

North Hangar Fire Incident | City of Tustin

Air Quality Updates: Particulate Matter

Air monitoring and sampling locations have been set up around the perimeter of the hangar and in surrounding communities to provide real-time information on Particulate Matter (PM) in the air. While the units are in place, an average reading for the last 24 hours will be provided for the public's reference. Any questions regarding these numbers should be directed to the call center at 714-426-2444.

Monitoring Air Quality for Sensitive Individuals

The Incident Management Team Environmental Group is monitoring the air quality around the incident for any readings above 154 micrograms per cubic meter (ug/m3), which may cause individuals in sensitive groups to experience health effects. This is a moderate threshold that is less likely to affect the general public.

What is Particulate Matter?

"Particulate matter," also known as particle pollution or PM, is a complex mixture of extremely small particles and liquid droplets that exists in the environment including pollen, dust, and soil. Typical particulate matter for the area ranges from 3 to 67 ug/m3. The concentration range is based on sampling results collected by South Coast AQMD in Anaheim, CA, which was the closest available dataset in proximity to the site. For more information about air quality and monitoring, visit the AirNow website at www.airnow.gov.

Good (0 to 54)	Moderate (55 to 154)	Unhealthy for Sensitive Groups (155 to 254)	Unhealthy (255 to 354)	Very Unhealthy (355 to 424)	Hazardous (425-504)
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* See below for further category descriptions.

Location	24-Hour Period Ending	Particulate Matter (ug/m3)	Level of Concern
Between Compass and Armstrong	11/19/23 8 am	14	Good
Century HS	11/19/23 8 am	42	Good
End of Legacy	11/19/23 8 am	10	Good
Fire Station 21	11/19/23 8 am	20	Good
Fire Station 28	11/19/23 8 am	22	Good
Fire Station 6	11/19/23 8 am	23	Good
Hangar Fenceline - N Corner	11/19/23 8 am	10	Good
Hangar Fenceline - NE Corner	11/19/23 8 am	8	Good
Hangar Fenceline - NE Side	11/19/23 8 am	18	Good
Hangar Fenceline - S Corner	11/19/23 8 am	7	Good
Hangar Fenceline - SW Corner	11/19/23 8 am	8	Good

Hangar Fenceline - SW Side	11/19/23 8 am	12	Good
Heritage Elementary	11/19/23 8 am	5	Good
Hicks Canyon Elementary	11/19/23 8 am	36	Good
Legacy Academy	11/19/23 8 am	8	Good
Moffett and Tustin Ranch Road	11/19/23 8 am	9	Good
OC Animal Shelter	11/19/23 8 am	10	Good
OCFD Station 37	11/19/23 8 am	10	Good
OCHCA	11/19/23 8 am	5	Good
SE Corner Valencia and Armstrong	11/19/23 8 am	10	Good
SW Corner Valencia and Legacy	11/19/23 8 am	8	Good
The District Gas Station	11/19/23 8 am	5	Good
Tustin High School	11/19/23 8 am	5	Good
Tustin Legacy Park	11/19/23 8 am	6	Good
Valencia across from Columbus	11/19/23 8 am	7	Good
Victory and Tustin Ranch Road	11/19/23 8 am	9	Good
Village Green Park	11/19/23 8 am	4	Good
Warner Avenue Light Post 03534	11/19/23 8 am	9	Good
WR Nelson Elementary	11/19/23 8 am	13	Good

Category Descriptions

Color	Level of Concern	Values	Description
Green	Good	0 to 54	Air quality is satisfactory, and air pollution poses little or no risk.
Yellow	Moderate	55 to 154	Air quality is acceptable. However, there may be a risk for some people, particularly those who are unusually sensitive to air pollution.
Orange	Unhealthy for Sensitive Groups	155 to 254	Members of sensitive groups may experience health effects. The general public is less likely to be affected.
Red	Unhealthy	255 to 354	Some members of the general public may experience health effects; members of sensitive groups may experience more serious health effects.

Purple	Very Unhealthy	355 to 424	Health alert: The risk of health effects is increased for everyone.
Maroon	Hazardous	425-504	Health warning of emergency conditions: everyone is more likely to be affected.