

## “Blame the weather? How people 9 miles away heard the thumping of music in Inglewood”\*

- The “HARD Summer” music festival at SoFi Stadium in Inglewood on August 3<sup>rd</sup> and 4<sup>th</sup> resulted in unexpected high number of noise complaints from residents as far as 9 miles away.
- Los Angeles Times reported bass (low frequency noise) was noticed mostly by communities southwest of SoFi (El Segundo, Manhattan Beach, Hermosa Beach, North Redondo Beach).
  - Low-frequency noise travels farther and is less obstructed by buildings.
- Los Angeles Times reported two professors (UC Irvine and University of Michigan) agreed the likely cause was a **temperature inversion**.
- **Temperature inversions are a common weather phenomena in the LA Basin, especially May through mid-October.**
  - **When the inversion layer occurs at lower altitudes, aircraft noise from LAX may travel further/seem louder; commonly reported as a “sudden change” in the community even though operations and flight paths remain the same. This was a result of the “360 at South Bay” study from 2017.**

