

| Filter | Inlet  | Visual loading  | Mass concentration,<br>> 7.1 $\mu\text{g m}^{-3}$ | Fire? | SEM/<br>EDS? | Description                              | Wind speed > 20 $\text{ms}^{-1}$<br>or<br>> 10 $\text{ms}^{-1}$ for > 10 h |
|--------|--------|-----------------|---|-------|--------------|--|--|
| 12 Jun | Both   | Medium to heavy | ✓   |       |              |  | > 20 $\text{ms}^{-1}$  |
| 13 Jun | CEM    | Light           |   |       |              |  |  |
| 16 Jun | CEM    | Light           |   |       |              |  |  |
| 19 Jun | CEM    | Light           |   |       |              |  |  |
| 25 Jun | Both   | Light to medium |   |       | ✓            | Compact, some fluffy                     | > 10 h   |
| 1 Jul  | CEM    | Light           |   | ✓     |              |  |  |
| 22 Jul | Both   | Light           |   | ✓     |              |  |  |
| 23 Jul | Both   | Light to medium | ✓   | ✓     | ✓            | Compact, some fluffy                     | > 10 h   |
| 28 Jul | Teflon | Light           |   | ✓     | ✓            | Compact, some more diffuse               |  |
| 12 Aug | Both   | Medium          | ✓   |       | ✓            | Compact, some larger structures          | > 10 h   |
| 13 Aug | Both   | Medium to heavy | ✓   | ✓     |              |  | > 20 $\text{ms}^{-1}$  |
| 14 Aug | Both   | Light           | ✓   | ✓     |              |  |  |
| 18 Aug | CEM    | Light           |   | ✓     |              |  |  |
| 19 Aug | CEM    | Light           | ✓   | ✓     |              |  |  |
| 20 Aug | CEM    | Light           | ✓   | ✓     |              |  |  |
| 22 Aug | Both   | Light           |   | ✓     | ✓            | Compact and fluffy                       |  |
| 7 Sep  | CEM    | Light           |   | ✓     |              |  |  |
| 8 Sep  | CEM    | Light           |   | ✓     |              |  |  |
| 11 Sep | Both   | Light           | ✓   | ✓     | ✓            | Compact, some fluffy                     |  |
| 14 Sep | Both   | Light           | ✓   | ✓     |              |  |  |
| 15 Sep | Both   | Light           | ✓   | ✓     | ✓            | Compact and fluffy                       |  |
| 16 Sep | Both   | Medium          | ✓   | ✓     | ✓            | Compact                                  | > 10 h, > 20 $\text{ms}^{-1}$  |
| 17 Sep | Both   | Medium          | ✓   | ✓     |              |  | > 10 h, > 20 $\text{ms}^{-1}$  |
| 18 Sep | Both   | Light           | ✓   | ✓     | ✓            | Compact, some fluffy                     | > 10 h   |
| 20 Sep | CEM    | Light           |   | ✓     |              |  |  |
| 23 Sep | Both   | Light to medium | ✓   | ✓     | ✓            | Compact, some fluffy, some spores/pollen | > 10 h   |
| 24 Sep | Both   | Medium to heavy | ✓   | ✓     |              |  | > 10 h, > 20 $\text{ms}^{-1}$  |
| 25 Sep | Both   | Light to medium | ✓   |       | ✓            | Compact, some fluffy                     | > 10 h   |
| 26 Sep | CEM    | Light           |   | NA    |              |  |  |
| 3 Oct  | Both   | Light           |   | ✓     |              |  |  |
| 13 Oct | CEM    | Light           |   | ✓     |              |  |  |
| 14 Oct | Both   | Heavy           | ✓   | NA    | ✓            | Compact, disperse                        | > 10 h, > 20 $\text{ms}^{-1}$  |
| 15 Oct | Both   | Medium          | ✓   | NA    |              |  | > 10 h, > 20 $\text{ms}^{-1}$  |
| 19 Oct | Both   | Light           |   |       |              |  |  |
| 25 Oct | Both   | Light to medium | ✓   | ✓     |              |  | > 10 h, > 20 $\text{ms}^{-1}$  |
| 30 Oct | CEM    | Light           |   | NA    |              |  | > 20 $\text{ms}^{-1}$  |

NA – not available.