

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 2012, please see the Department of Health, Clean Air Branch web page.

DATE	MONITORING STATION LOCATION & ISLAND	AIR POLLUTANT	STANDARD TYPE	STANDARD LIMIT	ACTUAL	CAUSE
Dec. 31, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (10-11 a.m.)	volcanic emissions
Dec. 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (2-3 p.m.)	volcanic emissions
Dec. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.168 ppm (8-9 a.m.)	volcanic emissions
Dec. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.129 ppm (9-10 a.m.)	volcanic emissions
Dec. 23, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.124 ppm (8-9 p.m.)	volcanic emissions
Dec. 21, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.182 ppm (8-9 a.m.)	volcanic emissions
Dec. 20, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.132 ppm (6-7 a.m.)	volcanic emissions
Dec. 19, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.171 ppm (7-8 a.m.)	volcanic emissions
Dec. 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.358 ppm (3-4 a.m.)	volcanic emissions
Dec. 18, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (10-11 a.m.)	volcanic emissions
Dec. 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.088 ppm (7-8 p.m.)	volcanic emissions
Dec. 15, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.156 ppm (6-7 a.m.)	volcanic emissions
Dec. 15, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.413 ppm (5-6 a.m.)	volcanic emissions
Dec. 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (midnight-1 a.m.)	volcanic emissions
Dec. 14, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.423 ppm (1-2 a.m.)	volcanic emissions
Dec. 13, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (midnight-1 a.m.)	volcanic emissions
Dec. 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.769 ppm (midnight-1 a.m.)	volcanic emissions
Dec. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.275 ppm (midnight-1 a.m.)	volcanic emissions
Dec. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.417 ppm (11 p.m.-midnight)	volcanic emissions
Dec. 10, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (11 a.m.-noon)	volcanic emissions
Dec. 10, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.149 ppm (9-10 a.m.)	volcanic emissions
Dec. 9, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.427 ppm (6-7 a.m.)	volcanic emissions
Dec. 8, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (7-8 p.m.)	volcanic emissions
Dec. 7, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.170 ppm (8-9 a.m.)	volcanic emissions
Dec. 7, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (1-2 a.m.)	volcanic emissions
Dec. 6, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.443 ppm (4-5 a.m.)	volcanic emissions
Dec. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.201 ppm (1-2 a.m.)	volcanic emissions
Dec. 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (10-11 p.m.)	volcanic emissions

Dec. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (11 p.m.-midnight)	volcanic emissions
Dec. 4, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.466 ppm (6-7 a.m.)	volcanic emissions
Dec. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.191 ppm (8-9 p.m.)	volcanic emissions
Dec. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (3-4 a.m.)	volcanic emissions
Dec. 2, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (5-6 a.m.)	volcanic emissions
Dec. 2, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.445 ppm (4-5 a.m.)	volcanic emissions
Dec. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.140 ppm (7-8 p.m.)	volcanic emissions
Nov. 29, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.545 ppm (6-7 a.m.)	volcanic emissions
Nov. 29, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.237 ppm (1-2 a.m.)	volcanic emissions
Nov. 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.248 ppm (midnight-1 a.m.)	volcanic emissions
Nov. 27, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.124 ppm (9-10 a.m.)	volcanic emissions
Nov. 27, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.163 ppm (7-8 a.m.)	volcanic emissions
Nov. 26, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.255 ppm (9-10 p.m.)	volcanic emissions
Nov. 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.128 ppm (2-3 a.m.)	volcanic emissions
Nov. 25, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (9-10 p.m.)	volcanic emissions
Nov. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.097 ppm (6-7 a.m.)	volcanic emissions
Nov. 24, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.104 ppm (9-10 p.m.)	volcanic emissions
Nov. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.243 ppm (9-10 a.m.)	volcanic emissions
Nov. 22, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.091 ppm (9-10 a.m.)	volcanic emissions
Nov. 21, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.159 ppm (6-7 a.m.)	volcanic emissions
Nov. 20, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.115 ppm (4-5 a.m.)	volcanic emissions
