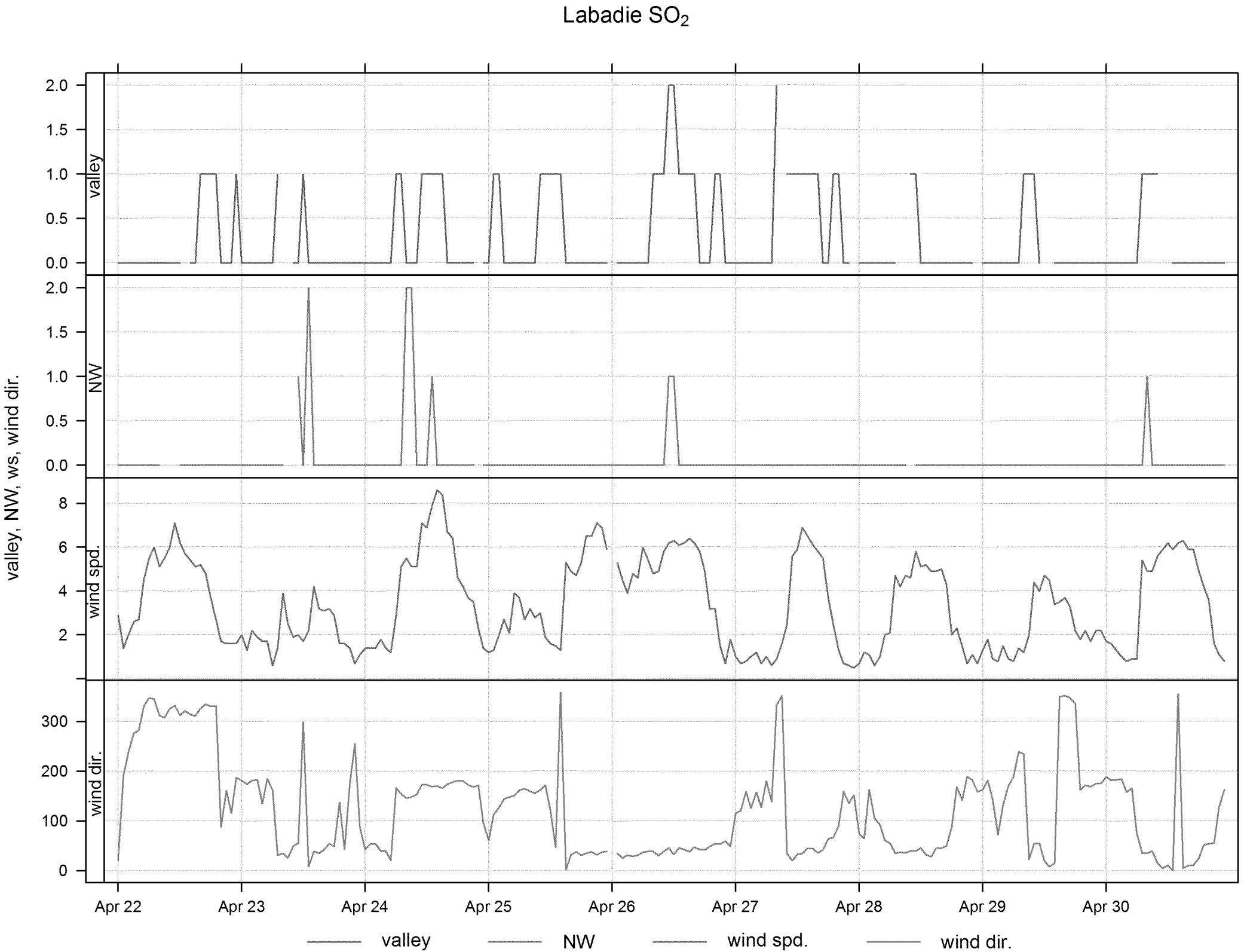

SO2 polarCluster (valley)
2 clusters
3 clusters
4 clusters
5 clusters
6 clusters
7 clusters
8 clusters
N
S
W
E
0
5
10 ws
15
cluster
1
2
3
4
5
6
7
8

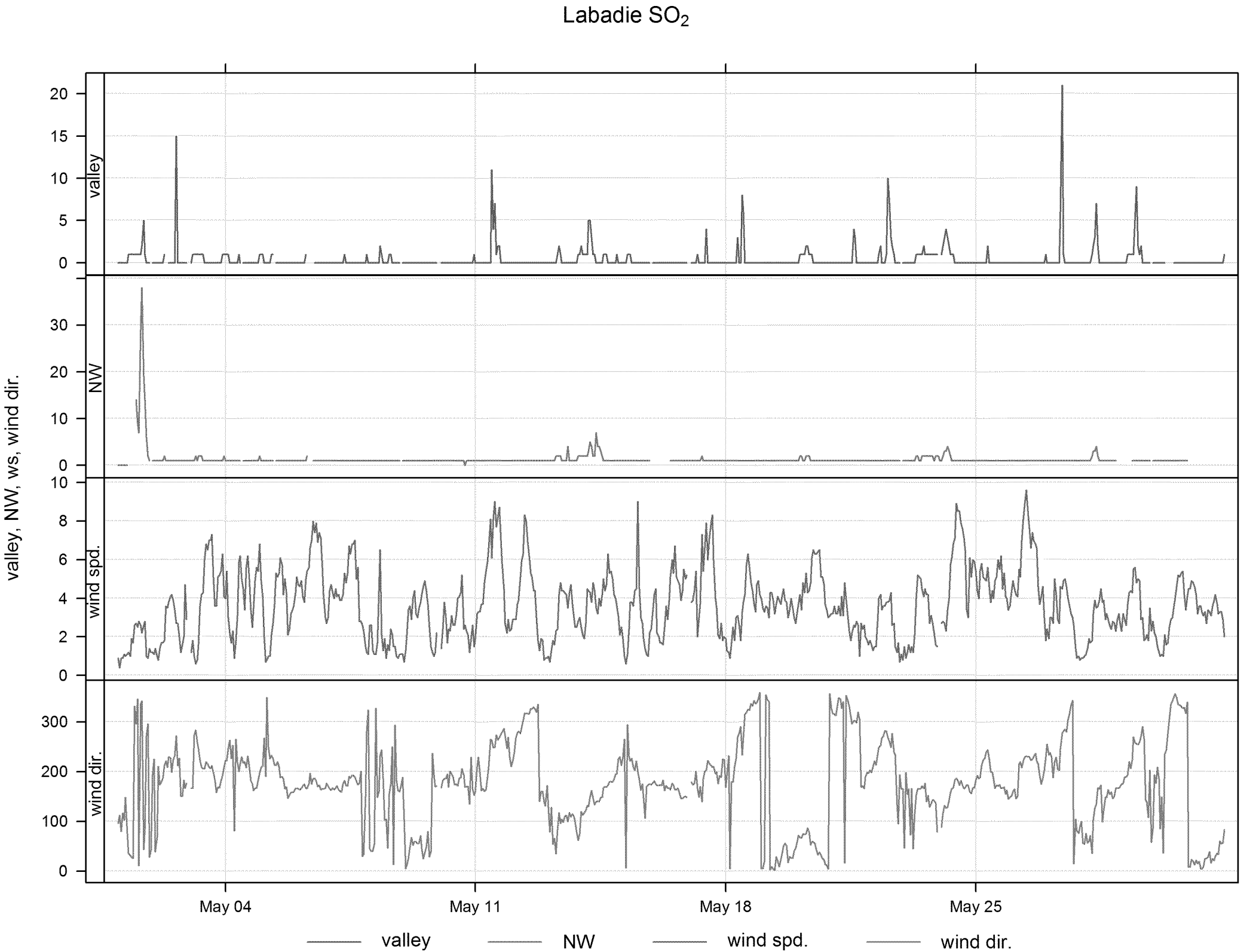
SO_2 polarCluster (NW)

