2020 Ozone Season So Far

Air Quality Advisory Committee Meeting

August 25, 2020

Ozone Data Sharing Project

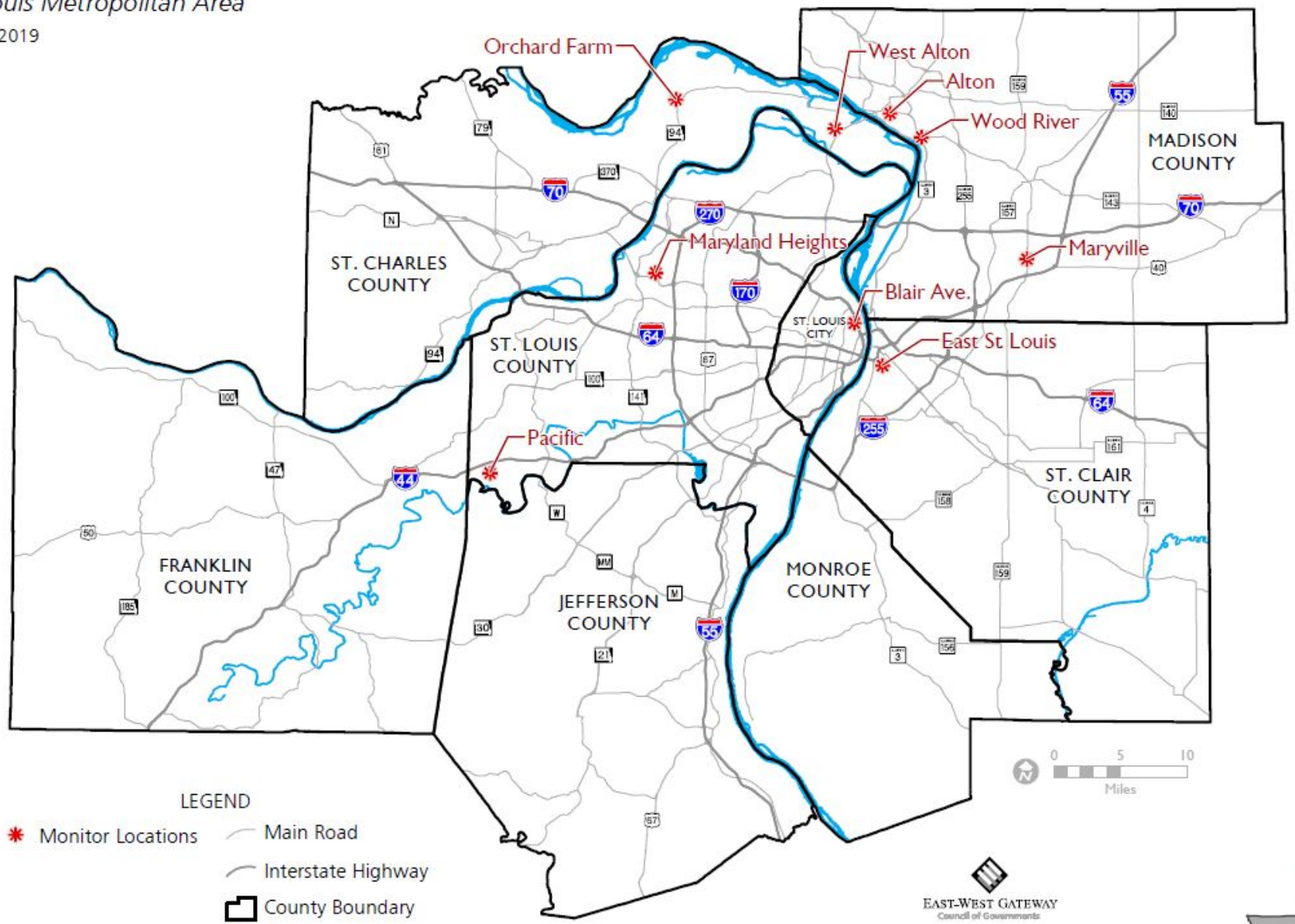
- Ozone Season - March 1 to October 31
- East-West Gateway acts as a clearinghouse for ozone data
- Twelve hour period from 9 AM – 9 PM
- Initial quality assurance screening
- Prepare weekly and monthly reports

Ozone Monitor Network

St. Louis Metropolitan Area

March 2019

EAST-WEST GATEWAY
Council of Governments
Creating Solutions Across Jurisdictional Boundaries