Nov. 19, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.206 ppm (8-9 a.m.)	volcanic emissions
Nov. 18, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.200 ppm (7-8 a.m.)	volcanic emissions
Nov. 18, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.106 ppm (9-10 a.m.)	volcanic emissions
Nov. 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.776 ppm (1-2 a.m.)	volcanic emissions
Nov. 17, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.266 ppm (6-7 a.m.)	volcanic emissions
Nov. 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.206 ppm (10-11 p.m.)	volcanic emissions
Nov. 15, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.265 ppm (6-7 a.m.)	volcanic emissions
Nov. 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (5-6 a.m.)	volcanic emissions
Nov. 13, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.141 ppm (11 a.m.-noon)	volcanic emissions
Nov. 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.757 ppm (8-9 a.m.)	volcanic emissions
Nov. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (10-11 a.m.)	volcanic emissions
Nov. 11, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.195 ppm (2-3 a.m.)	volcanic emissions
Nov. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (8-9 p.m.)	volcanic emissions
Nov. 10, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (10-11 a.m.)	volcanic emissions
Nov. 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (11 p.m.-midnight)	volcanic emissions

Nov. 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.106 ppm (1-2 a.m.)	volcanic emissions
Nov. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (10-11 a.m.)	volcanic emissions
Nov. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.404 ppm (5-6 p.m.)	volcanic emissions
Nov. 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.126 ppm (6-7 p.m.)	volcanic emissions
Oct. 31, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (10-11 p.m.)	volcanic emissions
Oct. 30, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.717 ppm (8-9 a.m.)	volcanic emissions
Oct. 30, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.305 ppm (9-10 a.m.)	volcanic emissions
Oct. 29, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.104 ppm (10-11 p.m.)	volcanic emissions
Oct. 29, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (10-11 p.m.)	volcanic emissions
Oct. 26, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (2-3 a.m.)	volcanic emissions
Oct. 26, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.184 ppm (2-3 a.m.)	volcanic emissions
Oct. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.128 ppm (6-7 a.m.)	volcanic emissions
Oct. 24, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.111 ppm (9-10 a.m.)	volcanic emissions
Oct. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (8-9 a.m.)	volcanic emissions
Oct. 23, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.246 ppm (9-10 a.m.)	volcanic emissions
Oct. 23, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.170 ppm (7-8 a.m.)	volcanic emissions
Oct. 18, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (9-10 a.m.)	volcanic emissions
Oct. 18, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.234 ppm (8-9 a.m.)	volcanic emissions
Oct. 18, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (1-2 a.m.)	volcanic emissions
Oct. 16, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.265 ppm (8-9 a.m.)	volcanic emissions
Oct. 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (6-7 a.m.)	volcanic emissions
Oct. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (8-9 a.m.)	volcanic emissions
Oct. 11, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (6-7 a.m.)	volcanic emissions
Oct. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (6-7 a.m.)	volcanic emissions
Oct. 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (7-8 a.m.)	volcanic emissions
Oct. 8, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (9-10 p.m.)	volcanic emissions
Oct. 8, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.287 ppm (9-10 p.m.)	volcanic emissions
Oct. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (6-7 a.m.)	volcanic emissions
Oct. 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.154 ppm (9-10 p.m.)	volcanic emissions
Oct. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.162 ppm (5-6 a.m.)	volcanic emissions
Oct. 4, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.162 ppm (9-10 p.m.)	volcanic emissions
Oct. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.124 ppm (8-9 a.m.)	volcanic emissions
Oct. 3, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.161 ppm (2-3 a.m.)	volcanic emissions
Oct. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.128 ppm (1-2 a.m.)	volcanic emissions
Oct. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (8-9 p.m.)	volcanic emissions
Oct. 1, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (11 a.m.-noon)	volcanic emissions

Oct. 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (midnight-1 a.m.)	volcanic emissions
Sep. 30, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.202 ppm (4-5 a.m.)	volcanic emissions
