**Tab. 2** The dates of the periods chosen for the back trajectories analysis and the amount of precipitation: High days – days with average daily *Alternaria* air concentration equal or above 100 s m-3; Low days - days with average daily *Alternaria* concentration below 100 s m-3; N – number of days within the period; n – number of days with daily precipitation above 0 mm; Σ - the total precipitation over the n days.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Copenhagen | | | Viborg | | |
| Dates | High days | Low days | Dates | High days | Low days |
| 2012 | 24.07-01.09 | N=4  n=1  Σ=0.1 mm | N=36  n=20  Σ=53.7 mm | 19.08-26.08 | N=2  n=1  Σ=5.1 mm | N=6  n=6  Σ=16.6 mm |
| 2013 | 27.07-24.08 | N=18  n=6  Σ=14.6 mm | N=11  n=7  Σ=40.1 mm | 28.07-07.09 | N=24  n=7  Σ=16.2 mm | N=18  n=14  Σ=66.7 mm |
| 2014 | 05.07-16.08 | N=31  n=23  Σ=34.6 mm | N=12  n=9  Σ=64.2 mm | 06.07-06.09 | N=37  n=14  Σ=53.2 mm | N=26  n=9  Σ=114.8 mm |
| 2015 | 18.07-14.08 | N=26  n=13  Σ=20 mm | N=33  n=26  Σ=63.3 mm | 29.07-10.09 | N=33  n=7  Σ=35.7 mm | N=11  n=10  Σ=38 mm |