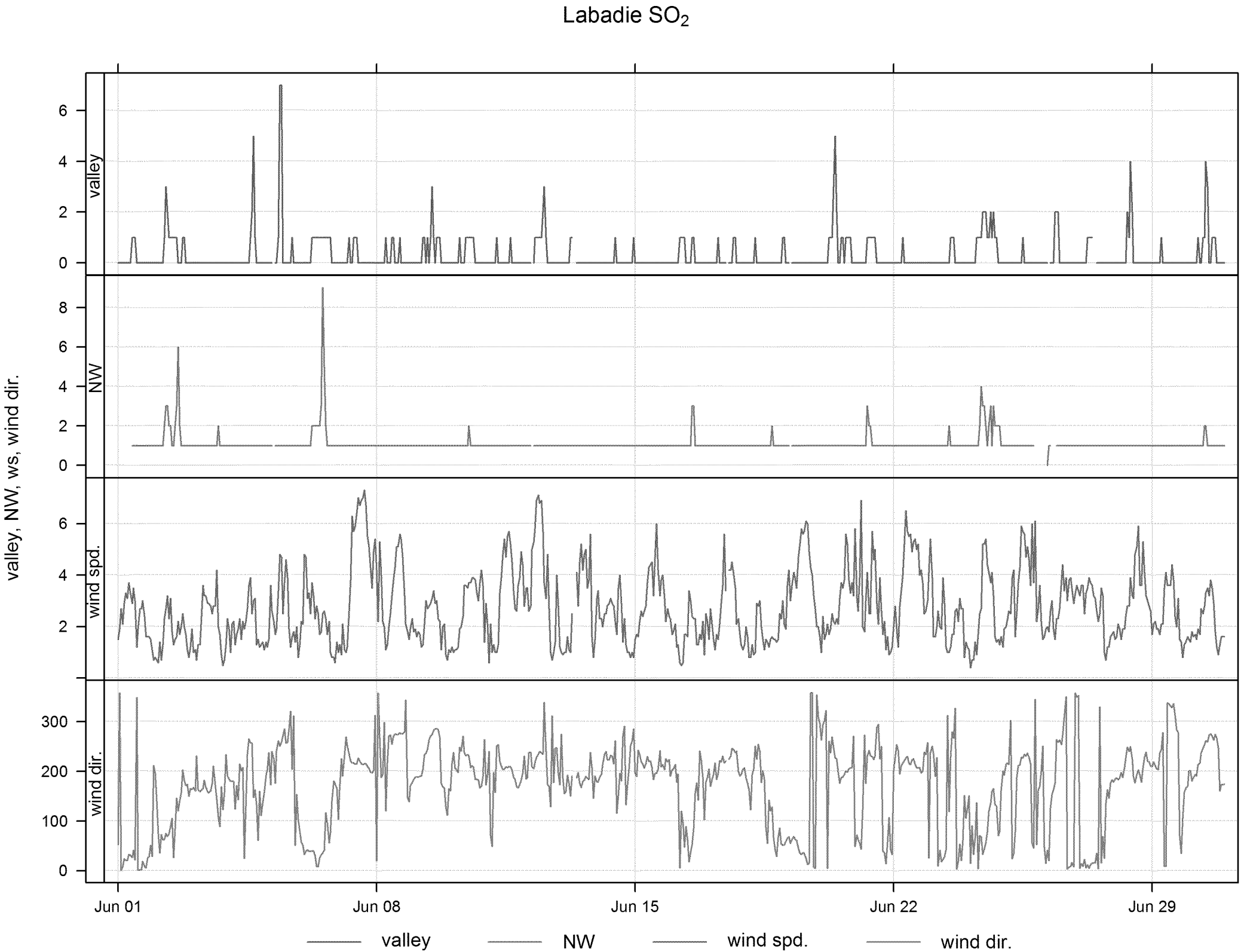


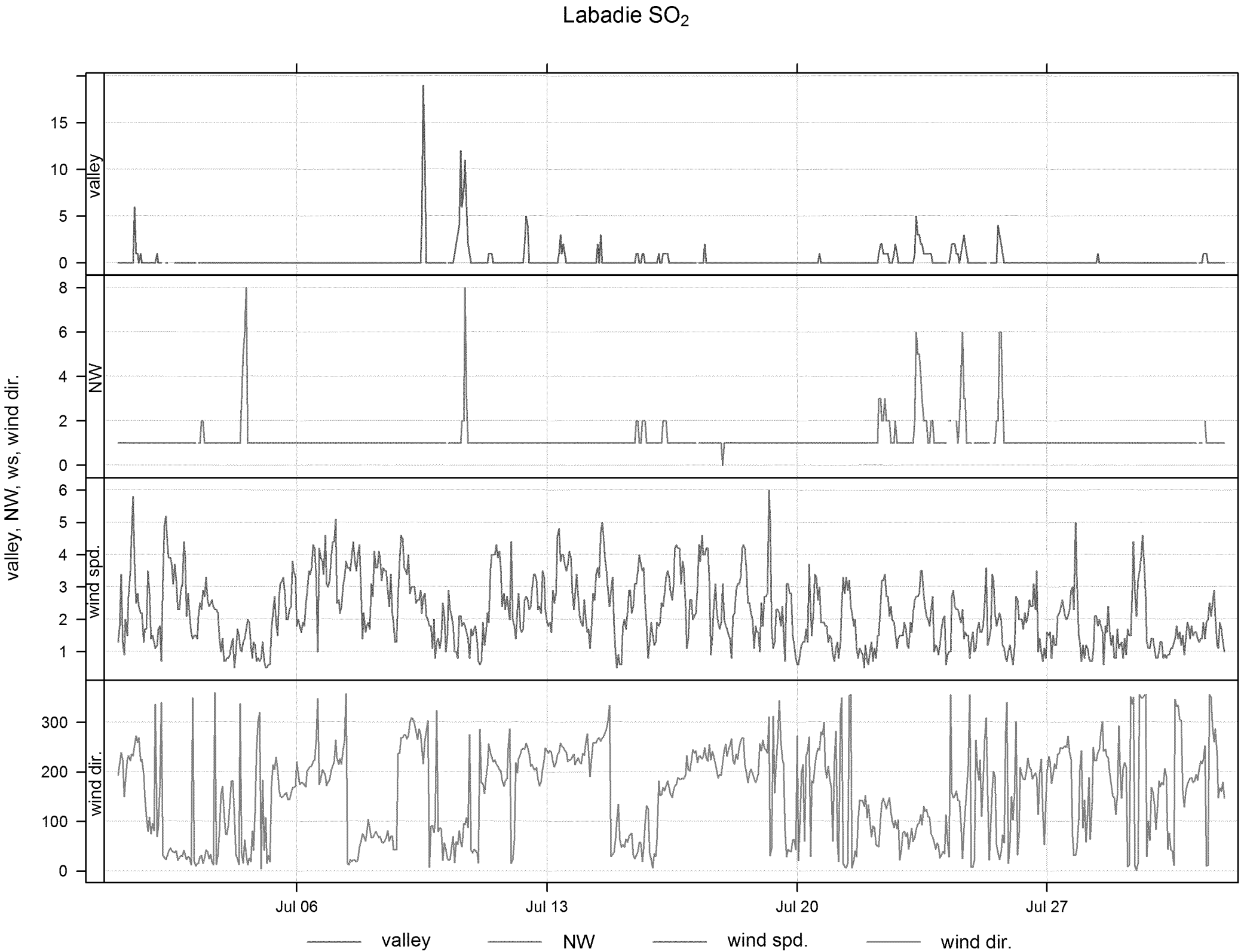
SO_2 polarCluster (NW)