Sep. 29, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.096 ppm (11 a.m.-noon)	volcanic emissions
Sep. 29, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (9-10 a.m.)	volcanic emissions
Sep. 28, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.133 ppm (9-10 a.m.)	volcanic emissions
Sep. 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.204 ppm (6-7 p.m.)	volcanic emissions
Sep. 27, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.178 ppm (10-11 a.m.)	volcanic emissions
Sep. 27, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.250 ppm (3-4 a.m.)	volcanic emissions
Sep. 26, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.285 ppm (2-3 a.m.)	volcanic emissions
Sep. 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.411 ppm (9-10 a.m.)	volcanic emissions
Sep. 25, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.233 ppm (9-10 a.m.)	volcanic emissions
Sep. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.181 ppm (4-5 a.m.)	volcanic emissions
Sep. 24, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.233 ppm (7-8 a.m.)	volcanic emissions
Sep. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.115 ppm (10-11 a.m.)	volcanic emissions
Sep. 22, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (8-9 a.m.)	volcanic emissions
Sep. 21, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.170 ppm (7-8 a.m.)	volcanic emissions
Sep. 20, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.241 ppm (7-8 a.m.)	volcanic emissions
Sep. 19, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.141 ppm (8-9 p.m.)	volcanic emissions
Sep. 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (7-8 a.m.)	volcanic emissions
Sep. 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (midnight-1 a.m.)	volcanic emissions
Sep. 17, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (9-10 a.m.)	volcanic emissions
Sep. 17, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.335 ppm (6-7 a.m.)	volcanic emissions
Sep. 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.222 ppm (8-9 a.m.)	volcanic emissions
Sep. 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (9-10 p.m.)	volcanic emissions
Sep. 14, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (5-6 a.m.)	volcanic emissions
Sep. 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.118 ppm (4-5 a.m.)	volcanic emissions
Sep. 12, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (3-4 a.m.)	volcanic emissions
Sep. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (11 p.m.-midnight)	volcanic emissions
Sep. 11, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (7-8 a.m.)	volcanic emissions
Sep. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.144 ppm (7-8 a.m.)	volcanic emissions
Sep. 10, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.160 ppm (8-9 a.m.)	volcanic emissions
Sep. 10, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.380 ppm (4-5 a.m.)	volcanic emissions
Sep. 8, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.144 ppm (9-10 a.m.)	volcanic emissions
Sep. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.113 ppm (8-9 a.m.)	volcanic emissions
Sep. 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.137 ppm (midnight-1 a.m.)	volcanic emissions
Sep. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (5-6 a.m.)	volcanic emissions

Sep. 4, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.147 ppm (11 p.m.-midnight)	volcanic emissions
Sep. 3, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (11 p.m.-midnight)	volcanic emissions
Sep. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (8-9 a.m.)	volcanic emissions
Sep. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (8-9 a.m.)	volcanic emissions
Sep. 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.388 ppm (8-9 a.m.)	volcanic emissions
Aug. 31, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (7-8 a.m.)	volcanic emissions
Aug. 30, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.194 ppm (noon-1 p.m.)	volcanic emissions
Aug. 30, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.196 ppm (11 a.m.-noon)	volcanic emissions
Aug. 29, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (6-7 a.m.)	volcanic emissions
Aug. 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.125 ppm (midnight-1 a.m.)	volcanic emissions
Aug. 27, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.158 ppm (11 p.m.-midnight)	volcanic emissions
Aug. 25, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (9-10 a.m.)	volcanic emissions
Aug. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.185 ppm (4-5 a.m.)	volcanic emissions
Aug. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.164 ppm (3-4 a.m.)	volcanic emissions
Aug. 23, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.226 ppm (7-8 a.m.)	volcanic emissions
Aug. 21, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.213 ppm (8-9 a.m.)	volcanic emissions
Aug. 21, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.369 ppm (7-8 a.m.)	volcanic emissions
Aug. 20, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (3-4 a.m.)	volcanic emissions
