

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 or natural event. For a listing of previous exceedances through 2015, 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	ACTUAL	CAUSE
Dec. 31, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.118 ppm (9-10 p.m.)	volcanic emissions
Dec. 30, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.135 ppm (9-10 a.m.)	volcanic emissions
Dec. 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (1-2 a.m.)	volcanic emissions
Dec. 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (7-8 a.m.)	volcanic emissions
Dec. 28, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (1-2 p.m.)	volcanic emissions
Dec. 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (2-3 a.m.)	volcanic emissions
Dec. 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.446 ppm (8-9 a.m.)	volcanic emissions
Dec. 25, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.154 ppm (9-10 a.m.)	volcanic emissions
Dec. 25, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.219 ppm (10-11 p.m.)	volcanic emissions
Dec. 24, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (midnight-1 a.m.)	volcanic emissions
Dec. 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.214 ppm (5-6 a.m.)	volcanic emissions
Dec. 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.287 ppm (8-9 a.m.)	volcanic emissions
Dec. 19, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (7-8 p.m.)	volcanic emissions
Dec. 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.172 ppm (1-2 a.m.)	volcanic emissions
Dec. 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.203 ppm (11 p.m.-midnight)	volcanic emissions
Dec. 15, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (9-10 a.m.)	volcanic emissions
Dec. 14, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.228 ppm (1-2 a.m.)	volcanic emissions
Dec. 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.154 ppm (noon-1 p.m.)	volcanic emissions
Dec. 9, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.164 ppm (11 a.m.-noon)	volcanic emissions
Dec. 3, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.084 ppm (1-2 a.m.)	volcanic emissions
Dec. 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (2-3 a.m.)	volcanic emissions
Dec. 2, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.408 ppm (8-9 p.m.)	volcanic emissions
Dec. 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.284 ppm (8-9 p.m.)	volcanic emissions
Dec. 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.240 ppm (1-2 p.m.)	volcanic emissions
Nov. 30, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (2-3 p.m.)	volcanic emissions
Nov. 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.297 ppm (2-3 p.m.)	volcanic emissions
Nov. 29, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.203 ppm (11 a.m.-noon)	volcanic emissions

Nov. 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.406 ppm (10-11 a.m.)	volcanic emissions
Nov. 28, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.195 ppm (10-11 a.m.)	volcanic emissions
Nov. 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.282 ppm (1-2 a.m.)	volcanic emissions
Nov. 27, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.190 ppm (5-6 p.m.)	volcanic emissions
Nov. 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.360 ppm (11 p.m.-midnight)	volcanic emissions
Nov. 26, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (midnight-1 a.m.)	volcanic emissions
Nov. 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.748 ppm (8-9 a.m.)	volcanic emissions
Nov. 25, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (10-11 a.m.)	volcanic emissions
Nov. 25, 2016	Pahala, Hawaii	SO ₂	24-hour avg. 1-hour avg.	0.14 ppm 0.075 ppm	0.17 ppm 0.460 ppm (10-11 a.m.)	volcanic emissions
Nov. 24, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.116 ppm (noon-1 p.m.)	volcanic emissions
Nov. 24, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.347 ppm (noon-1 p.m.)	volcanic emissions
Nov. 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.216 ppm (1-2 a.m.)	volcanic emissions
Nov. 22, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.159 ppm (11 a.m.-noon)	volcanic emissions
Nov. 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.287 ppm (1-2 a.m.)	volcanic emissions
Nov. 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.210 ppm (7-8 p.m.)	volcanic emissions
Nov. 20, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (4-5 a.m.)	volcanic emissions
Nov. 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.285 ppm (6-7 p.m.)	volcanic emissions
Nov. 19, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (7-8 p.m.)	volcanic emissions
Nov. 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.464 ppm (1-2 a.m.)	volcanic emissions
Nov. 18, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (8-9 a.m.)	volcanic emissions
Nov. 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.199 ppm (2-3 a.m.)	volcanic emissions
Nov. 17, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.532 ppm (5-6 a.m.)	volcanic emissions
Nov. 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.411 ppm (9-10 a.m.)	volcanic emissions
Nov. 16, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (9-10 a.m.)	volcanic emissions
Nov. 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (4-5 a.m.)	volcanic emissions
Nov. 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.319 ppm (7-8 p.m.)	volcanic emissions
Nov. 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (10-11 p.m.)	volcanic emissions
Nov. 13, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.188 ppm (7-8 a.m.)	volcanic emissions
Nov. 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.378 ppm (6-7 a.m.)	volcanic emissions
Nov. 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.157 ppm (8-9 a.m.)	volcanic emissions
Nov. 11, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.143 ppm (8-9 a.m.)	volcanic emissions
Nov. 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.240 ppm (5-6 a.m.)	volcanic emissions
Nov. 10, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.168 ppm (7-8 a.m.)	volcanic emissions
Nov. 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (8-9 a.m.)	volcanic emissions
Nov. 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.236 ppm (8-9 a.m.)	volcanic emissions

