

National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) Attainment Status for South Coast Air Basin

CRITERIA POLLUTANT	STANDARD	AVERAGING TIME	DESIGNATION <sup>a)</sup>	ATTAINMENT DATE <sup>b)</sup>
<b>1-Hour Ozone</b>	NAAQS	1979 1-Hour (0.12 ppm)	Nonattainment (Extreme)	12/31/2022 Originally 11/15/2010 (not attained) <sup>c)</sup>
	CAAQS	1-Hour (0.09 ppm)	Nonattainment	N/A
<b>8-Hour Ozone<sup>d)</sup></b>	NAAQS	1997 8-Hour (0.08 ppm)	Nonattainment (Extreme)	6/15/2024
	NAAQS	2008 8-Hour (0.075 ppm)	Nonattainment (Extreme)	7/20/2032
	NAAQS	2015 8-Hour (0.070 ppm)	Nonattainment (Extreme)	8/3/2038
	CAAQS	8-Hour (0.070 ppm)	Nonattainment	N/A
<b>CO</b>	NAAQS	1-Hour (35 ppm) 8-Hour (9 ppm)	Attainment (Maintenance)	6/11/2007 (attained)
	CAAQS	1-Hour (20 ppm) 8-Hour (9 ppm)	Attainment	6/11/2007 (attained)
<b>NO<sub>2</sub><sup>e)</sup></b>	NAAQS	1-Hour (0.10 ppm)	Unclassifiable/Attainment	N/A (attained)
	NAAQS	Annual (0.053 ppm)	Attainment (Maintenance)	9/22/1998 (attained)
	CAAQS	1-Hour (0.18 ppm) Annual (0.030 ppm)	Attainment	---
<b>SO<sub>2</sub><sup>f)</sup></b>	NAAQS	1-Hour (75 ppb)	Unclassifiable/Attainment	1/9/2018
	NAAQS	24-Hour (0.14 ppm) Annual (0.03 ppm)	Unclassifiable/Attainment	3/19/1979 (attained)
<b>PM<sub>10</sub></b>	NAAQS	1987 24-hour (150 µg/m <sup>3</sup> )	Attainment (Maintenance) <sup>g)</sup>	7/26/2013 (attained)
	CAAQS	24-hour (50 µg/m <sup>3</sup> ) Annual (20 µg/m <sup>3</sup> )	Nonattainment	N/A

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<b>PM<sub>2.5</sub></b> <sup>h)</sup>	NAAQS	2006 24-Hour (35 µg/m <sup>3</sup> )	Nonattainment (Serious)	12/31/2023
	NAAQS	1997 Annual (15.0 µg/m <sup>3</sup> )	Attainment	8/24/2016
	NAAQS	2012 Annual (12.0 µg/m <sup>3</sup> )	Nonattainment (Serious)	12/31/2025
	NAAQS	2024 Annual (9.0 µg/m <sup>3</sup> )	TBD	TBD
	CAAQS	Annual (12.0 µg/m <sup>3</sup> )	Nonattainment	N/A
<b>Lead</b>	NAAQS	3-Months Rolling (0.15 µg/m <sup>3</sup> )	Nonattainment (Partial) <sup>i)</sup>	12/31/2015
<b>Hydrogen Sulfide (H<sub>2</sub>S)</b>	CAAQS	1-Hour (0.03 ppm/42 µg/m <sup>3</sup> )	Attainment	---
<b>Sulfates</b>	CAAQS	24-Hour (25 µg/m <sup>3</sup> )	Attainment	---
<b>Vinyl Chloride</b>	CAAQS	24-Hour (0.01 ppm/26 µg/m <sup>3</sup> )	Attainment	---

- a) U.S. EPA often only declares Nonattainment areas; everywhere else is listed as Unclassifiable/Attainment or Unclassifiable
- b) A design value below the NAAQS for data through the full year or smog season prior to the attainment date is typically required for attainment demonstration
- c) 1-hour O<sub>3</sub> standard (0.12 ppm) was revoked, effective June 15, 2005; however, the Basin has not attained this standard and is still subject to anti-backsliding requirements
- d) 1997 8-hour O<sub>3</sub> standard (0.08 ppm) was reduced (0.075 ppm), effective May 27, 2008; the revoked 1997 O<sub>3</sub> standard is still subject to anti-backsliding requirements
- e) New NO<sub>2</sub> 1-hour standard, effective August 2, 2010; attainment designations January 20, 2012; annual NO<sub>2</sub> standard retained
- f) The 1971 annual and 24-hour SO<sub>2</sub> standards were revoked, effective August 23, 2010; however, these 1971 standards will remain in effect until one year after U.S. EPA promulgates area designations for the 2010 SO<sub>2</sub> 1-hour standard.
- g) Annual PM<sub>10</sub> standard was revoked, effective December 18, 2006; 24-hour PM<sub>10</sub> NAAQS deadline was 12/31/2006; SCAQMD request for attainment redesignation and PM<sub>10</sub> maintenance plan was approved by U.S. EPA on June 26, 2013, effective July 26, 2013.
- h) Attainment deadline for the 2006 24-Hour PM<sub>2.5</sub> NAAQS (designation effective December 14, 2009) is December 31, 2023 (an attainment date extension, as allowed under Clean Air Act Section 189(d), was requested in 2019). Annual PM<sub>2.5</sub> standard was revised on January 15, 2013, effective March 18, 2013, from 15 to 12 µg/m<sup>3</sup>. Designations effective April 15, 2015, so Serious area attainment deadline is December 31, 2025.
- i) Partial Nonattainment designation – Los Angeles County portion of Basin only for near-source monitors. Expect redesignation to attainment based on current monitoring data.