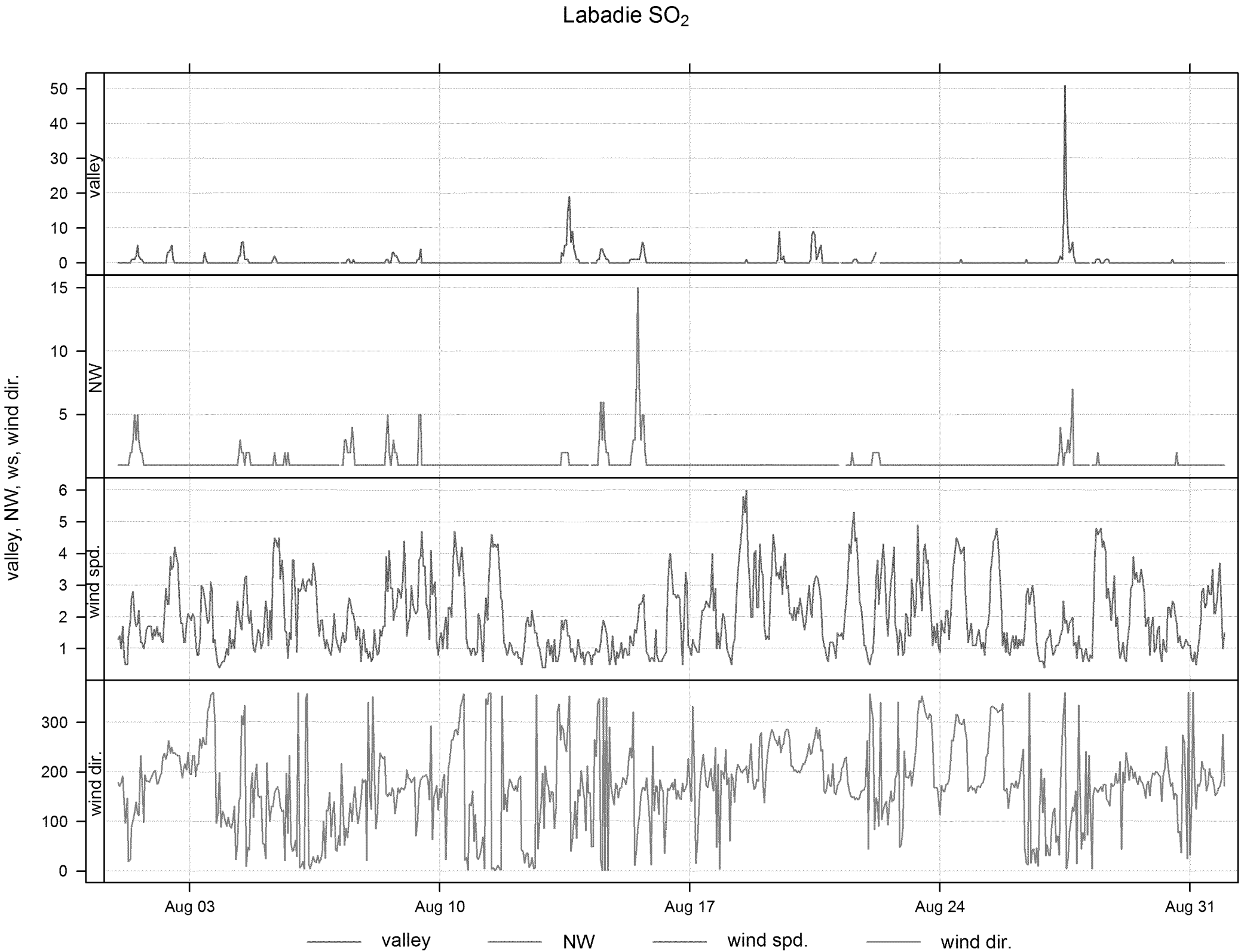


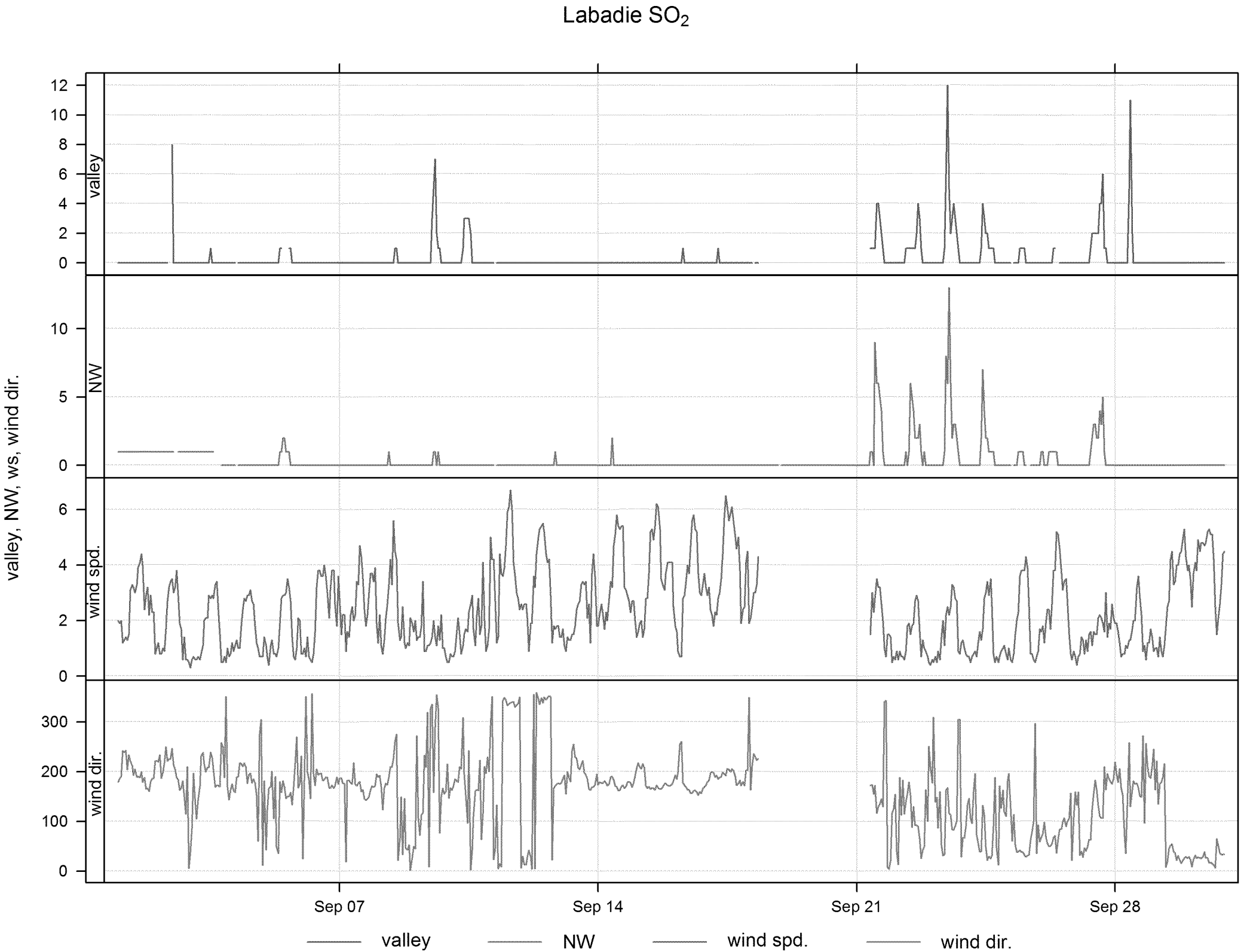

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
2.0
1.5
1.0
0.5
0.0
8
6
4
2
300
200
100
0
Apr 22
Apr 23
Apr 24
Apr 25
Apr 26
Apr 27
Apr 28
Apr 29
Apr 30
valley
NW
wind spd.
wind dir.