Nov. 8, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.114 ppm (8-9 a.m.)	volcanic emissions
Nov. 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (11 p.m.-midnight)	volcanic emissions
Nov. 7, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.169 ppm (5-6 a.m.)	volcanic emissions
Nov. 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.231 ppm (8-9 a.m.)	volcanic emissions
Nov. 5, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.215 ppm (6-7 a.m.)	volcanic emissions
Nov. 4, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.132 ppm (8-9 a.m.)	volcanic emissions
Nov. 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.119 ppm (7-8 a.m.)	volcanic emissions
Nov. 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.097 ppm (9-10 a.m.)	volcanic emissions
Nov. 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (6-7 a.m.)	volcanic emissions
Oct. 31, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (9-10 a.m.)	volcanic emissions
Oct. 31, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.155 ppm (6-7 a.m.)	volcanic emissions
Oct. 30, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.088 ppm (10-11 a.m.)	volcanic emissions
Oct. 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.423 ppm (6-7 p.m.)	volcanic emissions
Oct. 29, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.199 ppm (9-10 a.m.)	volcanic emissions
Oct. 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.284 ppm (4-5 a.m.)	volcanic emissions
Oct. 28, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (3-4 p.m.)	volcanic emissions
Oct. 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.231 ppm (6-7 p.m.)	volcanic emissions
Oct. 26, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.125 ppm (7-8 a.m.)	volcanic emissions
Oct. 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.373 ppm (9-10 a.m.)	volcanic emissions
Oct. 25, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.223 ppm (8-9 a.m.)	volcanic emissions
Oct. 25, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.232 ppm (7-8 p.m.)	volcanic emissions
Oct. 23, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (10-11 a.m.)	volcanic emissions
Oct. 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.249 ppm (7-8 a.m.)	volcanic emissions
Oct. 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.237 ppm (3-4 p.m.)	volcanic emissions
Oct. 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.136 ppm (2-3 p.m.)	volcanic emissions
Oct. 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (4-5 a.m.)	volcanic emissions
Oct. 19, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (9-10 a.m.)	volcanic emissions
Oct. 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.214 ppm (5-6 p.m.)	volcanic emissions
Oct. 18, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.305 ppm (2-3 a.m.)	volcanic emissions
Oct. 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (10-11 p.m.)	volcanic emissions
Oct. 17, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (8-9 a.m.)	volcanic emissions
Oct. 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.378 ppm (5-6 a.m.)	volcanic emissions
Oct. 16, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.329 ppm (midnight-1 a.m.)	volcanic emissions
Oct. 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.190 ppm (8-9 a.m.)	volcanic emissions
Oct. 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (3-4 a.m.)	volcanic emissions
Oct. 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.117 ppm (1-2 a.m.)	volcanic emissions