Aug. 19, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.220 ppm (3-4 a.m.)	volcanic emissions
Aug. 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.136 ppm (4-5 a.m.)	volcanic emissions
Aug. 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.224 ppm (6-7 a.m.)	volcanic emissions
Aug. 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (2-3 a.m.)	volcanic emissions
Aug. 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.113 ppm (2-3 a.m.)	volcanic emissions
Aug. 13, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.143 ppm (10-11 a.m.)	volcanic emissions
Aug. 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.177 ppm (8-9 a.m.)	volcanic emissions
Aug. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.224 ppm (3-4 a.m.)	volcanic emissions
Aug. 9, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (4-5 a.m.)	volcanic emissions
Aug. 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.210 ppm (4-5 a.m.)	volcanic emissions
Aug. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.136 ppm (4-5 a.m.)	volcanic emissions
Aug. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.132 ppm (6-7 a.m.)	volcanic emissions
Aug. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (5-6 a.m.)	volcanic emissions
July 31, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.173 ppm (9-10 p.m.)	volcanic emissions
July 30, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.175 ppm (8-9 a.m.)	volcanic emissions
July 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.120 ppm (7-8 a.m.)	volcanic emissions
July 27, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (8-9 a.m.)	volcanic emissions
July 25, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (9-10 a.m.)	volcanic emissions

July 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.162 ppm (8-9 a.m.)	volcanic emissions
July 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (9-10 a.m.)	volcanic emissions
July 23, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.319 ppm (2-3 a.m.)	volcanic emissions
July 21, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (8-9 a.m.)	volcanic emissions
July 21, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.192 ppm (8-9 a.m.)	volcanic emissions
July 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.185 ppm (9-10 a.m.)	volcanic emissions
July 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (7-8 a.m.)	volcanic emissions
July 17, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.086 ppm (3-4 a.m.)	volcanic emissions
July 17, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.155 ppm (9-10 a.m.)	volcanic emissions
July 16, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.115 ppm (7-8 a.m.)	volcanic emissions
July 15, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.344 ppm (2-3 a.m.)	volcanic emissions
July 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.077 ppm (6-7 a.m.)	volcanic emissions
July 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (11 p.m.-midnight)	volcanic emissions
July 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (9-10 a.m.)	volcanic emissions
July 10, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.134 ppm (7-8 a.m.)	volcanic emissions
July 9, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.159 ppm (2-3 a.m.)	volcanic emissions
July 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.168 ppm (7-8 a.m.)	volcanic emissions
July 8, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (10-11 p.m.)	volcanic emissions
July 8, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.129 ppm (2-3 a.m.)	volcanic emissions
July 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.147 ppm (10-11 a.m.)	volcanic emissions
June 30, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (7-8 a.m.)	volcanic emissions
June 29, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (3-4 a.m.)	volcanic emissions
June 28, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.238 ppm (7-8 a.m.)	volcanic emissions
June 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (3-4 a.m.)	volcanic emissions
June 26, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.124 ppm (8-9 a.m.)	volcanic emissions
June 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (8-9 a.m.)	volcanic emissions
June 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (3-4 a.m.)	volcanic emissions
June 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.080 ppm (5-6 a.m.)	volcanic emissions
June 23, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (6-7 a.m.)	volcanic emissions
June 22, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.126 ppm (7-8 a.m.)	volcanic emissions
June 21, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (1-2 a.m.)	volcanic emissions
June 20, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.226 ppm (10-11 p.m.)	volcanic emissions
June 20, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.309 ppm (10-11 p.m.)	volcanic emissions
June 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.119 ppm (7-8 a.m.)	volcanic emissions