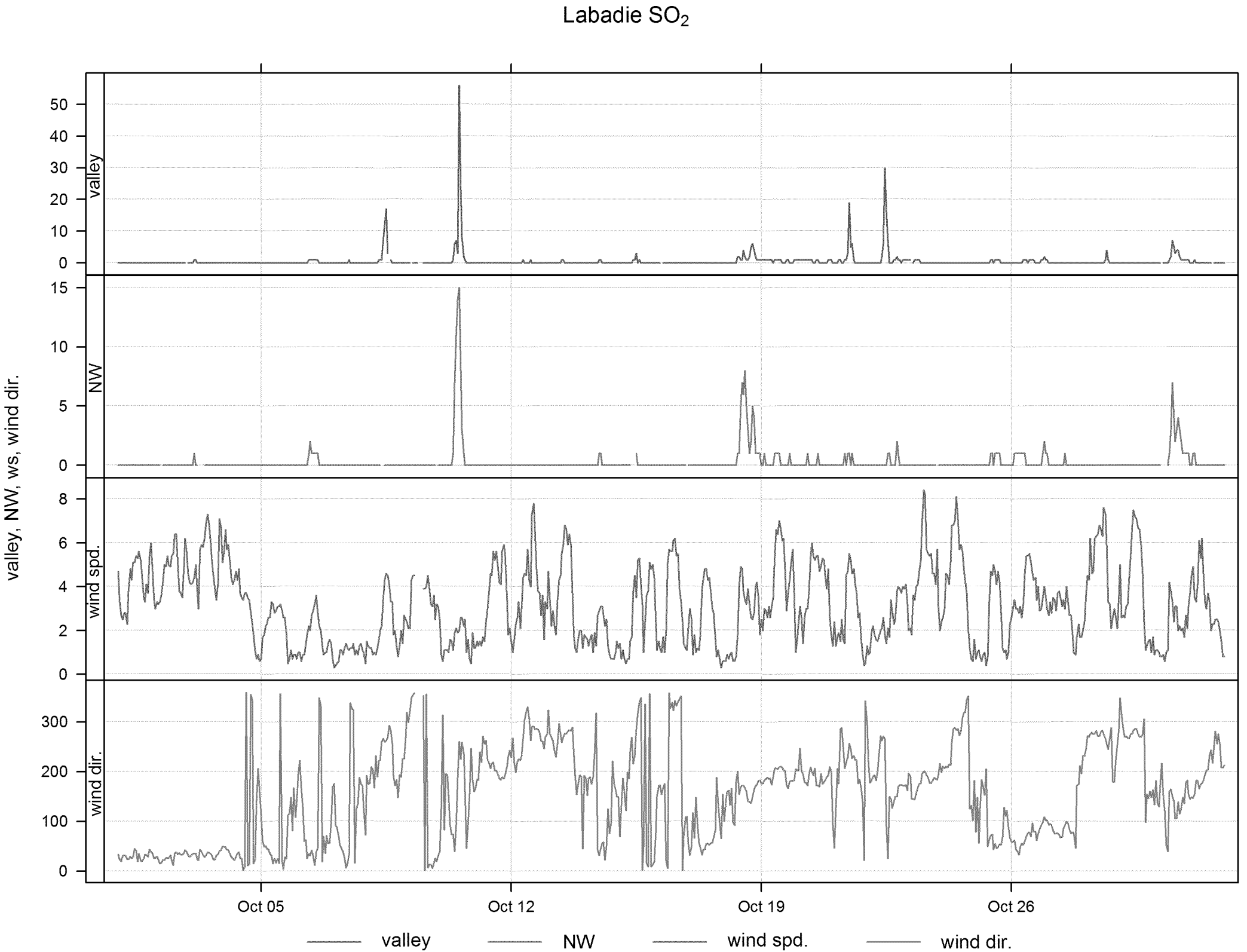

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
May 04
May 11
May 18
May 25
valley
NW
wind spd.
wind dir.

