



# **2024 Air Quality Forecasters Focus Group Workshop**

October 9, 2024





# CMAQ

## 2024 Forecasting March 1 – September 30

Ozone		Observation		
		Good	Mod	USG
Model	Good	3301	223	0
	Mod	246	115	2
	USG	2	8	1

- Fifteen forecast cities are included in summary
- The largest MSA has 797,616 people
- Verification for Good forecasts: 3,301
- Verification for Moderate: 115
- Verification for USG: 1

Ozone		Observation		
		Good	Mod	USG
Model	Good	1080	103	2
	Mod	175	75	2
	USG	2	1	3

- Seven forecast cities are included in summary
- All forecast counties have >1,000,000 people
- Verification for Good forecasts: 1080
- Verification for Moderate: 75
- Verification for USG: 3



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## USG Over-forecast

Date	Model	PNS Actual	Model	EPC Actual	Model	Holiday Actual	Model	LAL Actual	Model	Kissimme e Actual	Model	SRQ Actual	Model	RSW Actual
5/28/2024	61	60	61	48	45	34	53	40	52	35	47	33	50	31
5/29/2024	65	57	69	56	60	56	63	60	69	60	67	56	73	44
5/30/2024	73	60	63	52	77	69	76	65	71	69	82	75	71	53
5/31/2024	69	53	74	51	79	68	70	61	62	64	78	64	74	64

Date	Model	FLL Actual	Model	PIE Actual	Model	TPA Actual
5/28/2024	61	40	46	31	48	32
5/29/2024	73	53	63	54	67	58
5/30/2024	62	58	75	75	73	83
5/31/2024	61	60	82	72	77	69

- May 29: 2 USG Forecast
- May 30: 8 USG Forecast, 3 Verified
- May 31: 6 USG Forecast, 1 Verified

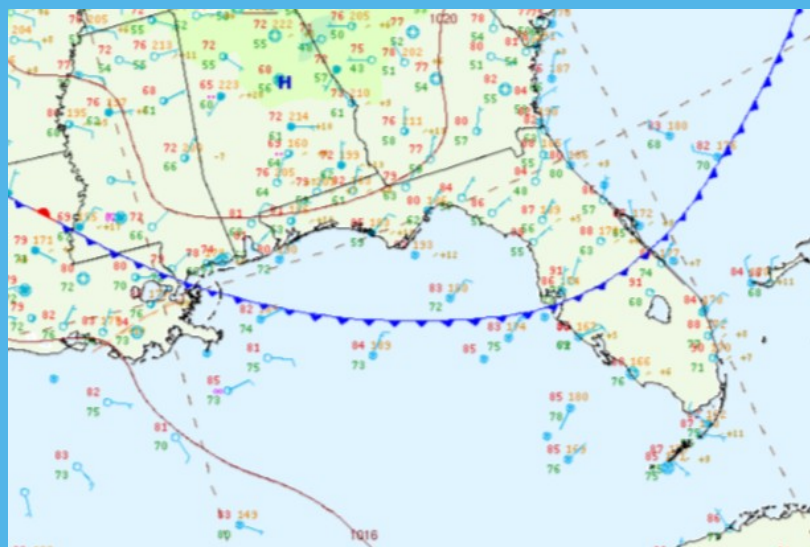


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## USG Over-forecast



18Z May 29



15Z May 30



09Z May 31

In May, there were still cold fronts crossing into Florida.





# THANK YOU

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