Source: East-West Gateway Council of Governments

Transport Tracking Ozone Monitor Network

St. Louis Metropolitan Area

March 2019

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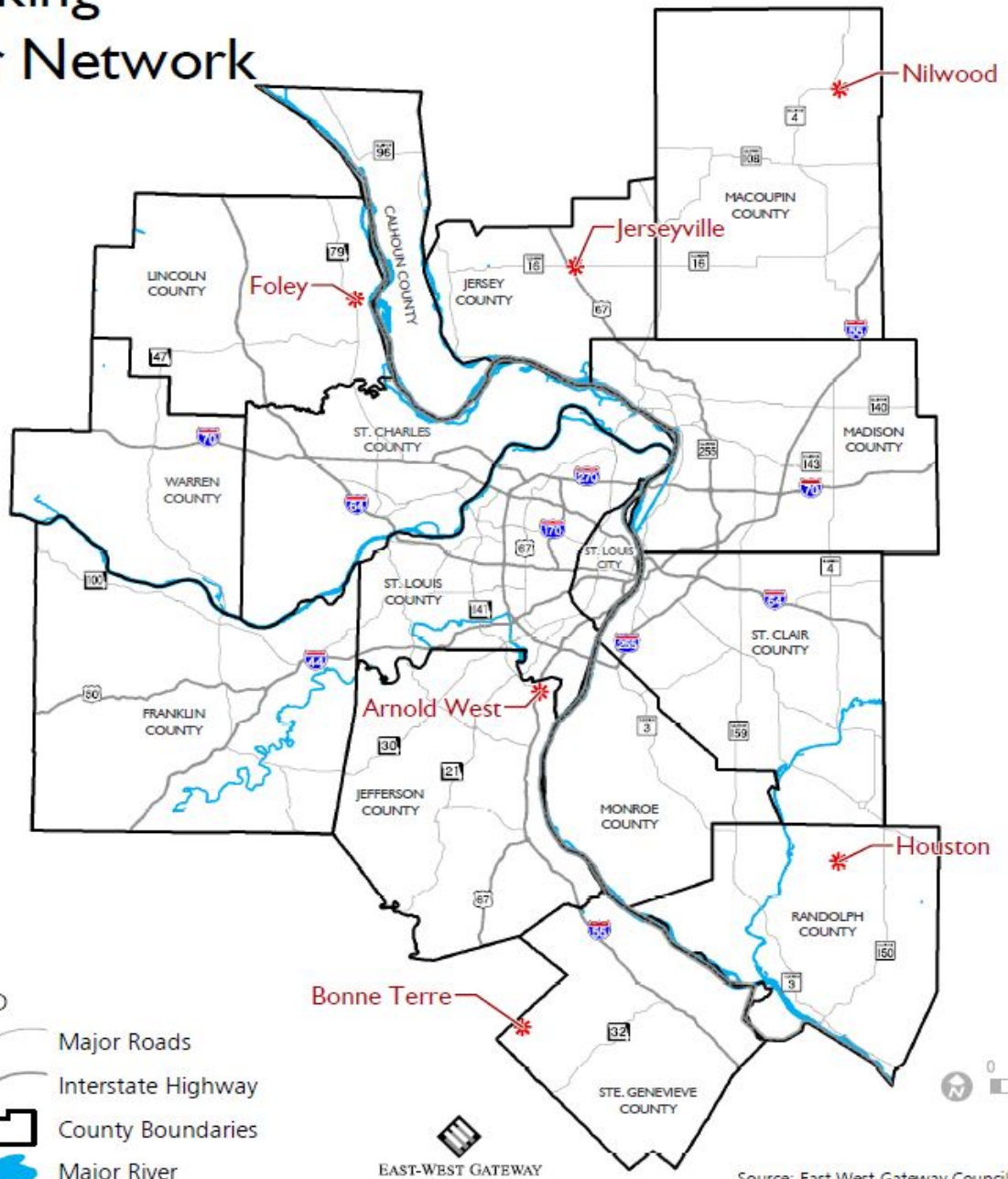

LEGEND

- Monitor Locations
- Major Roads
- Interstate Highway
- County Boundaries
- Major River

0 5 10
Miles

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Source: East-West Gateway Council of Governments

