## 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 2016, 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/](http://health.hawaii.gov/cab/notification-of-exceedance-of-a-national-ambient-air-quality-standard/).

<table>
<thead>
<tr>
<th>DATE</th>
<th>MONITORING STATION LOCATION &amp; ISLAND</th>
<th>AIR POLLUTANT</th>
<th>STANDARD TYPE</th>
<th>STANDARD LIMIT</th>
<th>ACTUAL</th>
<th>CAUSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec. 31, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.116 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 31, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.339 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 29, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.114 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 29, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.125 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 28, 2017</td>
<td>Pahala, Hawaii</td>
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<td>0.075 ppm</td>
<td>0.176 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 26, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.103 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 25, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.316 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 25, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.264 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 24, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.121 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 24, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.183 ppm (7-8 a.m.)</td>
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<tr>
<td>Dec. 23, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.161 ppm (10-11 a.m.)</td>
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<tr>
<td>Dec. 22, 2017</td>
<td>Ocean View, Hawaii</td>
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<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.081 ppm (8-9 a.m.)</td>
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<td>Dec. 21, 2017</td>
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<td>0.139 ppm (10-11 a.m.)</td>
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<tr>
<td>Dec. 21, 2017</td>
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<tr>
<td>Dec. 19, 2017</td>
<td>Ocean View, Hawaii</td>
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<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.120 ppm (noon-1 a.m.)</td>
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<tr>
<td>Dec. 14, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.207 ppm (1-2 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 12, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.114 ppm (8-9 a.m.)</td>
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<tr>
<td>Dec. 11, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.131 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 11, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.126 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 11, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.106 ppm (2-3 a.m.)</td>
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<tr>
<td>Dec. 10, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
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<td>0.175 ppm (10-11 a.m.)</td>
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<tr>
<td>Dec. 10, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.218 ppm (6-7 a.m.)</td>
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<tr>
<td>Dec. 9, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.125 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 8, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.251 ppm (5-6 a.m.)</td>
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<tr>
<td>Dec. 8, 2017</td>
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<tr>
<td>Dec. 7, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.175 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Gas</td>
<td>Measurement Type</td>
<td>Concentration</td>
<td>Time Period</td>
<td>Event</td>
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<td>Dec. 6, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
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<td>0.158 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 5, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.100 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 4, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.121 ppm (11 a.m.-noon)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Dec. 4, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.321 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 3, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.115 ppm (3-4 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 2, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.109 ppm (2-3 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Dec. 1, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.193 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 30, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.138 ppm (7-8 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Nov. 29, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.095 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 29, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.086 ppm (3-4 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 27, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.181 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Nov. 26, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.674 ppm (4-5 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 25, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.215 ppm (5-6 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 24, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.085 ppm (5-6 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 23, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.088 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 23, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.094 ppm (9-10 a.m.)</td>
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<tr>
<td>Nov. 22, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.151 ppm (8-9 a.m.)</td>
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<tr>
<td>Nov. 17, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.101 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 16, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.648 ppm (6-7 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 15, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.155 ppm (2-3 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Nov. 14, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.079 ppm (11 a.m.-noon)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Nov. 14, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.101 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 12, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.126 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 10, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.222 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
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<td>Nov. 9, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.142 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 9, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.514 ppm (10-11 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 7, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.170 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 5, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.113 ppm (5-6 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 5, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.103 ppm (8-9 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 4, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.145 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 4, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.274 ppm (5-6 a.m.)</td>
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<tr>
<td>Nov. 3, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.155 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Nov. 2, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.195 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Oct. 30, 2017</td>
<td>Mountain View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.103 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Oct. 25, 2017</td>
<td>Mountain View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.080 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Gas</td>
<td>Time Period</td>
<td>Concentration</td>
<td>Notes</td>
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<tr>
<td>Oct. 23, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.282 ppm (7-8 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 23, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.190 ppm (10-11 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 22, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.159 ppm (2-3 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 22, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.349 ppm (2-3 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 21, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.089 ppm (7-8 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 21, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.194 ppm (8-9 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 20, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.232 ppm (5-6 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 19, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.181 ppm (noon-1 p.m.) volcanic emissions</td>
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<tr>
<td>Oct. 18, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.196 ppm (6-7 p.m.) volcanic emissions</td>
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<tr>
<td>Oct. 17, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.263 ppm (9-10 a.m.) volcanic emissions</td>
<td></td>
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<tr>
<td>Oct. 16, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.444 ppm (11 p.m.-midnight) volcanic emissions</td>
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<tr>
<td>Oct. 15, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.132 ppm (10-11 a.m.) volcanic emissions</td>
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<tr>
<td>Oct. 15, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.352 ppm (noon-1 p.m.) volcanic emissions</td>
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<tr>
