



Forecast Submittal System

Forecast Model Guidance

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Background

On May 28th, 2022, the following air quality models were added as available guidance in the Forecast Submittal System.

- NOAA Ozone 06Z and 12Z - extended to Day 2
- NOAA Bias-Corrected Ozone 06Z and 12Z - Day 0-2
- NOAA PM2.5 06Z and 12Z - Day 0-2
- NOAA Bias-Corrected PM2.5 06Z and 12Z - Day 0-2

Forecast guidance in AirNow-Tech is available roughly between 11:00-12:00 UTC for 06Z model data and 17:00-18:00 UTC for 12Z model data. These times are dependent on model availability from NOAA. More information on these models can be found from <https://www.emc.ncep.noaa.gov/mmb/aq>.

AirNow downloads the 06Z and 12Z model runs each day, extracts the forecast values for each zip code that is assigned to each reporting area, and the highest resulting value from each model for the reporting area is stored in the database and displayed to users in the forecast forms. A reporting area must have at least one assigned zip code to receive model guidance. Zip codes can be assigned & edited from the [Assign Zip Codes](#) page in AirNow-Tech (forecaster privileges required).

TestA								
Submitted: Not available (ET)		Apply to Group: None		Save As Default				
Pollutant	Yest. Obs Sun, 09/25	Today Mon, 09/26	Tomorrow Tue, 09/27	Day 2 Wed, 09/28	Day 3 Thu, 09/29	Day 4 Fri, 09/30	Day 5 Sat, 10/01	Delete Forecast
PM _{2.5} Forecast (AQI)	48	Mod	Mod	Good	Mod	Mod		☐
Hide Guidance								
NOAA 06Z		56	49	28				
NOAA 06Z BC		63	58	37				
NOAA 12Z		56	48	31				
NOAA 12Z BC		63	57	34				
Action Day	☐	☐	☐	☐	☐	☐	☐	
Burn Ban	☐	☐	☐	☐	☐	☐	☐	

When submitting your forecast, you can select to view the NOAA model guidance available at the time.

Contacts

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