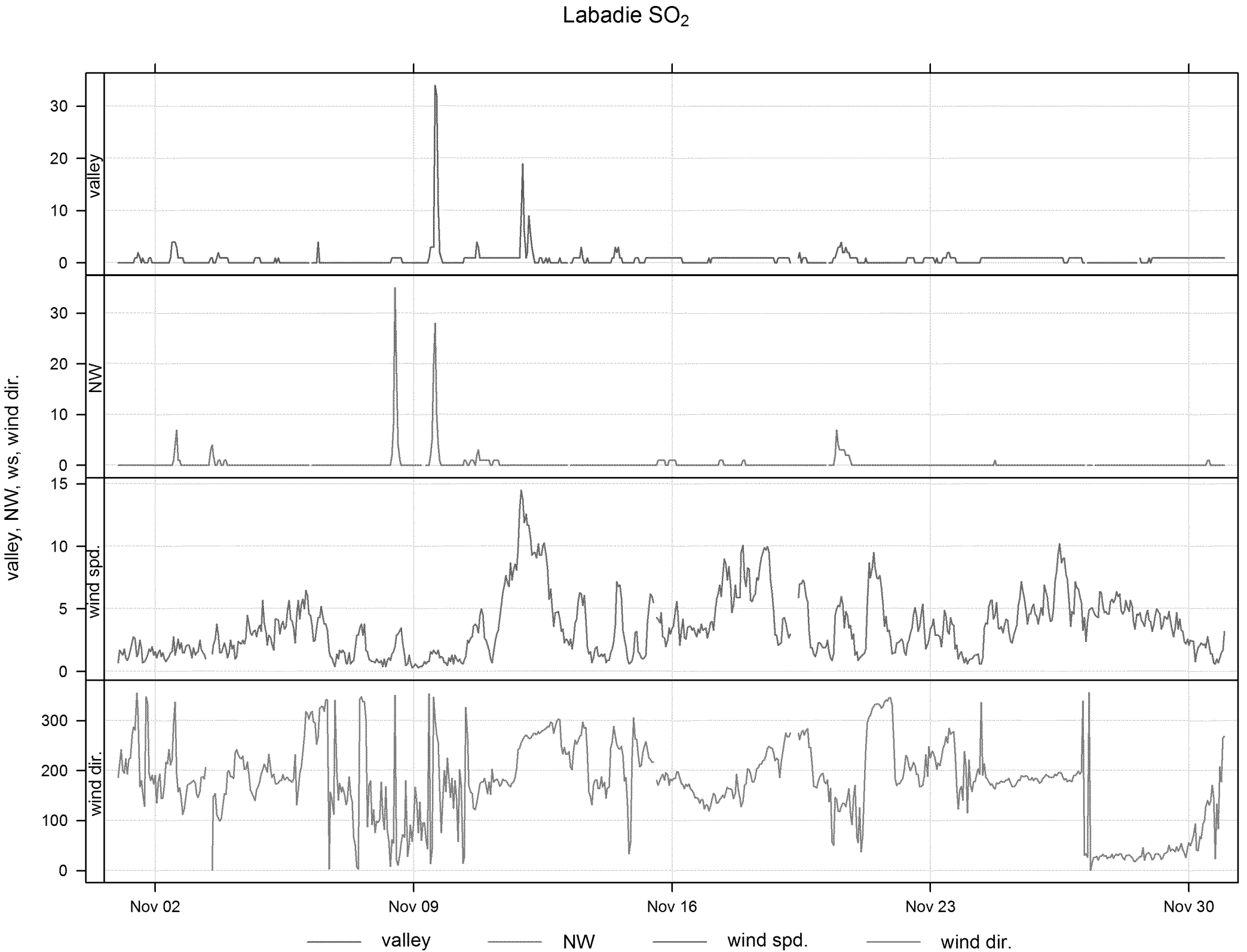

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Jun 01
Jun 08
Jun 15
Jun 22
Jun 29
valley
NW
wind spd.
wind dir.

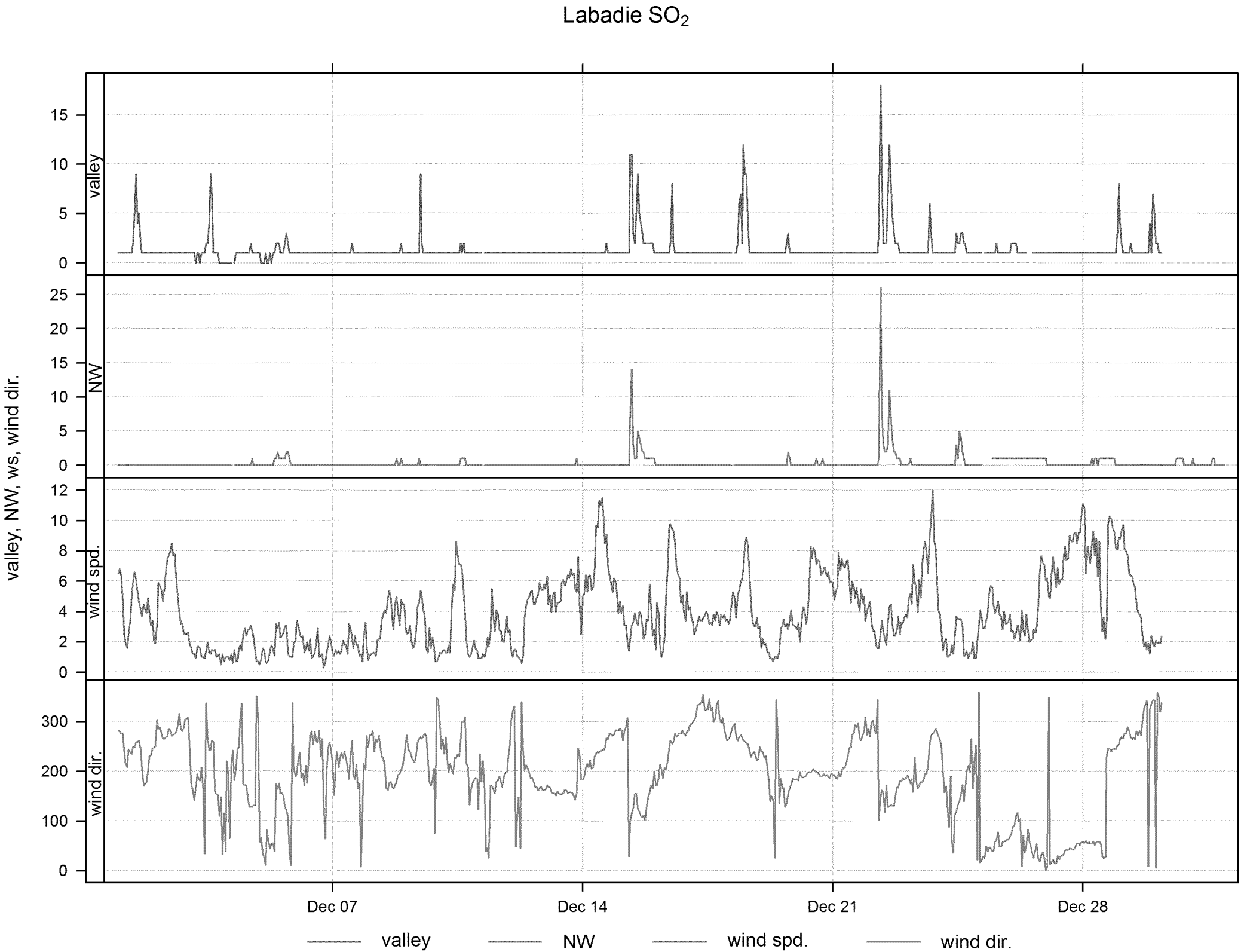

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Jul 06
Jul 13
Jul 20
Jul 27
valley
NW
wind spd.
wind dir.

