

List of Exceedances of the National Ambient Air Quality Standards

The Hawai'i State Department of Health is required to notify the public whenever the National Ambient Air Quality Standards (NAAQS) are exceeded. The list below shows the most recent exceedances due to an exceptional, natural or other event (*preliminary data only – subject to change*). For a listing of previous exceedances through 2023, please see the Department of Health, Clean Air Branch web page at <http://health.hawaii.gov/cab/notification-of-exceedance-of-a-national-ambient-air-quality-standard/>.

DATE	MONITORING STATION LOCATION & ISLAND	AIR POLLUTANT	STANDARD TYPE	STANDARD LIMIT	CONCENTRATION (HOUR)	CAUSE
Sep. 20, 2024	Pahala, Hawaii	SO ₂	1-hour avg.	75 ppb	87 ppb (1 a.m.-2 a.m.)	volcanic emissions
Sep. 19, 2024	Naalehu, Hawaii	SO ₂	1-hour avg.	75 ppb	273 ppb (3 a.m.-4 a.m.)	volcanic emissions
Sep. 19, 2024	Pahala, Hawaii	SO ₂	1-hour avg.	75 ppb	175 ppb (9 a.m.-10 a.m.)	volcanic emissions
Sep. 18, 2024	Naalehu, Hawaii	SO ₂	1-hour avg.	75 ppb	183 ppb (5 a.m.-6 a.m.)	volcanic emissions
Sep. 18, 2024	Pahala, Hawaii	SO ₂	1-hour avg.	75 ppb	103 ppb (10 a.m.-11 a.m.)	volcanic emissions
Sep. 17, 2024	Naalehu, Hawaii	SO ₂	1-hour avg.	75 ppb	142 ppb (7 a.m.-8 a.m.)	volcanic emissions
Jun. 3, 2024	Pahala, Hawaii	SO ₂	1-hour avg.	75 ppb	93 ppb (5 a.m.-6 a.m.)	volcanic emissions
Feb. 13, 2024	Kahe, Oahu	SO ₂	1-hour avg.	75 ppb	100 ppb (11 a.m.-12 noon)	source emissions
Jan. 1, 2024	Kahului, Maui	PM _{2.5}	24-hour avg.	35 µg/m ³	36 µg/m ³	new year fireworks

ppb = unit of the standard is in parts per billion

ppm = unit of the standard is in parts per million

µg/m³ = unit of the standard is in micrograms per cubic meter of air