

Monthly Average PM₁₀ Concentrations at the Coastal Boundary and Wilmington Community Sites

February 2005 – June 2019

| Month | Port of Los Angeles Monitoring Sites | |
|----------|--------------------------------------|----------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. (µg/m ³) | Conc. (µg/m ³) |
| Feb - 05 | | 17.0 |
| Mar - 05 | | 14.4 |
| Apr - 05 | | 16.0 |
| May - 05 | | 25.5 |
| Jun - 05 | | 25.6 |
| Jul - 05 | | 28.6 |
| Aug - 05 | | 27.5 |
| Sep - 05 | | 34.1 |
| Oct - 05 | | 30.2 |
| Nov - 05 | | 37.2 |
| Dec - 05 | | 34.2 |
| Jan - 06 | | 32.6 |
| Feb - 06 | | 32.8 |
| Mar - 06 | | 19.4 |
| Apr - 06 | | 16.4 |
| May - 06 | | 26.5 |
| Jun - 06 | | 26.5 |
| Jul - 06 | | 29.6 |
| Aug - 06 | | 26.6 |
| Sep - 06 | | 30.4 |

| Month | Port of Los Angeles Monitoring Sites | |
|-----------|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Oct - 06 | | 28.8 |
| Nov - 06 | | 33.5 |
| Dec - 06 | | 31.2 |
| Jan - 07 | -- | 32.0 |
| Feb - 07 | -- | 27.0 |
| Mar - 07 | -- | 24.9 |
| Apr - 07 | -- | 25.8 |
| May - 07 | -- | 25.2 |
| Jun - 07 | -- | 26.3 |
| Jul - 07 | -- | 23.2 |
| Aug - 07 | -- | 25.5 |
| Sep - 07 | -- | 26.0 |
| Oct - 07 | -- | 43.6 |
| Nov - 07 | -- | 40.7 |
| Dec - 07 | -- | 31.3 |
| Jan - 08 | -- | 22.6 |
| Feb - 08 | -- | 22.4 |
| Mar - 08 | -- | 27.7 |
| Apr - 08 | -- | 27.2 |
| May - 08 | -- | 29.7 |
| Jun - 08 | -- | 28.7 |
| July - 08 | -- | 25.2 |
| Aug - 08 | -- | 20.8 |

| Month | Port of Los Angeles Monitoring Sites | |
|-----------|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Sept - 08 | 21.6 | 24.1 |
| Oct - 08 | 24.0 | 28.3 |
| Nov - 08 | 22.9 | 30.6 |
| Dec - 08 | 18.0 | 23.9 |
| Jan - 09 | 26.9 | 34.1 |
| Feb - 09 | 16.6 | 18.1 |
| Mar - 09 | 19.6 | 22.2 |
| Apr - 09 | 25.6 | 25.8 |
| May - 09 | 23.7 | 28.7 |
| Jun - 09 | 17.0 | 17.6 |
| Jul - 09 | 22.5 | 21.9 |
| Aug - 09 | 24.3 | 21.7 |
| Sept - 09 | 24.1 | 24.4 |
| Oct - 09 | 26.0 | 26.5 |
| Nov - 09 | 29.0 | 29.9 |
| Dec - 09 | 30.3 | 29.8 |
| Jan - 10 | 30.3 | 24.5 |
| Feb - 10 | 20.7 | 18.1 |
| Mar - 10 | 21.7 | 19.2 |
| Apr - 10 | 20.1 | 19.7 |
| May - 10 | 24.5 | 23.0 |
| June - 10 | 20.5 | 19.7 |
| July - 10 | 18.6 | 21.9 |

| Month | Port of Los Angeles Monitoring Sites | |
|-----------|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Aug - 10 | 20.6 | 19.7 |
| Sept - 10 | 20.5 | 20.4 |
| Oct - 10 | 16.7 | 16.7 |
| Nov - 10 | 18.3 | 16.5 |
| Dec - 10 | 19.2 | 19.5 |
| Jan - 11 | 29.6 | 21.9 |
| Feb - 11 | 18.6 | 19.3 |
| Mar - 11 | 24.8 | 24.7 |
| Apr - 11 | 29.1 | 26.1 |
| May - 11 | 27.2 | 36.3 |
| June - 11 | 20.4 | 32.3 |
| July - 11 | 22.7 | 24.7 |
| Aug - 11 | 22.8 | 26.3 |
| Sept - 11 | 26.2 | 28.8 |
| Oct - 11 | 25.1 | 30.2 |
| Nov - 11 | 31.8 | 33.0 |
| Dec - 11 | 29.3 | 40.0 |
| Jan - 12 | 34.1 | 36.4 |
| Feb - 12 | 25.8 | 26.4 |
| Mar - 12 | 16.3 | 17.1 |
| Apr - 12 | 22.0 | 21.3 |
| May - 12 | 28.8 | 36.2 |
| Jun - 12 | 25.0 | 24.8 |