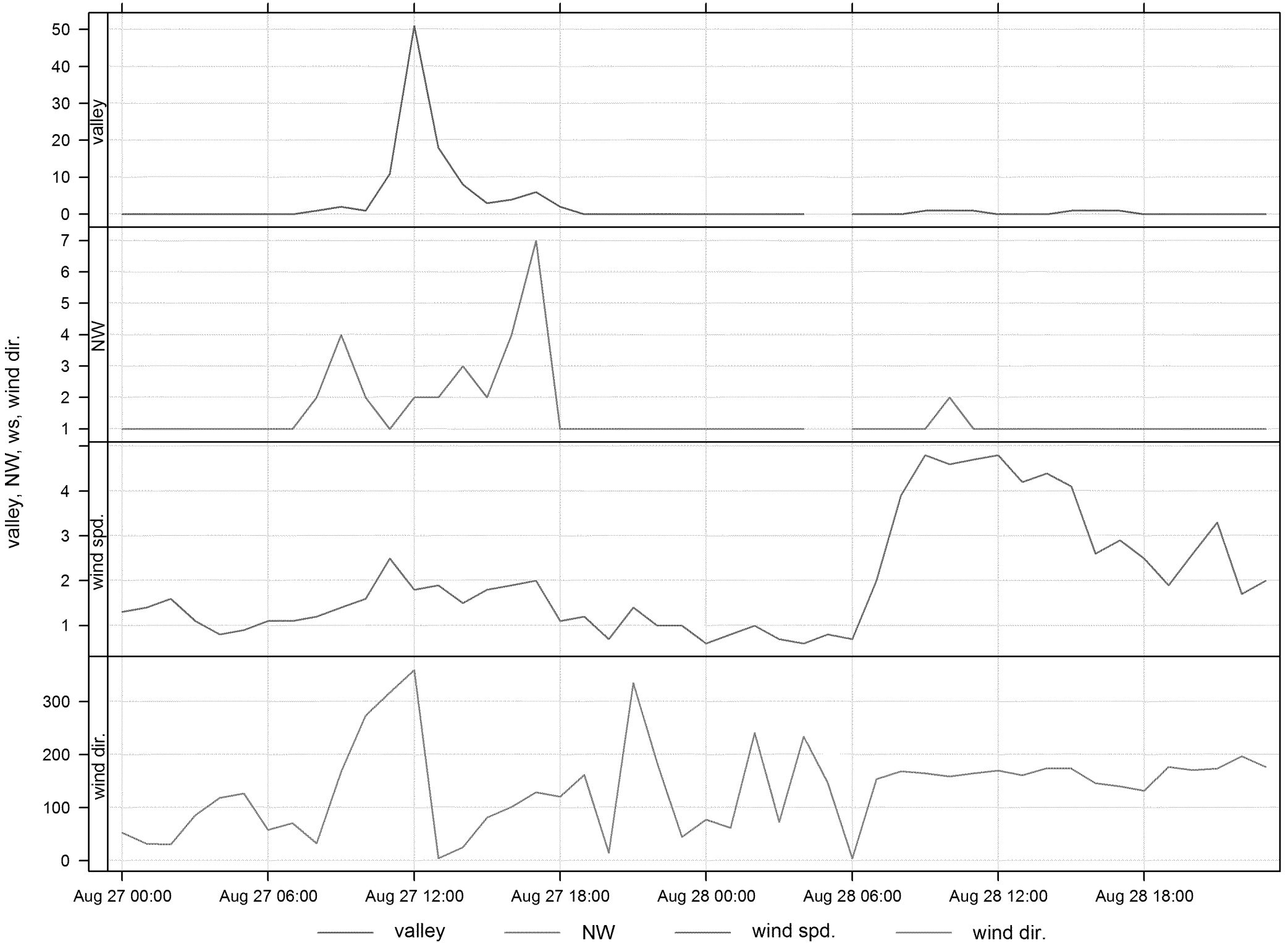

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Aug 03
Aug 10
Aug 17
Aug 24
Aug 31
valley
NW
wind spd.
wind dir.