Oct. 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (9-10 a.m.)	volcanic emissions
Oct. 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (5-6 a.m.)	volcanic emissions
Oct. 10, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.155 ppm (8-9 a.m.)	volcanic emissions
Oct. 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.080 ppm (4-5 a.m.)	volcanic emissions
Oct. 9, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.171 ppm (8-9 a.m.)	volcanic emissions
Oct. 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.119 ppm (3-4 a.m.)	volcanic emissions
Oct. 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.262 ppm (2-3 a.m.)	volcanic emissions
Oct. 4, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.124 ppm (midnight-1 a.m.)	volcanic emissions
Oct. 4, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (midnight-1 a.m.)	volcanic emissions
Oct. 3, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.320 ppm (1-2 a.m.)	volcanic emissions
Oct. 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (midnight-1 a.m.)	volcanic emissions
Oct. 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (9-10 a.m.)	volcanic emissions
Oct. 1, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (11 a.m.-noon)	volcanic emissions
Oct. 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (5-6 a.m.)	volcanic emissions
Sep. 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (8-9 p.m.)	volcanic emissions
Sep. 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.212 ppm (6-7 a.m.)	volcanic emissions
Sep. 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (10-11 p.m.)	volcanic emissions
Sep. 26, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (8-9 a.m.)	volcanic emissions
Sep. 25, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.143 ppm (6-7 a.m.)	volcanic emissions
Sep. 23, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.227 ppm (4-5 a.m.)	volcanic emissions
Sep. 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.180 ppm (6-7 a.m.)	volcanic emissions
Sep. 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.151 ppm (midnight-1 a.m.)	volcanic emissions
Sep. 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.182 ppm (9-10 a.m.)	volcanic emissions
Sep. 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (11 p.m.-midnight)	volcanic emissions
Sep. 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.151 ppm (9-10 a.m.)	volcanic emissions
Sep. 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (1-2 a.m.)	volcanic emissions
Sep. 16, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (7-8 p.m.)	volcanic emissions
Sep. 15, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (9-10 a.m.)	volcanic emissions
Sep. 12, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.110 ppm (3-4 a.m.)	volcanic emissions
Sep. 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.209 ppm (midnight-1 a.m.)	volcanic emissions
Sep. 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.150 ppm (11 p.m.-midnight)	volcanic emissions
Sep. 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.108 ppm (8-9 a.m.)	volcanic emissions
Sep. 7, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (3-4 a.m.)	volcanic emissions
Sep. 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.164 ppm (3-4 a.m.)	volcanic emissions
Sep. 5, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.152 ppm (7-8 p.m.)	volcanic emissions
Sep. 4, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (4-5 a.m.)	volcanic emissions

Sep. 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.152 ppm (7-8 p.m.)	volcanic emissions
Sep. 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.150 ppm (6-7 a.m.)	volcanic emissions
August 31, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.081 ppm (noon-1 p.m.)	volcanic emissions
August 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (2-3 a.m.)	volcanic emissions
August 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.134 ppm (6-7 p.m.)	volcanic emissions
August 25, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (6-7 a.m.)	volcanic emissions
August 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.126 ppm (3-4 a.m.)	volcanic emissions
August 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.168 ppm (8-9 a.m.)	volcanic emissions
August 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.270 ppm (7-8 a.m.)	volcanic emissions
August 20, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (8-9 a.m.)	volcanic emissions
August 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (6-7 a.m.)	volcanic emissions
August 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.144 ppm (5-6 a.m.)	volcanic emissions
August 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (10-11 p.m.)	volcanic emissions
August 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (2-3 a.m.)	volcanic emissions
August 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (11 p.m.-midnight)	volcanic emissions
August 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (5-6 a.m.)	volcanic emissions
August 11, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.116 ppm (8-9 a.m.)	volcanic emissions
August 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (5-6 a.m.)	volcanic emissions
August 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.189 ppm (8-9 a.m.)	volcanic emissions
August 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (7-8 a.m.)	volcanic emissions
August 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (4-5 a.m.)	volcanic emissions
August 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (7-8 a.m.)	volcanic emissions
August 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.137 ppm (midnight-1 a.m.)	volcanic emissions
August 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (11 p.m.-midnight)	volcanic emissions
July 31, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (3-4 a.m.)	volcanic emissions
July 31, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.081 ppm (1-2 a.m.)	volcanic emissions
July 30, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (8-9 a.m.)	volcanic emissions
July 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (7-8 a.m.)	volcanic emissions
July 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.517 ppm (8-9 a.m.)	volcanic emissions
July 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.228 ppm (7-8 p.m.)	volcanic emissions
July 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.291 ppm (2-3 a.m.)	volcanic emissions
July 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.178 ppm (11 p.m.-midnight)	volcanic emissions
July 24, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.282 ppm (7-8 a.m.)	volcanic emissions
July 22, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (4-5 a.m.)	volcanic emissions
July 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (2-3 a.m.)	volcanic emissions
July 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (8-9 a.m.)	volcanic emissions