<td>Oct. 14, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.573 ppm (3-4 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 14, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.173 ppm (9-10 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 13, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.131 ppm (midnight-1 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 12, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.112 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 11, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.159 ppm (midnight-1 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 10, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.158 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 10, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.182 ppm (11 p.m.-midnight) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 7, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.110 ppm (3-4 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 6, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.124 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 5, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.425 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Oct. 4, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.426 ppm (9-10 p.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 28, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.124 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 28, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.178 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 27, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.118 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 26, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.146 ppm (10-11 p.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 24, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.235 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 23, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.111 ppm (10-11 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 23, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.137 ppm (midnight-1 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 22, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.178 ppm (4-5 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 21, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.078 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 20, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.259 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 19, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.143 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Sep. 18, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.142 ppm (9-10 p.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Pollutant</td>
<td>Measurement Type</td>
<td>Value 1</td>
<td>Value 2</td>
<td>Notes</td>
</tr>
<tr>
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<td>---------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Sep. 17, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.089 ppm (2-3 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 17, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.515 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 16, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.380 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 15, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.156 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 9, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.104 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 7, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.090 ppm (7-8 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 6, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.182 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 6, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.090 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 5, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.111 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 4, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.098 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 2, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.247 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 2, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.166 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Sep. 1, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.152 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 31, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.119 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 30, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.198 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 27, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.333 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 26, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.125 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 25, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.101 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 24, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.092 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 21, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.154 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 20, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.081 ppm (5-6 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 19, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.202 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 19, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.109 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 18, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.185 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 18, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.181 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 17, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.135 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 17, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.106 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 15, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.104 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 14, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.108 ppm (9-10 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 14, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.124 ppm (8-9 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 13, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.239 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 11, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.083 ppm (7-8 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 6, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.078 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 6, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.201 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 5, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.106 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Aug. 4, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.105 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Pollutant</td>
<td>Measurement Type</td>
<td>Value 1</td>
<td>Value 2</td>
<td>Value 3</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------</td>
<td>-----------</td>
<td>------------------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>Aug. 1, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.082 ppm</td>
<td>0.075 ppm</td>
</tr>
<tr>
<td>Aug. 1, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.145 ppm (midnight-1 a.m.)</td>
<td>0.099 ppm (4-5 a.m.)</td>
</tr>
<tr>
<td>Aug. 1, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.086 ppm (10-11 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 31, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.223 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 30, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.089 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 28, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.097 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 28, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.130 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 27, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.079 ppm (9-10 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 27, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.103 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 26, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.155 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 26, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.170 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 21, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.088 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 20, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.132 ppm (5-6 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 19, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.100 ppm (10-11 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 17, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.096 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 16, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.091 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 15, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.078 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 15, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.103 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 13, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.268 ppm (8-9 a.m.)</td>
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</tr>
<tr>
<td>July 11, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.105 ppm (5-6 a.m.)</td>
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<tr>
<td>July 10, 2017</td>
<td>Pahala, Hawaii</td>
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<td>1-hour avg.</td>
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<td>0.204 ppm (8-9 a.m.)</td>
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<tr>
<td>July 8, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.152 ppm (7-8 a.m.)</td>
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</tr>
<tr>
<td>July 7, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.134 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>July 6, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
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<td>0.088 ppm (7-8 a.m.)</td>
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<tr>
<td>July 5, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.262 ppm (5-6 a.m.)</td>
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<tr>
<td>July 4, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
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<td>0.075 ppm</td>
<td>0.379 ppm (2-3 a.m.)</td>
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<tr>
<td>July 3, 2017</td>
<td>Pahala, Hawaii</td>
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<td>0.225 ppm (4-5 a.m.)</td>
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<tr>
<td>July 2, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
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<td>0.124 ppm (8-9 a.m.)</td>
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<td>July 2, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
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<td>0.235 ppm (1-2 a.m.)</td>
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<td>July 1, 2017</td>
<td>Ocean View, Hawaii</td>
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<td>0.178 ppm (2-3 a.m.)</td>
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<tr>
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<td>Pahala, Hawaii</td>
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<td>0.075 ppm</td>
<td>0.139 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 30, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
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<td>0.199 ppm (9-10 a.m.)</td>
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<tr>
<td>June 29, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.125 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
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Volcanic emissions are indicated.
