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