July 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (8-9 a.m.)	volcanic emissions
July 14, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (8-9 a.m.)	volcanic emissions
July 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (6-7 a.m.)	volcanic emissions
July 13, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.134 ppm (4-5 a.m.)	volcanic emissions
July 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.091 ppm (3-4 a.m.)	volcanic emissions
July 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.110 ppm (8-9 a.m.)	volcanic emissions
July 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (4-5 p.m.)	volcanic emissions
July 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.158 ppm (11 p.m.-midnight)	volcanic emissions
July 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.141 ppm (3-4 a.m.)	volcanic emissions
July 4, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (1-2 a.m.)	volcanic emissions
July 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.382 ppm (midnight-1 a.m.)	volcanic emissions
July 2, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.118ppm (6-7 p.m.)	volcanic emissions
July 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.406 ppm (5-6 p.m.)	volcanic emissions
July 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.260 ppm (6-7 p.m.)	volcanic emissions
June 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.197 ppm (7-8 a.m.)	volcanic emissions
June 27, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (9-10 a.m.)	volcanic emissions
June 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.226 ppm (3-4 a.m.)	volcanic emissions
June 26, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (3-4 a.m.)	volcanic emissions
June 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.239 ppm (3-4 a.m.)	volcanic emissions
June 25, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.193 ppm (2-3 a.m.)	volcanic emissions
June 24, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (9-10 p.m.)	volcanic emissions
June 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (7-8 p.m.)	volcanic emissions
June 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.157 ppm (7-8 a.m.)	volcanic emissions
June 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (1-2 a.m.)	volcanic emissions
June 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (7-8 a.m.)	volcanic emissions
June 18, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.109 ppm (11 p.m.-midnight)	volcanic emissions
June 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (3-4 a.m.)	volcanic emissions
June 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.210 ppm (3-4 a.m.)	volcanic emissions
June 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (4-5 a.m.)	volcanic emissions
June 15, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.250 ppm (8-9 a.m.)	volcanic emissions
June 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (7-8 a.m.)	volcanic emissions
June 14, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.223 ppm (10-11 a.m.)	volcanic emissions
June 13, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.117 ppm (7-8 p.m.)	volcanic emissions
June 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.129 ppm (8-9 p.m.)	volcanic emissions
June 12, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.216 ppm (5-6 a.m.)	volcanic emissions
June 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.218 ppm (8-9 p.m.)	volcanic emissions

June 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (7-8 a.m.)	volcanic emissions
June 8, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (noon-1 p.m.)	volcanic emissions
June 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.225 ppm (8-9 a.m.)	volcanic emissions
June 7, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (9-10 a.m.)	volcanic emissions
June 7, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.086 ppm (9-10 p.m.)	volcanic emissions
June 5, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.080 ppm (9-10 a.m.)	volcanic emissions
June 3, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (midnight-1 a.m.)	volcanic emissions
June 2, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.202 ppm (8-9 a.m.)	volcanic emissions
June 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.156 ppm (5-6 p.m.)	volcanic emissions
June 1, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (8-9 a.m.)	volcanic emissions
May 29, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (7-8 a.m.)	volcanic emissions
May 26, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.238 ppm (10-11 a.m.)	volcanic emissions
May 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (11 p.m.-midnight)	volcanic emissions
May 24, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (8-9 a.m.)	volcanic emissions
May 23, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.182 ppm (7-8 a.m.)	volcanic emissions
May 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.183 ppm (7-8 a.m.)	volcanic emissions
May 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (midnight-1 a.m.)	volcanic emissions
May 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (9-10 a.m.)	volcanic emissions
May 20, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.171 ppm (10-11 a.m.)	volcanic emissions
May 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.140 ppm (9-10 a.m.)	volcanic emissions
May 18, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.137 ppm (8-9 a.m.)	volcanic emissions
May 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (6-7 a.m.)	volcanic emissions
May 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.177 ppm (4-5 a.m.)	volcanic emissions
May 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.196 ppm (11 p.m.-midnight)	volcanic emissions
May 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (midnight-1 a.m.)	volcanic emissions
May 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.206 ppm (11 p.m.-midnight)	volcanic emissions
May 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (1-2 a.m.)	volcanic emissions
May 6, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (2-3 a.m.)	volcanic emissions
May 5, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.214 ppm (10-11 p.m.)	volcanic emissions
May 4, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.364 ppm (8-9 a.m.)	volcanic emissions
May 4, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.237 ppm (6-7 a.m.)	volcanic emissions
May 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.183 ppm (7-8 a.m.)	volcanic emissions
May 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.108 ppm (7-8 a.m.)	volcanic emissions
April 30, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.132 ppm (9-10 a.m.)	volcanic emissions
April 29, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.299 ppm (10-11 a.m.)	volcanic emissions
April 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.329 ppm (1-2 a.m.)	volcanic emissions