<table>
<thead>
<tr>
<th>Date</th>
<th>Location, Hawaii</th>
<th>Gas</th>
<th>Sampling Period</th>
<th>Average ppm</th>
<th>Other ppm (Time)</th>
<th>Description</th>
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<tbody>
<tr>
<td>June 28, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.199 ppm (4-5 p.m.)</td>
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<tr>
<td>June 27, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.192 ppm (midnight-1 a.m.)</td>
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<tr>
<td>June 26, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.268 ppm (8-9 a.m.)</td>
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</tr>
<tr>
<td>June 25, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.118 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 24, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.281 ppm (9-10 p.m.)</td>
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<tr>
<td>June 22, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.170 ppm (7-8 a.m.)</td>
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<tr>
<td>June 22, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.157 ppm (2-3 a.m.)</td>
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<tr>
<td>June 21, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.125 ppm (7-8 a.m.)</td>
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<tr>
<td>June 20, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.097 ppm (10-11 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 17, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.104 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 16, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.082 ppm (6-7 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 14, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.096 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 14, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.077 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 10, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.096 ppm (9-10 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>June 9, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.234 ppm (8-9 a.m.)</td>
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<td>June 9, 2017</td>
<td>Pahala</td>
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<td>1-hour avg.</td>
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<td>0.279 ppm (5-6 a.m.)</td>
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<tr>
<td>June 8, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.266 ppm (1-2 a.m.)</td>
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<tr>
<td>June 7, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.135 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>June 7, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.181 ppm (11 p.m.-midnight)</td>
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<tr>
<td>June 6, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.186 ppm (9-10 a.m.)</td>
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</tr>
<tr>
<td>June 5, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.337 ppm (8-9 a.m.)</td>
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<tr>
<td>June 4, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.102 ppm (3-4 a.m.)</td>
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<tr>
<td>June 3, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.304 ppm (8-9 p.m.)</td>
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</tr>
<tr>
<td>June 2, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.129 ppm (7-8 p.m.)</td>
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<tr>
<td>June 1, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.129 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>May 30, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.076 ppm (10-11 a.m.)</td>
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<tr>
<td>May 28, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.082 ppm (7-8 a.m.)</td>
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<tr>
<td>May 28, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.169 ppm (8-9 a.m.)</td>
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<td>May 28, 2017</td>
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<td>1-hour avg.</td>
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<td>0.108 ppm (6-7 a.m.)</td>
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<td>May 26, 2017</td>
<td>Pahala</td>
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<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.152 ppm (3-4 a.m.)</td>
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<tr>
<td>May 25, 2017</td>
<td>Ocean View</td>
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<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.134 ppm (8-9 a.m.)</td>
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<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.103 ppm (4-5 a.m.)</td>
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<tr>
<td>May 24, 2017</td>
<td>Pahala</td>
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<td>1-hour avg.</td>
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<td>0.094 ppm (midnight-1 a.m.)</td>
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<td>1-hour avg.</td>
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<td>0.091 ppm (11 p.m.-midnight)</td>
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<tr>
<td>May 22, 2017</td>
<td>Ocean View</td>
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<td>0.113 ppm (7-8 a.m.)</td>
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<tr>
<td>Date</td>
<td>Location, Hawaii</td>
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<td>Hourly Range</td>
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<td>May 4, 2017</td>
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<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>0.075 ppm</td>
<td>0.304 ppm</td>
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<tr>
<td>May 1, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
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<td>0.160 ppm</td>
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<td>April 30, 2017</td>
<td>Mountain View, Hawaii</td>
<td>SO₂</td>
<td>0.075 ppm</td>
<td>0.281 ppm</td>
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<tr>
<td>April 29, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO₂</td>
<td>0.075 ppm</td>
<td>0.118 ppm</td>
<td>volcanic emissions</td>
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<td>Mountain View, Hawaii</td>
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<td>0.503 ppm</td>
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<tr>
<td>April 29, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>0.075 ppm</td>
<td>0.083 ppm</td>
<td>volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>April 27, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO₂</td>
<td>0.075 ppm</td>
<td>0.202 ppm</td>
<td>volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Gas</td>
<td>Measurement Type</td>
<td>Measurement</td>
<td>Comments</td>
<td></td>
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</tr>
<tr>
<td>April 27, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.388 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 26, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.160 ppm (9-10 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 26, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.201 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 25, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.324 ppm (8-9 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 24, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.133 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 23, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.087 ppm (9-10 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 19, 2017</td>