Days With Exceedances In Missouri March - July 2020							
Date	**6-6**	**6-7**	**6-18**	**6-25**	**7-6**	**7-7**	**Total Days by Monitor**
Missouri Monitors	Ozone Values in ppb						
West Alton		72	74			72	3
Orchard Farm							
Maryland Heights	76	77			74	78	4
Pacific							
Blair Street						73	1
Total By Day	**1**	**2**	**1**		**1**	**3**	**8**

Days With Exceedances In Illinois March - July 2020							
Date	**6-6**	**6-7**	**6-18**	**6-25**	**7-6**	**7-7**	**Total Days by Monitor**
Illinois Monitors	Ozone Values in ppb						
Wood River				74		72	2
Maryville						72	1
Alton				72			1
East St. Louis							
Total By Day				**2**		**2**	**4**

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Air Quality Index

An **exceedance** of the 2015 ozone standard occurs at **71 ppb and higher**

The equivalent on the **AQI scale** is **101 and higher**

Ozone Concentration (ppb)	Levels of Health Concern	AQI Values
0 - 54	Good	0 – 50
55 - 70	Moderate	51 – 100
71 - 85	Unhealthy for Sensitive Groups	101 – 150
86 - 105	Unhealthy	151 – 200
106 - 200	Very Unhealthy	201 – 300
201 +	Hazardous	301 – 500

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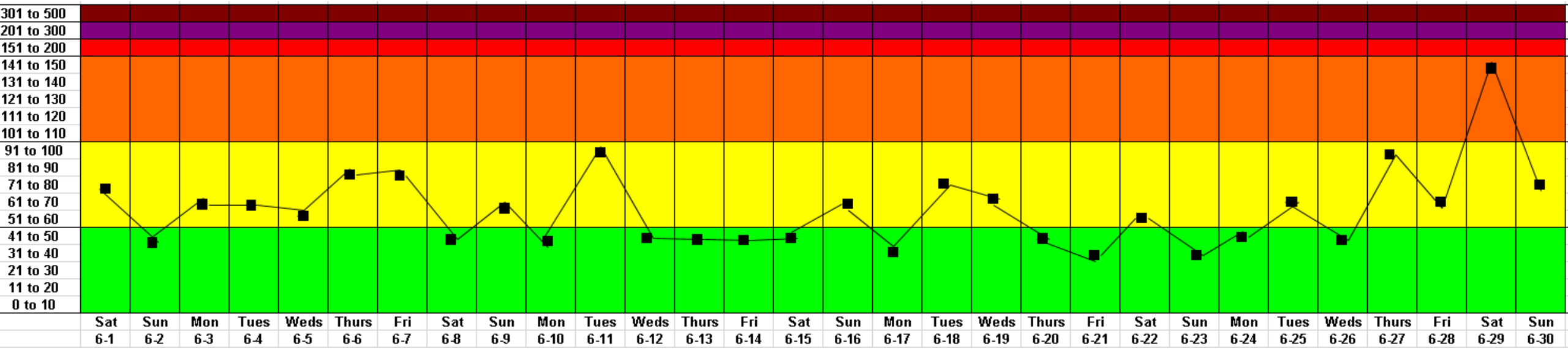
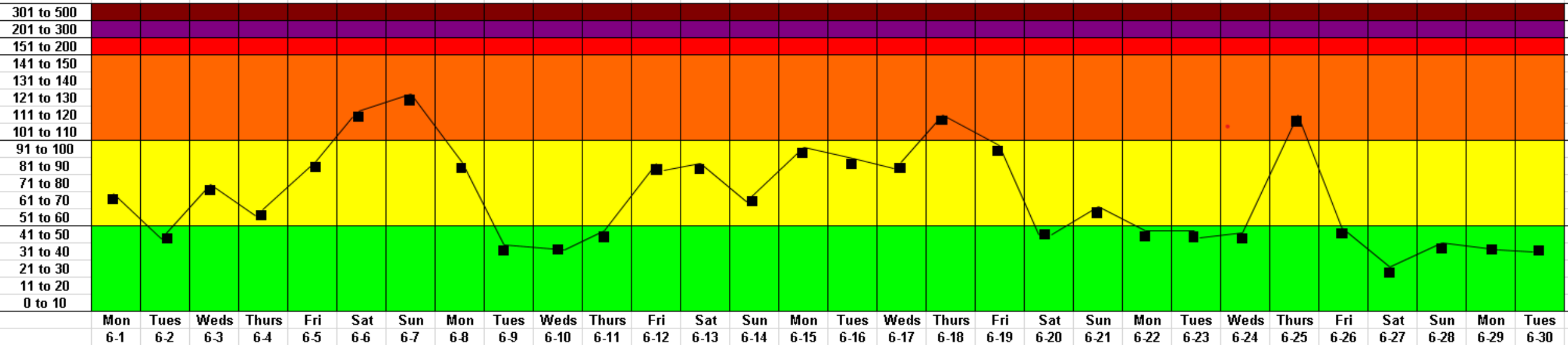
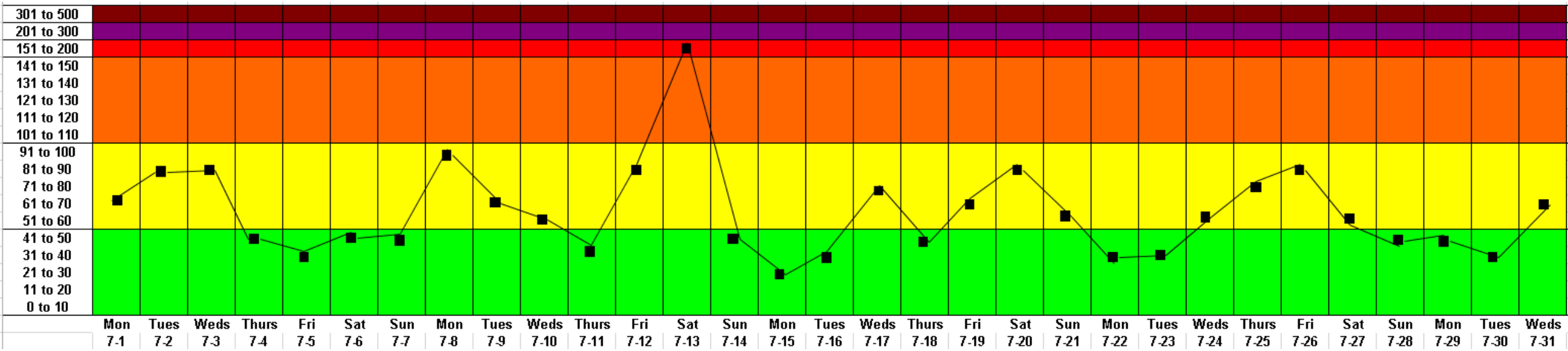
June 2019 AQI Calendar



