Milan Garden fire: Executive Summary

25 to 26 October 2026 | Published by Shri Ajay Maken | 27 October 2026

In this report: Hourly peaks and missing readings; Wind, station coverage and sources.

The monitoring record contains local particle peaks and gaps that need explanation. The evidence does not yet quantify how much pollution came from the Milan Garden garbage fire.

Station / hour, 26 Oct	PM2.5	Prior five-night mean	Difference
Anand Vihar / 02:00	85.8	76.7	+11.8%
Sector 62, Noida / 02:00	226.3	184.5	+22.7%

Both peaks are above the same-hour mean of the previous five nights. Units are ug/m3. Their full 12-hour event means were lower than their corresponding historical means, so a peak and a nightly average describe different features.

Knowledge Park V ozone is absent from 00:00 through 07:00, after complete records for those hours on all five earlier nights. Vivek Vihar PM10 lacks the whole event window, but an earlier comparison night also has a full gap. These absences establish a gap in the CREA record, without identifying its cause.

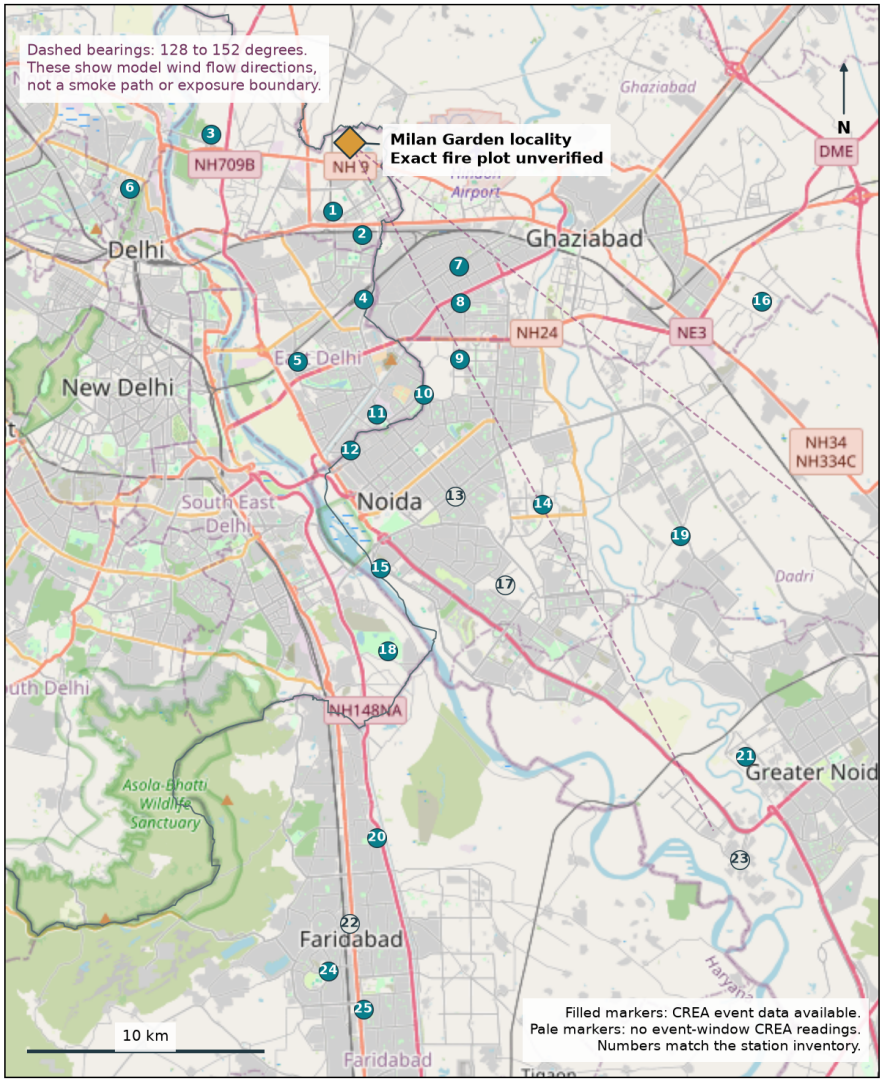
The first directly verified X report was published at 23:14:32 IST on 25 October. The requested interval is 19:14:32 to 07:14:32, with twelve whole-hour source stamps from 20:00 to 07:00. Exact ignition time and the burning plot remain unverified.

Twenty-five station candidates were checked. Twenty-one supply event readings; four lack readings across all six matching windows. Every one of the fourteen stations with a complete five-night baseline for the full twelve-hour PM2.5 comparison has a lower event-night mean.

A lower period mean cannot exclude a short smoke episode near the burning waste. Reliable incident times, local wind observations and dated station maintenance and transmission records are still needed to investigate the fire contribution.

Sources: [1] CREA raw CPCB observations, 20 to 26 October 2026, fetched 27 October. Baseline: the same station, pollutant and clock hour on the preceding five nights. News Arena India on X, 25 October 2026. Missing values remain absent; they are never zero.

Wind, station coverage and sources



The regional model indicates north-westerly winds, blowing toward the south-east or south-south-east. At 23:00 it estimates 5.7 km/h from 332 degrees. IGI airport, about 24.5 km away, reports calm around that time. Neither series measures the fire-site wind.

The extended search includes Vasundhara and Indirapuram in Ghaziabad, Noida, Greater Noida and Faridabad. The map guides which records to inspect; its lines are not a smoke trajectory. Hourly historical averages carry their actual sample counts whenever fewer than five nights are available.

Read the full Public Report and download the hourly data

CREA observations and station metadata | Wind model method | Original fire report on X

Sources: [2] CREA raw CPCB observations and station metadata, fetched 27 October 2026; Open-Meteo explicit ECMWF IFS 10 m winds and IGI/VIDP METAR via Iowa State IEM for 25 to 26 October. Map: OpenStreetMap contributors. Distances start at a locality reference, not an independently verified burning plot.