June 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.189 ppm (6-7 a.m.)	volcanic emissions
June 17, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.283 ppm (10-11 a.m.)	volcanic emissions

June 16, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.086 ppm (5-6 a.m.)	volcanic emissions
June 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.171 ppm (8-9 a.m.)	volcanic emissions
June 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.163 ppm (8-9 a.m.)	volcanic emissions
June 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.337 ppm (4-5 a.m.)	volcanic emissions
June 12, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.247 ppm (8-9 a.m.)	volcanic emissions
June 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.081 ppm (9-10 a.m.)	volcanic emissions
June 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.183 ppm (6-7 a.m.)	volcanic emissions
June 10, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (8-9 a.m.)	volcanic emissions
June 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.183 ppm (6-7 a.m.)	volcanic emissions
June 7, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (7-8 a.m.)	volcanic emissions
June 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.312 ppm (10-11 p.m.)	volcanic emissions
June 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.164 ppm (8-9 a.m.)	volcanic emissions
June 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (7-8 a.m.)	volcanic emissions
June 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.253 ppm (6-7 a.m.)	volcanic emissions
June 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (midnight-1 a.m.)	volcanic emissions
June 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.298 ppm (10-11 p.m.)	volcanic emissions
June 1, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.228 ppm (7-8 p.m.)	volcanic emissions
June 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.147 ppm (11 p.m.-midnight)	volcanic emissions
May 31, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (2-3 a.m.)	volcanic emissions
May 30, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.121 ppm (11 p.m.-midnight)	volcanic emissions
May 27, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (5-6 p.m.)	volcanic emissions
May 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.083 ppm (7-8 p.m.)	volcanic emissions
May 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.096 ppm (1-2 a.m.)	volcanic emissions
May 17, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.250 ppm (2-3 a.m.)	volcanic emissions
May 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.239 ppm (8-9 a.m.)	volcanic emissions
May 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.239 ppm (10-11 p.m.)	volcanic emissions
May 14, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.135 ppm (6-7 a.m.)	volcanic emissions
May 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.101 ppm (midnight-1 a.m.)	volcanic emissions
May 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.090 ppm (10-11 p.m.)	volcanic emissions
May 7, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.248 ppm (6-7 a.m.)	volcanic emissions
May 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.094 ppm (9-10 a.m.)	volcanic emissions
May 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.096 ppm (1-2 a.m.)	volcanic emissions
May 2, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (10-11 a.m.)	volcanic emissions
May 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (6-7 a.m.)	volcanic emissions
May 1, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.182 ppm (7-8 a.m.)	volcanic emissions
May 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (4-5 a.m.)	volcanic emissions

Apr. 27, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.148 ppm (9-10 a.m.)	volcanic emissions
Apr. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.201 ppm (8-9 a.m.)	volcanic emissions
Apr. 23, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.134 ppm (3-4 a.m.)	volcanic emissions
Apr. 22, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.110 ppm (7-8 a.m.)	volcanic emissions
Apr. 21, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (7-8 a.m.)	volcanic emissions
Apr. 21, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.113 ppm (6-7 a.m.)	volcanic emissions
Apr. 20, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.114 ppm (10-11 a.m.)	volcanic emissions
Apr. 20, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.261 ppm (7-8 a.m.)	volcanic emissions
Apr. 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (7-8 a.m.)	volcanic emissions
Apr. 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (1-2 a.m.)	volcanic emissions
Apr. 17, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.180 ppm (1-2 a.m.)	volcanic emissions
Apr. 16, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.277 ppm (7-8 a.m.)	volcanic emissions
Apr. 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (11 p.m.-midnight)	volcanic emissions
Apr. 15, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.106 ppm (7-8 a.m.)	volcanic emissions