<td>Mountain View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.123 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 17, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.114 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 17, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.114 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 16, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.102 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 16, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.155 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 13, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.094 ppm (10-11 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 12, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.151 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 12, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.339 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 11, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.234 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 11, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.108 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 9, 2017</td>
<td>Hilo</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.359 ppm (5-6 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 9, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.364 ppm (5-6 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 9, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.858 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 8, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.155 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 8, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.521 ppm (5-6 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 7, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.107 ppm (5-6 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 7, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.485 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 6, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.076 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 6, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.495 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 5, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.169 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 3, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.159 ppm (9-10 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 2, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.080 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>April 1, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.196 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 31, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.291 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 30, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.291 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 30, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.332 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 29, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.189 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 29, 2017</td>
<td>Pahala</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.133 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 28, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.232 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 27, 2017</td>
<td>Ocean View</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.179 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Gas</td>
<td>Measurement Type</td>
<td>Value (ppm)</td>
<td>Notes</td>
<td>Type</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>March 27, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 26, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 26, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 25, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 25, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 23, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 23, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 22, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 21, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 20, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 20, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 18, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 18, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 17, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 17, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 15, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 15, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.125 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 14, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 13, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.113 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 12, 2017</td>
<td>Mountain View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td></td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 12, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.136 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 10, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.078 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 7, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.208 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 4, 2017</td>
<td>Mountain View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.142 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 3, 2017</td>
<td>Mountain View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.102 ppm (6-7 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 1, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.356 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>March 1, 2017</td>
<td>Mountain View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.464 ppm (3-4 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 28, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.480 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 27, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.296 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 26, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.138 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 26, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.078 ppm (noon-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 26, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.117 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 25, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.188 ppm (11 a.m.-noon)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 25, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.096 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 24, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.145 ppm (11 a.m.-noon)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Pollutant</td>
<td>Average</td>
<td>Maximum</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>------------------</td>
<td>-----------</td>
<td>-----------</td>
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<td>----------------------------</td>
<td></td>
</tr>
<tr>
<td>Feb. 24, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.270 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 23, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.111 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 22, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.080 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 21, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.498 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 20, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.101 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 19, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.126 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 19, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.112 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 18, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.546 ppm (5-6 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 18, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.448 ppm (8-9 a.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Feb. 17, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.143 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 16, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.209 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 16, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.144 ppm (2-3 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 15, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.739 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 15, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.5 ppm</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 14, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.581 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 13, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.136 ppm (3-4 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 12, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.271 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 9, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.198 ppm (10-11 p.m.)</td>