April 28, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.177 ppm (11 p.m.-midnight)	volcanic emissions
April 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.234 ppm (3-4 a.m.)	volcanic emissions
April 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.342 ppm (7-8 p.m.)	volcanic emissions
April 26, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.325 ppm (8-9 a.m.)	volcanic emissions
April 25, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (midnight-1 a.m.)	volcanic emissions
April 23, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.158 ppm (4-5 a.m.)	volcanic emissions
April 22, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.313 ppm (4-5 a.m.)	volcanic emissions
April 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (5-6 a.m.)	volcanic emissions
April 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (9-10 a.m.)	volcanic emissions
April 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (3-4 a.m.)	volcanic emissions
April 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.134 ppm (9-10 a.m.)	volcanic emissions
April 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.241 ppm (3-4 a.m.)	volcanic emissions
April 17, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.084 ppm (8-9 a.m.)	volcanic emissions
April 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.148 ppm (5-6 a.m.)	volcanic emissions
April 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.118 ppm (5-6 a.m.)	volcanic emissions
April 14, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.118 ppm (9-10 a.m.)	volcanic emissions
April 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.192 ppm (7-8 a.m.)	volcanic emissions
April 13, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.111 ppm (6-7 p.m.)	volcanic emissions
April 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.237 ppm (9-10 a.m.)	volcanic emissions
April 12, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (10-11 a.m.)	volcanic emissions
April 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.173 ppm (7-8 p.m.)	volcanic emissions
April 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.154 ppm (3-4 a.m.)	volcanic emissions
April 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (8-9 a.m.)	volcanic emissions
April 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.193 ppm (6-7 a.m.)	volcanic emissions
April 8, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.116 ppm (9-10 a.m.)	volcanic emissions
April 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.191 ppm (7-8 p.m.)	volcanic emissions
April 7, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (9-10 a.m.)	volcanic emissions
April 6, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.265 ppm (11 a.m.-noon)	volcanic emissions
April 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.216 ppm (9-10 a.m.)	volcanic emissions
April 5, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.136 ppm (8-9 a.m.)	volcanic emissions
April 5, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.127 ppm (6-7 a.m.)	volcanic emissions
April 4, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.268 ppm (3-4 a.m.)	volcanic emissions
April 3, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (9-10 a.m.)	volcanic emissions
April 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.302 ppm (8-9 a.m.)	volcanic emissions
April 2, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.104 ppm (10-11 p.m.)	volcanic emissions
April 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.127 ppm (8-9 p.m.)	volcanic emissions