| Month | Port of Los Angeles Monitoring Sites | |
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| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Jul - 12 | 19.6 | 18.3 |
| Aug - 12 | 24.6 | 23.8 |
| Sept - 12 | 29.7 | 26.9 |
| Oct - 12 | 20.0 | 22.1 |
| Nov - 12 | 20.2 | 18.4 |
| Dec - 12 | 26.2 | 25.0 |
| Jan - 13 | -- | 28.2 |
| Feb - 13 | -- | -- |
| Mar - 13 | 20.9 | 23.4 |
| Apr - 13 | 27.0 | 25.2 |
| May - 13 | 28.6 | 30.3 |
| Jun - 13 | 19.3 | 20.3 |
| Jul - 13 | 20.7 | 21.3 |
| Aug - 13 | 17.5 | 20.1 |
| Sep - 13 | 25.3 | 24.6 |
| Oct - 13 | 27.4 | 31.9 |
| Nov - 13 | 24.8 | 19.6 |
| Dec - 13 | 30.4 | 37.6 |
| Jan - 14 | 39.4 | 47.1 |
| Feb - 14 | 23.1 | 24.4 |
| Mar - 14 | 27.0 | 29.4 |
| Apr - 14 | 36.4 | 30.3 |
| May - 14 | 27.7 | 27.7 |

| Month | Port of Los Angeles Monitoring Sites | |
|----------|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Jun - 14 | 23.2 | 24.3 |
| Jul - 14 | 19.9 | 23.0 |
| Aug - 14 | 35.1 | 21.7 |
| Sep - 14 | 29.6 | 26.4 |
| Oct - 14 | 25.1 | 24.6 |
| Nov - 14 | 21.2 | 21.4 |
| Dec - 14 | 17.9 | 23.7 |
| Jan - 15 | 28.7 | 28.6 |
| Feb - 15 | -- | 30.4 |
| Mar - 15 | -- | 26.8 |
| Apr - 15 | 28.0 | 24.3 |
| May - 15 | 22.3 | 22.9 |
| Jun - 15 | 22.6 | 23.3 |
| Jul - 15 | 16.6 | 16.8 |
| Aug - 15 | 29.0 | 27.6 |
| Sep - 15 | 28.0 | 24.8 |
| Oct - 15 | 29.1 | 28.5 |
| Nov - 15 | 27.7 | 29.5 |
| Dec - 15 | 22.6 | 25.5 |
| Jan - 16 | 18.9 | 20.7 |
| Feb - 16 | 30.3 | 25.2 |
| Mar - 16 | 25.4 | 22.7 |
| Apr - 16 | 28.6 | 25.0 |

| Month | Port of Los Angeles Monitoring Sites | |
|-----------|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| May - 16 | 14.1 | 13.7 |
| Jun - 16 | 22.4 | 23.7 |
| Jul - 16 | -- | 25.9 |
| Aug - 16 | -- | 22.9 |
| Sep - 16 | -- | 26.7 |
| Oct - 16 | 24.2 | 27.7 |
| Nov - 16 | 26.8 | 28.8 |
| Dec - 16 | 25.0 | 30.6 |
| Jan - 17 | 24.0 | 26.9 |
| Feb - 17 | 15.9 | 12.6 |
| Mar - 17 | 16.8 | 20.1 |
| Apr - 17 | 22.9 | 20.6 |
| May - 17 | 22.4 | 19.2 |
| June - 17 | 18.4 | 17.4 |
| Jul - 17 | 20.1 | 18.6 |
| Aug - 17 | 23.9 | 26.1 |
| Sep - 17 | 22.6 | 23.2 |
| Oct - 17 | 41.6 | 33.3 |
| Nov - 17 | 19.6 | 26.2 |
| Dec - 17 | 38.2 | 41.8 |
| Jan - 18 | 25.7 | 26.5 |
| Feb - 18 | 25.4 | 28.4 |
| Mar - 18 | 17.2 | 15.5 |

| Month | Port of Los Angeles Monitoring Sites | |
|-----------|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Apr - 18 | 30.8 | 27.4 |
| May - 18 | 17.2 | 19.2 |
| June - 18 | 22.1 | 23.0 |
| July - 18 | 18.6 | 19.7 |
| Aug - 18 | 29.3 | 30.4 |
| Sep - 18 | 20.3 | 21.7 |
| Oct - 18 | 26.1 | 25.6 |
| Nov - 18 | 22.6 | 29.1 |
| Dec - 18 | 26.6 | 30.6 |
| Jan - 19 | 23.8 | 23.1 |
| Feb - 19 | 19.7 | 18.2 |
| Mar - 19 | 12.4 | 12.4 |
| Apr - 19 | 24.4 | 21.0 |
| May - 19 | 19.3 | 16.1 |
| Jun - 19 | 12.1 | 11.2 |

| Month | Port of Los Angeles Monitoring Sites | |
|--|--------------------------------------|------------------------------------|
| | Coastal Boundary Site | Wilmington Community Site |
| | Conc. ($\mu\text{g}/\text{m}^3$) | Conc. ($\mu\text{g}/\text{m}^3$) |
| Annual Averages | | |
| 2005 | -- | 27.1 |
| 2006 | -- | 27.8 |
| 2007 | -- | 29.3 |
| 2008 | -- | 25.8 |
| 2009 | 23.8 | 25.3 |
| 2010 | 21.0 | 19.9 |
| 2011 | 25.5 | 28.6 |
| 2012 | 24.4 | 25.1 |
| 2013 | 24.4 | 26.0 |
| 2014 | 27.0 | 27.0 |
| 2015 | 25.5 | 25.7 |
| 2016 | 23.5 | 24.3 |
| 2017 | 24.0 | 23.8 |
| 2018 | 23.5 | 24.7 |
| <ul style="list-style-type: none"> • Annual PM₁₀ California standard is 20 $\mu\text{g}/\text{m}^3$ • No Annual PM₁₀ Federal standard • The PM₁₀ average for 2005 is based on 11 months of data (Feb-Dec) | | |