Dallas Metropolitan Area

The U. S. Environmental Protection Agency (EPA) has provided a scale called the Air Quality Index (AQI) for rating air quality. This scale is based on the National Ambient Air Quality Standards (NAAQS) and is described in the Code of Federal Regulations, Part 58, Appendix G. This report is based on the AQI standards. More information on the AQI can be found on the EPA's AirNow web site.

- Interpreting the AQI

Reporting for September 5, 2024 September 5 2024 Select a Different Date

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Monitoring Sites in the Dallas Metro Area	Air Quality Rating	Critical Pollutant	Air Quality Index													
			Ozone				Carbon Monoxide		Sulfur Dioxide		Nitrogen Dioxide		PM-10 (Std Cond)		PM-2.5 (Lcl Acpt	
			1-Hour		8-Hour		8-Hour		1-Hour		1-Hour		24-Hour		24-Hour	
			AQI	ppb	AQI	ppb	AQI	ppm	AQI	ppb	AQI	ppb	AQI	µg/m³ (25° C)	AQI	µg/m LC
Dallas County	**Moderate**	PM-2.5	*	47	40	43	2	0.2	1	0.5	26	27.3			52	9.9
Convention Center C312	**Moderate**	PM-2.5														
Dallas Bexar Street C1096	**Moderate**	PM-2.5													**52**	**9.9**
Dallas Executive Airport C402	**Good**	Ozone	*	47	**40**	**43**					17	17.7				
Dallas Hinton St. C401/C60/AH161 (1)	**Good**	Ozone	*	46	**39**	**42**	2	0.2	1	0.5				§§		
Dallas LBJ Freeway C1067	**Good**	Nitrogen Dioxide									**26**	**27.3**				
Dallas North No.2 C63/C679	**Good**	Ozone	*	43	**36**	**39**					21	22.1				
Collin County	**Good**	Ozone	*	43	**38**	**41**										
Frisco C31/C680	**Good**	Ozone	*	43	**38**	**41**										
Denton County	**Moderate**	PM-2.5	*	46	39	42					11	11.4				
Denton Airport South C56/A163/X157	**Moderate**	PM-2.5	*	40	34	37					11	11.4				
Pilot Point C1032	**Good**	Ozone	*	46	**39**	**42**										
Ellis County	**Good**	Ozone	*	47	**36**	**39**					4	4.0				
Italy C1044/A323	**Good**	Ozone	*	47	**36**	**39**					4	4.0				
Hunt County	**Good**	Ozone	*	43	**33**	**36**					7	7.1				
Greenville C1006/A198	**Good**	Ozone	*	43	**33**	**36**					7	7.1				

Johnson County	**Good**	Ozone	*	57	**46**	**50**										
Cleburne Airport C77/C682	**Good**	Ozone	*	57	**46**	**50**										
Kaufman County	**Good**	PM-2.5	*	41	33	36			1	0.5	8	8.2				
Kaufman C71/A304/X071	**Good**	PM-2.5	*	41	33	36			1	0.5	8	8.2				
Navarro County	**Moderate**	PM-2.5	*	45	36	39			3	2.2	10	10.5				
Corsicana Airport C1051	**Moderate**	PM-2.5	*	45	36	39			3	2.2	10	10.5				
Rockwall County	**Good**	Ozone	*	42	**34**	**37**										
Rockwall Heath C69	**Good**	Ozone	*	42	**34**	**37**										

The highest AQI value and associated average (1-hour, 8-hour, or 24-hour) that is responsible for the AQI rating are highlighted table.

PM-10 is measured at standard pressure and temperature conditions.

PM-2.5 is measured at local pressure and temperature conditions.

(1) - This monitoring site is not reporting one or more parameters.

§§ - There have been no hourly averages of this parameter collected for September 5, 2024 at this site.

* - There is no AQI associated with hourly ozone averages less than 0.125 ppm (125 ppb).

PLEASE NOTE: Data in this table are collected from air monitoring sites in Texas where data are reported to EPA. Site-specific information is available for each site by clicking on the site name. These data have not been verified by the TCEQ or the responsible entity and may change. While these are the most current data, they are not official until they have been certified by the appropriate technical staff. This table is updated hourly. Click here for information about all the monitoring sites.