April 1, 2016	Ocean View, Hawaii	SO ₂ PM _{2.5}	1-hour avg. 24-hour avg.	0.075 ppm 35 µg/m ³	0.105 ppm (9-10 a.m.) 37 µg/m ³	volcanic emissions
April 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.187 ppm (2-3 a.m.)	volcanic emissions
March 31, 2016	Ocean View, Hawaii	SO ₂ PM _{2.5}	1-hour avg. 24-hour avg.	0.075 ppm 35 µg/m ³	0.190 ppm (6-7 a.m.) 36 µg/m ³	volcanic emissions
March 31, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.158 ppm (5-6 a.m.)	volcanic emissions
March 30, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (8-9 a.m.)	volcanic emissions
March 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg. 24-hour avg.	0.075 ppm 0.14 ppm	0.524 ppm (midnight-1 a.m.) 0.16 ppm	volcanic emissions
March 28, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (10-11 a.m.)	volcanic emissions
March 25, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (5-6 a.m.)	volcanic emissions
March 25, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.336 ppm (2-3 a.m.)	volcanic emissions
March 24, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.108 ppm (8-9 a.m.)	volcanic emissions
March 24, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.111 ppm (midnight-1 a.m.)	volcanic emissions
March 23, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (9-10 a.m.)	volcanic emissions
March 23, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (9-10 p.m.)	volcanic emissions
March 22, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.396 ppm (5-6 a.m.)	volcanic emissions
March 22, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (4-5 a.m.)	volcanic emissions
March 22, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (5-6 a.m.)	volcanic emissions
March 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.164 ppm (11 p.m.-midnight)	volcanic emissions
March 21, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (8-9 a.m.)	volcanic emissions
March 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.344 ppm (9-10 a.m.)	volcanic emissions
March 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.265 ppm (10-11 p.m.)	volcanic emissions
March 20, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.104 ppm (10-11 a.m.)	volcanic emissions
March 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.460 ppm (8-9 a.m.)	volcanic emissions
March 19, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (9-10 a.m.)	volcanic emissions
March 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.114 ppm (10-11 a.m.)	volcanic emissions
March 18, 2016	Ocean View, Hawaii	SO ₂ PM _{2.5}	1-hour avg. 24-hour avg.	0.075 ppm 35 µg/m ³	0.210 ppm (9-10 a.m.) 42 µg/m ³	volcanic emissions
March 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.378 ppm (8-9 a.m.)	volcanic emissions
March 17, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.133 ppm (10-11 a.m.)	volcanic emissions
March 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.187 ppm (7-8 p.m.)	volcanic emissions
March 15, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (9-10 a.m.)	volcanic emissions
March 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (6-7 a.m.)	volcanic emissions
March 12, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.111 ppm (5-6 p.m.)	volcanic emissions
March 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.270 ppm (8-9 a.m.)	volcanic emissions
March 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.192 ppm (noon-1 p.m.)	volcanic emissions

March 10, 2016	Kihei, Hawaii	PM _{2.5}	24-hour avg.	35 µg/m ³	47 µg/m ³	unable to determine
March 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.202 ppm (10-11 a.m.)	volcanic emissions
March 8, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.403 ppm (3-4 a.m.)	volcanic emissions
March 8, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.081 ppm (11 a.m.-noon)	volcanic emissions
March 8, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.338 ppm (1-2 a.m.)	volcanic emissions
March 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.234 ppm (2-3 a.m.)	volcanic emissions
March 7, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.313 ppm (5-6 a.m.)	volcanic emissions
March 7, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.176 ppm (midnight-1 a.m.)	volcanic emissions
March 7, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.205 ppm (11 p.m.-midnight)	volcanic emissions
March 6, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.109 ppm (11 p.m.-midnight)	volcanic emissions
March 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.204 ppm (4-5 a.m.)	volcanic emissions
March 5, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.330 ppm (5-6 a.m.)	volcanic emissions
March 5, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (5-6 a.m.)	volcanic emissions
March 4, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.137 ppm (8-9 a.m.)	volcanic emissions
March 3, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.151 ppm (5-6 a.m.)	volcanic emissions
March 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.137 ppm (7-8 a.m.)	volcanic emissions
March 2, 2016	Ocean View, Hawaii	PM _{2.5}	24-hour avg.	35 µg/m ³	36 µg/m ³	volcanic emissions
March 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.135 ppm (10-11 a.m.)	volcanic emissions
March 1, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (10-11 a.m.)	volcanic emissions
Feb. 29, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.144 ppm (4-5 a.m.)	volcanic emissions
Feb. 29, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.434 ppm (10-11 a.m.)	volcanic emissions
Feb. 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (7-8 a.m.)	volcanic emissions
Feb. 28, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (10-11 p.m.)	volcanic emissions
Feb. 28, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (10-11 a.m.)	volcanic emissions
Feb. 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.347 ppm (7-8 a.m.)	volcanic emissions
Feb. 27, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (4-5 a.m.)	volcanic emissions
Feb. 27, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (11 p.m.-midnight)	volcanic emissions
Feb. 25, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (10-11 a.m.)	volcanic emissions
Feb. 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.287 ppm (8-9 a.m.)	volcanic emissions
Feb. 21, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.156 ppm (9-10 a.m.)	volcanic emissions
Feb. 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.228 ppm (7-8 p.m.)	volcanic emissions
Feb. 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (noon-1 p.m.)	volcanic emissions
Feb. 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.141 ppm (8-9 a.m.)	volcanic emissions
Feb. 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.116 ppm (5-6 p.m.)	volcanic emissions
Feb. 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.419 ppm (4-5 p.m.)	volcanic emissions
Feb. 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (7-8 p.m.)	volcanic emissions

