

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

February 2005 - January 2023

Month	Port of Los Angeles Monitoring Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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 Stations	
	Coastal Boundary Station	Wilmington Community Station
	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
Jul -19	26.8	23.1
Aug - 19	22.9	21.4
Sep - 19	24.3	24.5
Oct - 19	44.4	42.6
Nov - 19	24.2	24.0
Dec - 19	19.6	22.7
Jan - 20	28.1	26.2
Feb - 20	25.4	24.1

Month	Port of Los Angeles Monitoring Stations	
	Coastal Boundary Station	Wilmington Community Station
	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
Mar - 20	15.5	13.8
Apr - 20	23.3	19.2
May - 20	--	22.4
Jun - 20	--	18.7
Jul - 20	--	17.4
Aug - 20	--	18.4
Sep - 20	--	40.7
Oct - 20	--	27.8
Nov - 20	--	32.9
Dec - 20	--	38.6
Jan - 21	--	34.8
Feb - 21	--	25.2
Mar - 21	--	22.3
Apr - 21	--	28.7
May - 21	--	--
Jun - 21	--	--
Jul - 21	--	--
Aug - 21	--	--
Sep - 21	--	--
Oct - 21	--	--
Nov - 21	--	--
Dec - 21	--	--
Jan - 22	--	--

Month	Port of Los Angeles Monitoring Stations	
	Coastal Boundary Station	Wilmington Community Station
	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
Feb - 22	--	--
Mar - 22	--	--
Apr - 22	--	--
May - 22	--	--
Jun - 22	--	23.8
Jul - 22	--	29.2
Aug - 22	--	20.7
Sep - 22	--	26.3
Oct - 22	--	27.3
Nov - 22	--	23.3
Dec - 22	--	21.4
Jan - 23	--	28.0

Month	Port of Los Angeles Monitoring Stations	
	Coastal Boundary Station	Wilmington Community Station
	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
2019	22.8	21.7
2020	--	24.9
2021	--	27.7
2022	--	24.5

- Annual PM₁₀ California standard is 20 $\mu\text{g}/\text{m}^3$.
- No Annual PM₁₀ Federal standard.
- Annual PM₁₀ averages for 2005 is based on 11 months of data (Feb - Dec).
- Filter-based PM₁₀ monitoring at Coastal Boundary station suspended April 25, 2020.
- Filter-based PM₁₀ monitoring at Wilmington Community station suspended May 1, 2021 to June 16, 2022.
- 2021 annual average at Wilmington Community station based on data from January to April 2021.
- 2022 annual average at Wilmington Community station based on data from June to December 2022.