

## **Saharan Dust Air Quality Bulletin**

Antigua and Barbuda Meteorological Services

6:15 PM Wednesday 19 June 2019

### **Air Quality Index (AQI) Based on Particulate Matter 2.5 (PM<sub>2.5</sub>) and 10 (PM<sub>10</sub>) Concentration**

**Synopsis and impacts:** A surge of Saharan Dust continues to move across the area. AQI has been reduced to moderate levels and is expected to reduce further over the next 24 hours. This will increase the likelihood of respiratory symptoms in sensitive individuals, aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly. AQI is expected to start improving Friday.

**Alert Level: III**

**Location:** Antigua and Barbuda

**AQI: 70 to 110**

**AQI category:** Unhealthy for sensitive groups

**Timing:** Until Friday

**Sensitive groups:** People with respiratory or heart disease, the elderly and children are the groups most at risk.

**Health implications:** Increasing likelihood of respiratory symptoms in sensitive individuals, aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly.

**Caution:** Unusually sensitive people such as active children and adults, and people with respiratory disease, such as asthma, should limit prolonged or heavy exertion.

Keep monitoring.

Dale Destin