Apr. 14, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.276 ppm (9-10 a.m.)	volcanic emissions
Apr. 13, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (2-3 a.m.)	volcanic emissions
Apr. 13, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (11 a.m.-noon)	volcanic emissions
Apr. 12, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (11 p.m.-midnight)	volcanic emissions
Apr. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.300 ppm (2-3 a.m.)	volcanic emissions
Apr. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.607 ppm (7-8 a.m.)	volcanic emissions
Apr. 9, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.233 ppm (9-10 a.m.)	volcanic emissions
Apr. 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.126 ppm (1-2 a.m.)	volcanic emissions
Apr. 8, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (4-5 a.m.)	volcanic emissions
Apr. 7, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.433 ppm (9-10 a.m.)	volcanic emissions
Apr. 7, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.252 ppm (7-8 a.m.)	volcanic emissions
Apr. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.159 ppm (6-7 a.m.)	volcanic emissions
Apr. 5, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.733 ppm (6-7 a.m.)	volcanic emissions
Apr. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.245 ppm (7-8 a.m.)	volcanic emissions
Apr. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.236 ppm (9-10 p.m.)	volcanic emissions
Apr. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (4-5 a.m.)	volcanic emissions
Mar. 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.194 ppm (6-7 p.m.)	volcanic emissions
Mar. 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.084 ppm (8-9 a.m.)	volcanic emissions
Mar. 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.139 ppm (9-10 a.m.)	volcanic emissions
Mar. 10, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.111 ppm (7-8 a.m.)	volcanic emissions
Mar. 9, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (4-5 p.m.)	volcanic emissions
Mar. 9, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.139 ppm (6-7 p.m.)	volcanic emissions

Mar. 8, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.126 ppm (5-6 a.m.)	volcanic emissions
Mar. 8, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.222 ppm (1-2 a.m.)	volcanic emissions
Mar. 7, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.162 ppm (8-9 a.m.)	volcanic emissions
Mar. 6, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (10-11 a.m.)	volcanic emissions
Mar. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.184 ppm (4-5 a.m.)	volcanic emissions
Mar. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (7-8 a.m.)	volcanic emissions
Mar. 4, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.222 ppm (1-2 a.m.)	volcanic emissions
Mar. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.309 ppm (6-7 a.m.)	volcanic emissions
Mar. 3, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.217 ppm (11 p.m.-midnight)	volcanic emissions
Mar. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (4-5 a.m.)	volcanic emissions
Mar. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.234 ppm (1-2 p.m.)	volcanic emissions
Mar. 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.194 ppm (11 a.m.-noon)	volcanic emissions
Feb. 28, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.330 ppm (8-9 a.m.)	volcanic emissions
Feb. 27, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.196 ppm (10-11 a.m.)	volcanic emissions
Feb. 27, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.256 ppm (1-2 a.m.)	volcanic emissions
Feb. 26, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (6-7 p.m.)	volcanic emissions
Feb. 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.305 ppm (noon-1 p.m.)	volcanic emissions
Feb. 25, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.109 ppm (9-10 a.m.)	volcanic emissions
Feb. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.241 ppm (9-1 a.m.)	volcanic emissions
Feb. 23, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.260 ppm (3-4 a.m.)	volcanic emissions
Feb. 22, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.085 ppm (8-9 p.m.)	volcanic emissions
Feb. 21, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (3-4 a.m.)	volcanic emissions
Feb. 20, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.272 ppm (noon-1 p.m.)	volcanic emissions
Feb. 19, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (6-7 p.m.)	volcanic emissions
Feb. 18, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.111 ppm (5-6 p.m.)	volcanic emissions
Feb. 18, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.352 ppm (6-7 p.m.)	volcanic emissions
Feb. 17, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.124 ppm (4-5 p.m.)	volcanic emissions
Feb. 17, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.269 ppm (7-8 p.m.)	volcanic emissions
Feb. 16, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.128 ppm (11 a.m.-noon)	volcanic emissions
Feb. 16, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.389 ppm (3-4 p.m.)	volcanic emissions