Feb. 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.229 ppm (4-5 p.m.)	volcanic emissions
Feb. 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.184 ppm (8-9 a.m.)	volcanic emissions
Feb. 13, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.569 ppm (8-9 a.m.)	volcanic emissions
Feb. 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (9-10 a.m.)	volcanic emissions
Feb. 12, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.208 ppm (10-11 p.m.)	volcanic emissions
Feb. 12, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.359 ppm (4-5 a.m.)	volcanic emissions
Feb. 11, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.196 ppm (8-9 a.m.)	volcanic emissions
Feb. 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.558 ppm (8-9 a.m.)	volcanic emissions
Feb. 10, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.160 ppm (2-3 a.m.)	volcanic emissions
Feb. 10, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.314 ppm (11 p.m.-midnight)	volcanic emissions
Feb. 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.261 ppm (7-8 a.m.)	volcanic emissions
Feb. 9, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.222 ppm (10-11 a.m.)	volcanic emissions
Feb. 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.482 ppm (10-11 a.m.)	volcanic emissions
Feb. 7, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.136 ppm (11 p.m.-midnight)	volcanic emissions
Feb. 6, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (3-4 p.m.)	volcanic emissions
Feb. 6, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.351 ppm (5-6 a.m.)	volcanic emissions
Feb. 6, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.210 ppm (3-4 a.m.)	volcanic emissions
Feb. 5, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.088 ppm (10-11 p.m.)	volcanic emissions
Feb. 5, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (4-5 a.m.)	volcanic emissions
Feb. 4, 2016	Ocean View, Hawaii	SO ₂	1-hour avg. 3-hr avg.	0.075 ppm 0.5 ppm	1.447 ppm (7-8 a.m.) 0.6 ppm (6-9 a.m.)	volcanic emissions
Feb. 4, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.366 ppm (7-8 a.m.)	volcanic emissions
Feb. 2, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.140 ppm (1-2 a.m.)	volcanic emissions
Feb. 1, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.084 ppm (9-10 a.m.)	volcanic emissions
Feb. 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.271 ppm (6-7 a.m.)	volcanic emissions
Jan. 31, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.351 ppm (2-3 a.m.)	volcanic emissions
Jan. 31, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.169 ppm (2-3 a.m.)	volcanic emissions
Jan. 30, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.273 ppm (3-4 a.m.)	volcanic emissions
Jan. 29, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.182 ppm (3-4 a.m.)	volcanic emissions
Jan. 29, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.109 ppm (2-3 a.m.)	volcanic emissions
Jan. 29, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.091 ppm (11 p.m.-midnight)	volcanic emissions
Jan. 29, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.603 ppm (3-4 a.m.)	volcanic emissions
Jan. 28, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (6-7 a.m.)	volcanic emissions
Jan. 28, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (3-4 a.m.)	volcanic emissions
Jan. 28, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (9-10 a.m.)	volcanic emissions
Jan. 28, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.139 ppm (8-9 a.m.)	volcanic emissions

