

MONTHLY SUMMARY SHEET



Summary Sheet For Sites : Mayfield (ASP10)

No. of days exceeding: 25000 ng/m³ is 2

Absolute Values (ng/m³)

| 2019-2019 | Mass | (NH ₄) ₂ SO ₄ | OMH | Soil | BC | Salt | K | Fe | Zn | Pb |
|-----------|-----------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Jan-19 | 10730 | 3024 | 1162 | 929 | 776 | 2682 | 73.01 | 97.37 | 12.66 | 2.29 |
| Feb-19 | 6896 | 1513 | 179 | 712 | 620 | 2333 | 41.43 | 82.05 | 27.71 | 2.51 |
| Mar-19 | 7155 | 1546 | 789 | 1341 | 639 | 1440 | 48.37 | 107.69 | 14.67 | 2.88 |
| Apr-19 | 6297 | 1149 | 1292 | 575 | 1073 | 1040 | 44.15 | 85.11 | 14.39 | 6.52 |
| May-19 | 6776 | 941 | 2023 | 921 | 1218 | 629 | 57.53 | 125.27 | 13.78 | 6.58 |
| Jun-19 | 7001 | 612 | 2679 | 610 | 1366 | 570 | 66.18 | 95.23 | 13.87 | 6.66 |
| Jul-19 | 6324 | 561 | 1978 | 706 | 1259 | 835 | 58.48 | 105.23 | 15.37 | 7.12 |
| Aug-19 | 7181 | 884 | 2056 | 1007 | 1282 | 959 | 65.93 | 138.16 | 14.98 | 7.74 |
| Sep-19 | 7218 | 1424 | 976 | 770 | 887 | 1906 | 47.35 | 99.31 | 16.77 | 2.98 |
| Oct-19 | 7090 | 1827 | 722 | 663 | 717 | 1590 | 38.97 | 69.89 | 15.80 | 2.00 |
| Nov-19 | 11565 | 1463 | 3068 | 816 | 922 | 2216 | 79.96 | 92.35 | 19.92 | 1.84 |
| Dec-19 | 17256 | 2078 | 4745 | 976 | 1151 | 3065 | 117.69 | 74.18 | 21.16 | 1.97 |
| Average | 8457 | 1418 | 1806 | 836 | 993 | 1605 | 61.59 | 97.65 | 16.76 | 4.26 |
| Stan Dev | 3241 | 686 | 1256 | 214 | 266 | 835 | 21.91 | 19.82 | 4.25 | 2.40 |
| Minimum | 1625 | 92 | 0 | 122 | 175 | 0 | 7 | 5 | 0 | 0 |
| Date | 11-Aug-19 | 11-Aug-19 | 16-Oct-19 | 05-May-19 | 31-Mar-19 | 07-Aug-19 | 17-Mar-19 | 24-Feb-19 | 11-Aug-19 | 25-Dec-19 |
| Maximum | 46592 | 5719 | 24033 | 4257 | 3370 | 5749 | 327 | 323 | 157 | 25 |
| Date | 04-Dec-19 | 27-Jan-19 | 04-Dec-19 | 31-Mar-19 | 04-Dec-19 | 22-Dec-19 | 04-Dec-19 | 14-Aug-19 | 11-Dec-19 | 04-Aug-19 |

Exceedance Information

| 2019-2019 | Mass | (NH ₄) ₂ SO ₄ | OMH | Soil | BC | Salt | K | Fe | Zn | Pb |
|-----------|-------|---|-------|------|------|------|-----|-----|----|----|
| 03-Nov-19 | 29877 | 1801 | 12931 | 1523 | 1482 | 1656 | 223 | 89 | 4 | 3 |
| 04-Dec-19 | 46592 | 1239 | 24033 | 2311 | 3370 | 1882 | 327 | 164 | 14 | 7 |

Relative Percentages (%)

| 2019-2019 | RCM% | (NH ₄) ₂ SO ₄ % | OMH% | Soil% | BC% | Salt% | K% | Fe% | Zn% | Pb% |
|-----------|------|---|------|-------|-----|-------|------|------|------|------|
| Jan-19 | 81 | 28 | 11 | 9 | 7 | 25 | 0.68 | 0.91 | 0.12 | 0.02 |
| Feb-19 | 79 | 22 | 3 | 10 | 9 | 34 | 0.60 | 1.19 | 0.40 | 0.04 |
| Mar-19 | 82 | 22 | 11 | 19 | 9 | 20 | 0.68 | 1.51 | 0.21 | 0.04 |
| Apr-19 | 84 | 18 | 21 | 9 | 17 | 17 | 0.70 | 1.35 | 0.23 | 0.10 |
| May-19 | 88 | 14 | 30 | 14 | 18 | 9 | 0.85 | 1.85 | 0.20 | 0.10 |
| Jun-19 | 87 | 9 | 38 | 9 | 20 | 8 | 0.95 | 1.36 | 0.20 | 0.10 |
| Jul-19 | 87 | 9 | 31 | 11 | 20 | 13 | 0.92 | 1.66 | 0.24 | 0.11 |
| Aug-19 | 89 | 12 | 29 | 14 | 18 | 13 | 0.92 | 1.92 | 0.21 | 0.11 |
| Sep-19 | 83 | 20 | 14 | 11 | 12 | 26 | 0.66 | 1.38 | 0.23 | 0.04 |
| Oct-19 | 79 | 26 | 10 | 9 | 10 | 22 | 0.55 | 0.99 | 0.22 | 0.03 |
| Nov-19 | 78 | 13 | 27 | 7 | 8 | 19 | 0.69 | 0.80 | 0.17 | 0.02 |
| Dec-19 | 71 | 12 | 27 | 6 | 7 | 18 | 0.68 | 0.43 | 0.12 | 0.01 |
| Average | 82 | 17 | 21 | 11 | 13 | 19 | 1 | 1 | 0 | 0 |
| Stan Dev | 5 | 7 | 11 | 4 | 5 | 7 | 0 | 0 | 0 | 0 |