Feb. 15, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.088 ppm (10-11 a.m.)	volcanic emissions
Feb. 15, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.356 ppm (10-11 p.m.)	volcanic emissions
Feb. 14, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.294 ppm (6-7 a.m.)	volcanic emissions
Feb. 13, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.371 ppm (9-10 a.m.)	volcanic emissions
Feb. 12, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (10-11 a.m.)	volcanic emissions
Feb. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.109 ppm (8-9 a.m.)	volcanic emissions

Feb. 10, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.151 ppm (5-6 p.m.)	volcanic emissions
Feb. 9, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.202 ppm (9-10 a.m.)	volcanic emissions
Feb. 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.664 ppm (4-5 a.m.)	volcanic emissions
Feb. 8, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.347 ppm (4-5 a.m.)	volcanic emissions
Feb. 7, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (11 a.m.-noon)	volcanic emissions
Feb. 6, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.424 ppm (1-2 a.m.)	volcanic emissions
Feb. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.113 ppm (1-2 a.m.)	volcanic emissions
Feb. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (2-3 a.m.)	volcanic emissions
Feb. 4, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (1-2 a.m.)	volcanic emissions
Feb. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.177 ppm (9-10 a.m.)	volcanic emissions
Feb. 3, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.299 ppm (3-4 a.m.)	volcanic emissions
Feb. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.857 ppm (midnight-1 a.m.)	volcanic emissions
Feb. 2, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.203 ppm (10-11 p.m.)	volcanic emissions
Feb. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.385 ppm (11 p.m.-midnight)	volcanic emissions
Feb. 1, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.142 ppm (5-6 p.m.)	volcanic emissions
Jan. 30, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.150 ppm (6-7 a.m.)	volcanic emissions
Jan. 28, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.169 ppm (7-8 a.m.)	volcanic emissions
Jan. 28, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.322 ppm (8-9 a.m.)	volcanic emissions
Jan. 27, 2013	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.242 ppm (7-8 p.m.)	volcanic emissions
Jan. 27, 2013	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.177 ppm (8-9 p.m.)	volcanic emissions
Jan. 26, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.217 ppm (7-8 a.m.)	volcanic emissions
Jan. 26, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.255 ppm (7-8 a.m.)	volcanic emissions
Jan. 25, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.169 ppm (5-6 a.m.)	volcanic emissions
Jan. 24, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.134 ppm (10-11 a.m.)	volcanic emissions
Jan. 24, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (1-2 a.m.)	volcanic emissions
Jan. 23, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.412 ppm (6-7 a.m.)	volcanic emissions
Jan. 21, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.133 ppm (2-3 a.m.)	volcanic emissions
Jan. 21, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.174 ppm (10-11 a.m.)	volcanic emissions
Jan. 20, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (3-4 a.m.)	volcanic emissions
Jan. 11, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (10-11 p.m.)	volcanic emissions
Jan. 11, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.251 ppm (9-10 a.m.)	volcanic emissions
Jan. 10, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (10-11 a.m.)	volcanic emissions
Jan. 10, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.344 ppm (5-6 p.m.)	volcanic emissions
Jan. 9, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (10-11 a.m.)	volcanic emissions
Jan. 9, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (1-2 a.m.)	volcanic emissions
Jan. 8, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.197 ppm (midnight-1 a.m.)	volcanic emissions

Jan. 7, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.105 ppm (1-2 a.m.)	volcanic emissions
Jan. 7, 2013	Pahala, Hawaii	SO ₂	24-hour avg. 1-hour avg.	0.14 ppm 0.075 ppm	0.16 ppm 0.709 ppm (9-10 a.m.)	volcanic emissions
Jan. 6, 2013	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (5-6 p.m.)	volcanic emissions
Jan. 6, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.359 ppm (10-11 p.m.)	volcanic emissions
Jan. 5, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.286 ppm (1-2 p.m.)	volcanic emissions
Jan. 4, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.376 ppm (11 a.m.- noon)	volcanic emissions
Jan. 3, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (8-9 a.m.)	volcanic emissions
Jan. 2, 2013	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.076 ppm (midnight-1 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