Jan. 27, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.397 ppm (8-9 a.m.)	volcanic emissions
Jan. 27, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.251 ppm (1-2 a.m.)	volcanic emissions
Jan. 26, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (10-11 p.m.)	volcanic emissions
Jan. 26, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (9-10 a.m.)	volcanic emissions
Jan. 24, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.149 ppm (2-3 a.m.)	volcanic emissions
Jan. 24, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.188 ppm (8-9 a.m.)	volcanic emissions
Jan. 24, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.244 ppm (7-8 a.m.)	volcanic emissions
Jan. 24, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.455 ppm (4-5 a.m.)	volcanic emissions
Jan. 23, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (11 p.m.-midnight)	volcanic emissions
Jan. 22, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.306 ppm (9-10 a.m.)	volcanic emissions
Jan. 21, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.404 ppm (8-9 a.m.)	volcanic emissions
Jan. 21, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.484 ppm (4-5 a.m.)	volcanic emissions
Jan. 20, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (noon-1 p.m.)	volcanic emissions
Jan. 20, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.173 ppm (9-10 a.m.)	volcanic emissions
Jan. 19, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.180 ppm (8-9 a.m.)	volcanic emissions
Jan. 19, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.327 ppm (6-7 a.m.)	volcanic emissions
Jan. 18, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (9-10 a.m.)	volcanic emissions
Jan. 18, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.188 ppm (7-8 a.m.)	volcanic emissions
Jan. 17, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.466 ppm (8-9 a.m.)	volcanic emissions
Jan. 17, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.254 ppm (4-5 a.m.)	volcanic emissions
Jan. 16, 2016	Kona, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (8-9 a.m.)	volcanic emissions
Jan. 16, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.189 ppm (1-2 a.m.)	volcanic emissions
Jan. 16, 2016	Pahala, Hawaii	SO ₂	1-hour avg. 3-hr avg.	0.075 ppm 0.5 ppm	0.703 ppm (midnight-1 a.m.) 0.6 ppm (midnight-3 a.m.)	volcanic emissions
Jan. 15, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.430 ppm (6-7 a.m.)	volcanic emissions
Jan. 15, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.336 ppm (4-5 a.m.)	volcanic emissions
Jan. 14, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.140 ppm (8-9 a.m.)	volcanic emissions
Jan. 14, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.482 ppm (1-2 a.m.)	volcanic emissions
Jan. 14, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.170 ppm (2-3 a.m.)	volcanic emissions
Jan. 13, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.557 ppm (8-9 a.m.)	volcanic emissions
Jan. 13, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.261 ppm (6-7 a.m.)	volcanic emissions
Jan. 12, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (8-9 a.m.)	volcanic emissions
Jan. 12, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.091 ppm (7-8 a.m.)	volcanic emissions
Jan. 11, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.216 ppm (8-9 a.m.)	volcanic emissions
Jan. 11, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.615 ppm (6-7 a.m.)	volcanic emissions
Jan. 11, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.240 ppm (11 p.m.-midnight)	volcanic emissions

Jan. 11, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.492 ppm (6-7 a.m.)	volcanic emissions
Jan. 10, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.186 ppm (7-8 a.m.)	volcanic emissions
Jan. 10, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.118 ppm (3-4 p.m.)	volcanic emissions
Jan. 10, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (2-3 a.m.)	volcanic emissions
Jan. 10, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.152 ppm (4-5 a.m.)	volcanic emissions
Jan. 9, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.080 ppm (10-11 a.m.)	volcanic emissions
Jan. 9, 2016	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.175 ppm (6-7 a.m.)	volcanic emissions
Jan. 8, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.240 ppm (2-3 a.m.)	volcanic emissions
Jan. 8, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (3-4 a.m.)	volcanic emissions
Jan. 7, 2016	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.145 ppm (midnight-1 a.m.)	volcanic emissions
Jan. 7, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (10-11 p.m.)	volcanic emissions
Jan. 7, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (midnight-1 a.m.)	volcanic emissions
Jan. 6, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.080 ppm (7-8 a.m.)	volcanic emissions
Jan. 5, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.337 ppm (3-4 a.m.)	volcanic emissions
Jan. 4, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.337 ppm (9-10 a.m.)	volcanic emissions
Jan. 3, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.126 ppm (3-4 a.m.)	volcanic emissions
Jan. 3, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.381 ppm (10-11 a.m.)	volcanic emissions
Jan. 2, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.299 ppm (1-2 a.m.)	volcanic emissions
Jan. 1, 2016	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.117 ppm (9-10 a.m.)	volcanic emissions
Jan. 1, 2016	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.143 ppm (9-10 a.m.)	volcanic emissions

ppm = unit of the standard is in parts per million

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