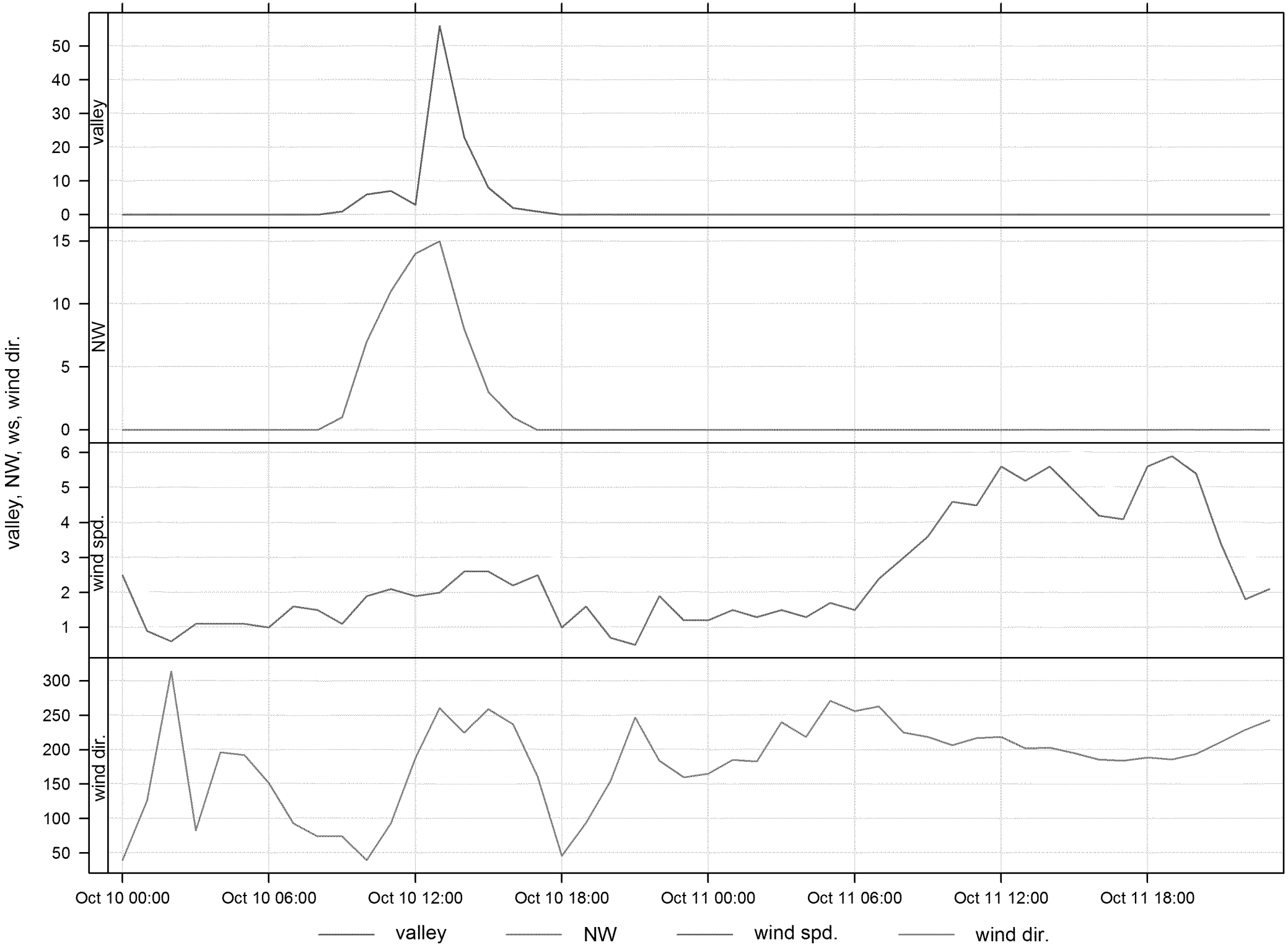

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Sep 07
Sep 14
Sep 21
Sep 28
valley
NW
wind spd.
wind dir.

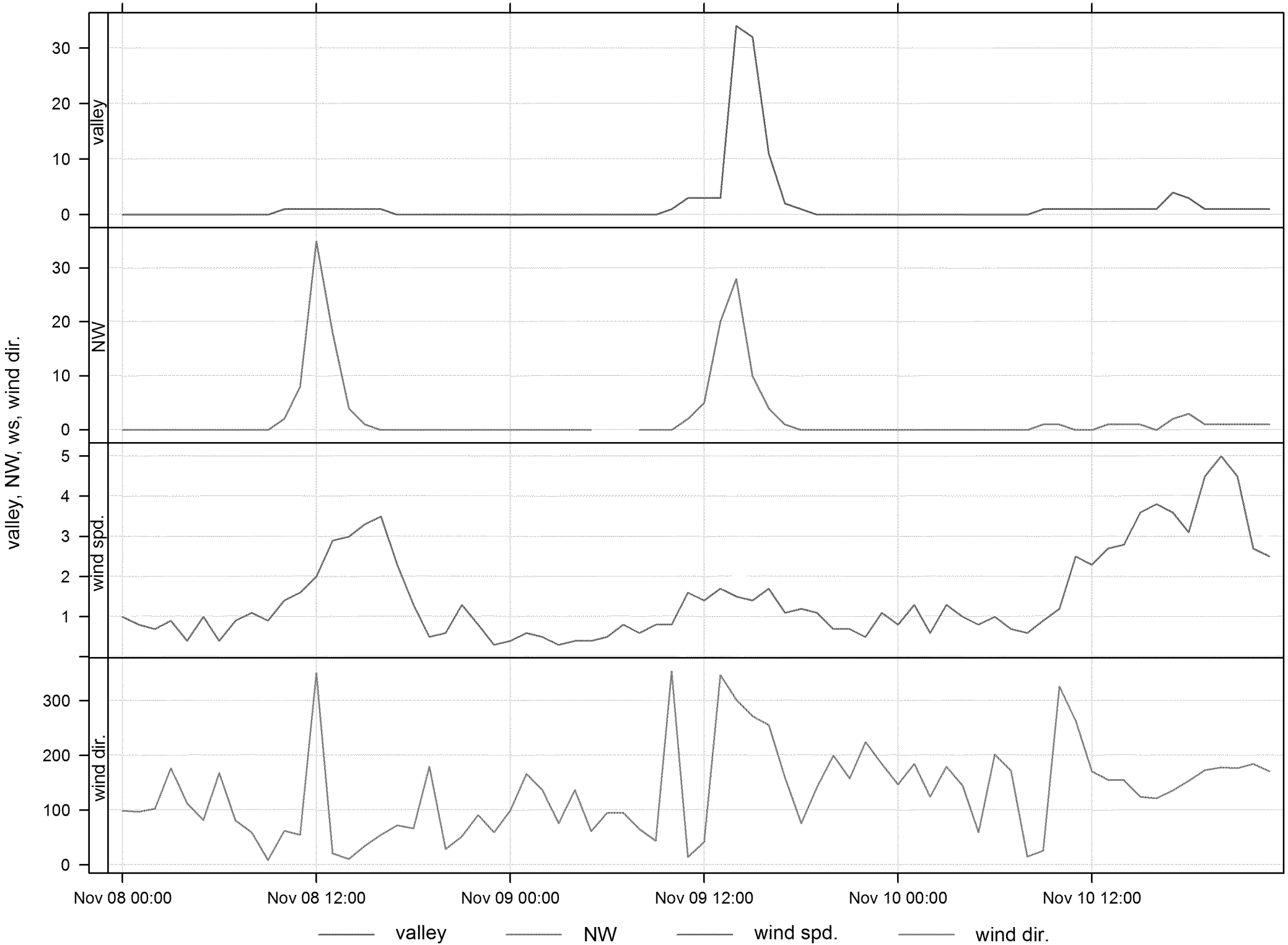

Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Oct 05
Oct 12
Oct 19
Oct 26
valley
NW
wind spd.
wind dir.


Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
0
10
20
30
5
15
100
200
300
Nov 02
Nov 09
Nov 16
Nov 23
Nov 30
valley
NW
wind spd.
wind dir.


Labadie SO_2
valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Dec 07
Dec 14
Dec 21
Dec 28
valley
NW
wind spd.
wind dir.


valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Aug 27 00:00
Aug 27 06:00
Aug 27 12:00
Aug 27 18:00
Aug 28 00:00
Aug 28 06:00
Aug 28 12:00
Aug 28 18:00
valley
NW
wind spd.
wind dir.


valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
Oct 10 00:00
Oct 10 06:00
Oct 10 12:00
Oct 10 18:00
Oct 11 00:00
Oct 11 06:00
Oct 11 12:00
Oct 11 18:00
valley
NW
wind spd.
wind dir.


valley, NW, ws, wind dir.
valley
NW
wind spd.
wind dir.
0
10
20
30
1
2
3
4
5
100
200
300
Nov 08 00:00
Nov 08 12:00
Nov 09 00:00
Nov 09 12:00
Nov 10 00:00
Nov 10 12:00
valley
NW
wind spd.
wind dir.