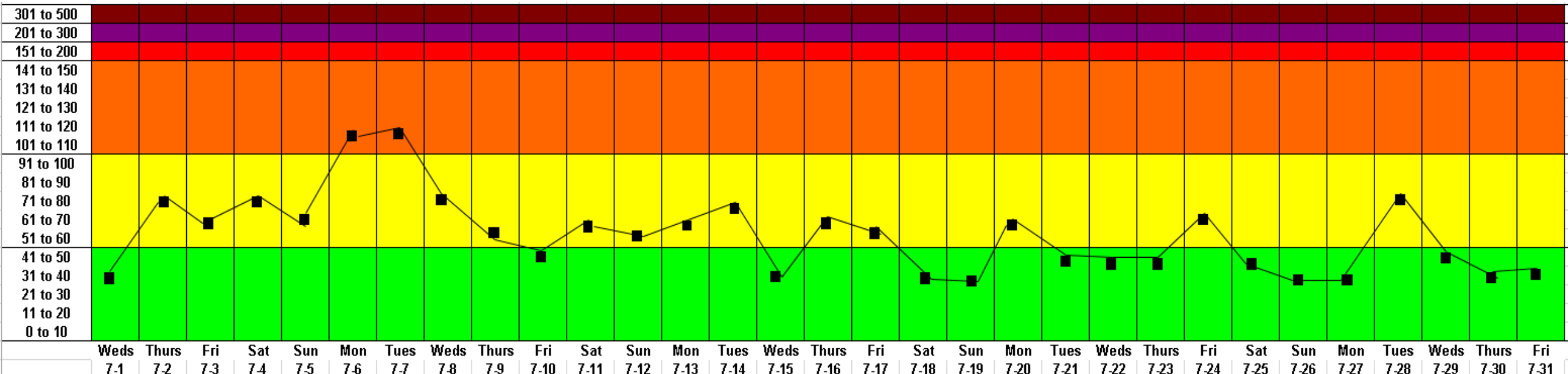
June 2020 AQI Calendar



July 2019 AQI Calendar



July 2020 AQI Calendar



Questions?

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