# Aircraft Noise Monitoring System

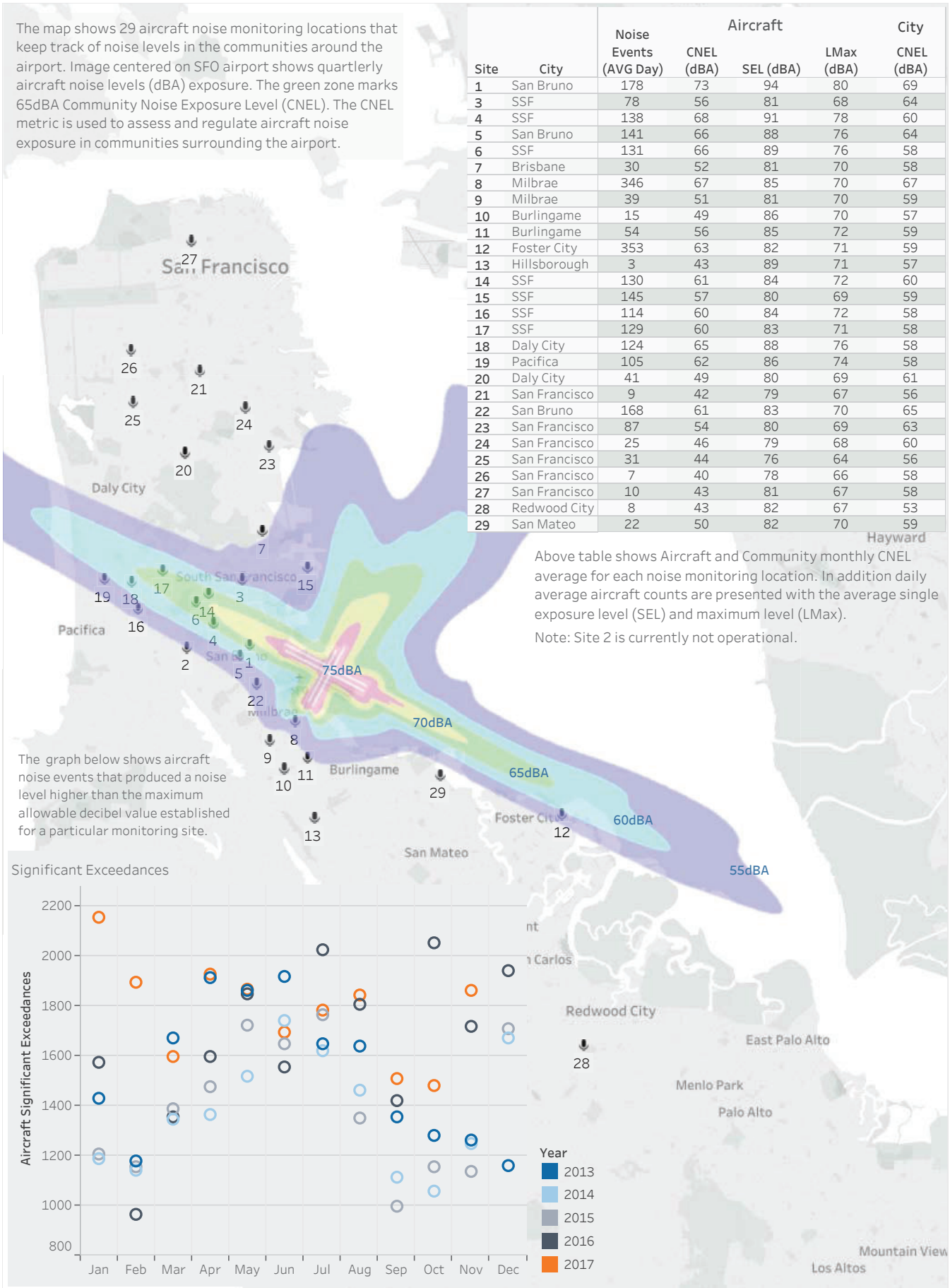
November 2017

The map shows 29 aircraft noise monitoring locations that keep track of noise levels in the communities around the airport. Image centered on SFO airport shows quartlerly aircraft noise levels (dBA) exposure. The green zone marks 65dBA Community Noise Exposure Level (CNEL). The CNEL metric is used to assess and regulate aircraft noise exposure in communities surrounding the airport.

| Site | City | Aircraft Noise Events (AVG Day) | Aircraft CNEL (dBA) | Aircraft SEL (dBA) | Aircraft LMax (dBA) | City CNEL (dBA) |
|---|---|---|---|---|---|---|
| 1 | San Bruno | 178 | 73 | 94 | 80 | 69 |
| 3 | SSF | 78 | 56 | 81 | 68 | 64 |
| 4 | SSF | 138 | 68 | 91 | 78 | 60 |
| 5 | San Bruno | 141 | 66 | 88 | 76 | 64 |
| 6 | SSF | 131 | 66 | 89 | 76 | 58 |
| 7 | Brisbane | 30 | 52 | 81 | 70 | 58 |
| 8 | Milbrae | 346 | 67 | 85 | 70 | 67 |
| 9 | Milbrae | 39 | 51 | 81 | 70 | 59 |
| 10 | Burlingame | 15 | 49 | 86 | 70 | 57 |
| 11 | Burlingame | 54 | 56 | 85 | 72 | 59 |
| 12 | Foster City | 353 | 63 | 82 | 71 | 59 |
| 13 | Hillsborough | 3 | 43 | 89 | 71 | 57 |
| 14 | SSF | 130 | 61 | 84 | 72 | 60 |
| 15 | SSF | 145 | 57 | 80 | 69 | 59 |
| 16 | SSF | 114 | 60 | 84 | 72 | 58 |
| 17 | SSF | 129 | 60 | 83 | 71 | 58 |
| 18 | Daly City | 124 | 65 | 88 | 76 | 58 |
| 19 | Pacifica | 105 | 62 | 86 | 74 | 58 |
| 20 | Daly City | 41 | 49 | 80 | 69 | 61 |
| 21 | San Francisco | 9 | 42 | 79 | 67 | 56 |
| 22 | San Bruno | 168 | 61 | 83 | 70 | 65 |
| 23 | San Francisco | 87 | 54 | 80 | 69 | 63 |
| 24 | San Francisco | 25 | 46 | 79 | 68 | 60 |
| 25 | San Francisco | 31 | 44 | 76 | 64 | 56 |
| 26 | San Francisco | 7 | 40 | 78 | 66 | 58 |
| 27 | San Francisco | 10 | 43 | 81 | 67 | 58 |
| 28 | Redwood City | 8 | 43 | 82 | 67 | 53 |
| 29 | San Mateo | 22 | 50 | 82 | 70 | 59 |

Above table shows Aircraft and Community monthly CNEL average for each noise monitoring location. In addition daily average aircraft counts are presented with the average single exposure level (SEL) and maximum level (LMax).

Note: Site 2 is currently not operational.




The graph below shows aircraft noise events that produced a noise level higher than the maximum allowable decibel value established for a particular monitoring site.