

Daily Air Quality Report August 27, 2020

Beaumont

No real-time air monitors were operational in the Beaumont area on August 27, 2020.

Houston

Monitors in the Houston Ship Channel area started provided measured chemical concentration data as early as 11 AM on August 27, 2020.

Total Operational Real-Time Monitors: 6 for volatile organic compounds (VOCs); 6 for sulfur dioxide (SO₂); 4 for particulate matter (PM_{2.5}).

Air Quality Summary: Measured hourly VOC concentrations, including benzene and 1,3-butadiene, were low and in the typical range for the Houston Ship Channel area on August 27, 2020. All measured VOC concentrations remained far below levels of short-term health concern.

Hourly SO₂ concentrations measured in the Houston Ship Channel area remained low on August 27, 2020. The peak 1-hour SO₂ concentration measured at the Baytown Garth monitor was somewhat higher than usual but was still more than 10-times lower than the level of the federal SO₂ standard. All hourly SO₂ concentrations were well below a level of health concern.

Hourly PM_{2.5} concentrations measured in the Houston Ship Channel area on August 27, 2020 were within the range of typical concentrations for this area and were below concentrations of health concern.