**Tab. 1** Airborne *Alternaria* spp. spore occurrence at the Viborg and Copenhagen stations, and local meteorology characteristics during the corresponding *Alternari*a spp. seasons (2012-2015): MSS – main spore season; ASIn – Annual Spore Integral, calculated as the sum of all daily averages measured in the year; Peak value – annual daily average concentration peak; daily concentration – daily average concentration; high days – days with daily average concentration ≥ 100 s m-3; SD – standard deviation; Temperature – daily average temperature; RH – daily average relative humidity; Daily Precipitation – daily accumulative precipitation, Number of days – days with daily precipitation >0 mm; Sep – September.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 2012 | 2013 | 2014 | 2015 |
|  | Copenhagen | Viborg | Copenhagen | Viborg | Copenhagen | Viborg | Copenhagen | Viborg |
| MSS start date and day of year  | 04 July 186 | 06 July 187 | 16 July 197 | 28 July 209 | 04 July 185 | 08 July 188 | 11 July 192 | 23 July 204 |
| MSS end date and day of year | 15 Sep 259 | 02 Sep247 | 06 Sep 249 | 05 Sep 248 | 13 Sep 256 | 02 Sep 245 | 13 Sep 256  | 06 Sep249 |
| ASIn, s day m-3 | 2,536 | 1,650 | 5,595 | 10,022 | 12,339 | 17,668 | 9,618 | 13,201 |
| Peak value, s m-3  | 359 | 135 | 390 | 1,064 | 665 | 1,173 | 1,326 | 1,414 |
| Peak date and day of year | 25 July207 | 19 August232 | 05 August217 | 02 August214 | 15 July196 | 19 July200 | 14 August226 | 14 August226 |
| Mean daily concentration, s m-3  | 32 | 26 | 95  | 240 | 159 |  279 | 133 | 257 |
| Number of high days | 4 | 2 | 18 | 24 | 31 | 37 | 26 | 33 |
| Mean Temperature, oC | 17.0 | 15.4 | 18.2 | 16.2 | 18.4 | 17.1 | 17.0 | 15.7 |
| Mean RH, % | 76.3 | 83.1 | 75.4 | 81.7 | 74.3 | 80.2 | 73.7 | 78.4 |
| Daily Precipitation sum, mmNumber of days | 110.834 | 164.163 | 72.219 | 92.222 | 21159 | 16434 | 113.440 | 115.121 |