The table above lists the current peak concentrations for each pollutant, the corresponding Air Quality Index (AQI) category, and the AQI ratings for each of the NAAQS pollutants that are measured real-time. The table is updated each hour and covers the period from midnight through the indicated ending time for today's data or from midnight to midnight on other days. Listings are provided for each monitoring site within the Dallas metropolitan area where pollutant levels are monitored by the TCEQ.

Interpreting the AQI

Each NAAQS pollutant has a separate AQI scale, with an AQI rating of 100 corresponding to the concentration of the Federal Standard for that pollutant. Additional information about the AQI and how it can be used is available from the EPA's AirNow web site.

Place your mouse pointer over the scale displayed above to view information about the Air Quality Index, and each of the rating levels.

The actual index calculation is different for each parameter measured and is specified by the EPA. The following table shows the various breakpoints used in calculating the AQI.

AQI Breakpoint Definitions									
AQI Range	**1hr Ozone in ppm**	**8hr Ozone in ppm**	**8hr Carbon Monoxide in ppm**	**1hr Sulfur Dioxide in ppm**	**24hr Sulfur Dioxide in ppm**	**1hr Nitrogen Dioxide in ppm**	**24hr PM-10 in µg/m³ (25° C)**	**24hr PM-2.5 in µg/m³ LC**	**24hr PM-2.5 in µg/m³ LC**
0 - 50	Not Defined	0 - 0.054	0 - 4.4	0 - 0.035	Not Defined	0 - 0.053	0 - 54	0 - 9.0	0 - 9.0
51 - 100	Not Defined	0.055 - 0.070	4.5 - 9.4	0.036 - 0.075	Not Defined	0.054 - 0.1	55 - 154	9.1 - 35.4	9.1 - 35.4

101 - 150	0.125 - 0.164	0.071 - 0.085	9.5 - 12.4	0.076 - 0.185	Not Defined	0.101 - 0.36	155 - 254	35.5 - 55.4	35.5 - 55.4
151 - 200	0.165 - 0.204	0.086 - 0.105	12.5 - 15.4	0.186 - 0.304	Not Defined	0.361 - 0.649	255 - 354	55.5 - 125.4	55.5 - 125.4
201 - 300	0.205 - 0.404	0.106 - 0.200	15.5 - 30.4	Not Defined	0.305 - 0.604	0.65 - 1.249	355 - 424	125.5 - 225.4	125.5 - 225.4
301 - 400	0.405 - 0.504	Not Defined	30.5 - 40.4	Not Defined	0.605 - 0.804	1.25 - 1.649	425 - 504	225.5 - 350.4	225.5 - 350.4
401 - 500	Not Defined	Not Defined	40.5 - 50.4	Not Defined	0.805 - 1.004	1.65 - 2.049	505 - 604	350.5 - 500.4	350.5 - 500.4
500+	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined

- The AQI for ozone is based on either the peak eight-hour running average since midnight OR the peak one-hour measurement since midnight.
- The AQI for carbon monoxide is based on the peak eight-hour running average since midnight.
- The AQI for sulfur dioxide is based on the peak one-hour measurement since midnight. There is a secondary NAAQS based on a 24-hour average of sulfur dioxide sampled from midnight to midnight, but this NAAQS has such a high starting point that is is never expected to be reached.
- The AQI for nitrogen dioxide is based on the peak one-hour measurement since midnight.
- The AQI for PM-10 is based on a 24-hour average sampled from midnight to midnight.
- The AQI for PM-2.5 is based on a 24-hour average sampled from midnight to midnight.
- The AQI for PM-2.5 is based on a 24-hour average sampled from midnight to midnight.

PLEASE NOTE: This data has not been verified by the TCEQ and may change. This is the most current data, but it is not official until it has been certified by our technical staff. Data is collected from TCEQ ambient monitoring sites and may include data collected by other outside agencies. This data is updated hourly. All times shown are in local standard time unless otherwise indicated.

Following EPA reporting guidelines, negative values may be displayed in our hourly criteria air quality data, down to the negative of the EPA listed Method Detection Limit (MDL) for the particular instrument that made the measurements. The reported concentrations can be negative due to zero drift in the electronic instrument output, data logger channel, or calibration adjustments to the data. Prior to 1/1/2013, slightly negative values were automatically set to zero.