<td>volcanic emissions</td>
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<tr>
<td>Feb. 7, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.269 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 6, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.105 ppm (midnight-1 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 5, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.435 ppm (3-4 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 4, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.099 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 4, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.152 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 3, 2017</td>
<td>Hilo, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.200 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 2, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.185 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 2, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.341 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 1, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.088 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Feb. 1, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.244 ppm (10-11 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Jan. 31, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.120 ppm (2-3 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Jan. 31, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.301 ppm (9-10 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Jan. 30, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.391 ppm (7-8 p.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Jan. 29, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.081 ppm (1-2 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Jan. 29, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.085 ppm (11 a.m.-noon)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Jan. 28, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.717 ppm (4-5 a.m.)</td>
<td>volcanic emissions</td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Pollutant</td>
<td>Interval</td>
<td>Average Concentration</td>
<td>Comment</td>
<td></td>
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<tr>
<td>Jan. 27, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.188 ppm (10-11 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 27, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.397 ppm (9-10 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 26, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.213 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 26, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.282 ppm (7-8 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 26, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.096 ppm (9-10 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 22, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.157 ppm (5-6 p.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 22, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.437 ppm (11 a.m.-noon) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 21, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.156 ppm (6-7 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 21, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.214 ppm (2-3 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 20, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.167 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 20, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.586 ppm (9-10 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 19, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.184 ppm (11 p.m.-midnight) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 18, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.827 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 17, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.196 ppm (2-3 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 16, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.187 ppm (7-8 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 15, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.415 ppm (8-9 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 14, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.130 ppm (7-8 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 14, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.225 ppm (midnight-1 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 14, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.629 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 13, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.123 ppm (10-11 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 13, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.295 ppm (1-2 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 12, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.176 ppm (11 p.m.-midnight) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 11, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.667 ppm (3-4 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 11, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>3-hour avg.</td>
<td>0.05 ppm</td>
<td>0.6 ppm (3-6 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 10, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.263 ppm (3-4 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 10, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.093 ppm (7-8 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 9, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.427 ppm (5-6 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 9, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.456 ppm (4-5 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 8, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.319 ppm (9-10 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 6, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.394 ppm (3-4 a.m.) volcanic emissions</td>
<td></td>
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<tr>
<td>Jan. 5, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.135 ppm (10-11 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 4, 2017</td>
<td>Hilo</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.078 ppm (7-8 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 4, 2017</td>
<td>Kona</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.092 ppm (5-6 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 4, 2017</td>
<td>Ocean View</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.146 ppm (5-6 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 4, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.351 ppm (midnight-1 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 4, 2017</td>
<td>Pahala</td>
<td>SO₂</td>
<td>1-hour avg.</td>
<td>0.075 ppm</td>
<td>0.298 ppm (midnight-1 a.m.) volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Location, Hawaii</td>
<td>Gas</td>
<td>1-hour avg</td>
<td>24-hour avg</td>
<td>Comment</td>
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<tr>
<td>------------</td>
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<td>------------</td>
<td>--------------</td>
<td>--------------------------</td>
<td></td>
</tr>
<tr>
<td>Jan. 3, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>0.075 ppm</td>
<td>0.084 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 3, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>0.075 ppm</td>
<td>0.330 ppm (11 p.m.-midnight)</td>
<td>volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 1, 2017</td>
<td>Ocean View, Hawaii</td>
<td>SO$_2$</td>
<td>0.075 ppm</td>
<td>0.133 ppm (6-7 a.m.)</td>
<td>volcanic emissions</td>
<td></td>
</tr>
<tr>
<td>Jan. 1, 2017</td>
<td>Pahala, Hawaii</td>
<td>SO$_2$</td>
<td>0.075 ppm</td>
<td>0.115 ppm (7-8 a.m.)</td>
<td>volcanic emissions</td>
<td></td>
</tr>
</tbody>
</table>

ppm = unit of the standard is in parts per million  
µg/m$^3$ = unit of the standard is in micrograms per cubic meter of air