

Date	Time	Instrument	Location/flight	CO <sub>2</sub> / SO <sub>2</sub>	Lower SO <sub>2</sub> limit/ppmv	Data points	Max. SO <sub>2</sub>	Distance to rim/km
14.07.2016	09:43–15:10	MG	Santiago rim; lookout south	2.9 ± 0.1	4	3200	31.1	0
14.07.2016	11:18–11:44	MG	Santiago rim; lookout south	2.9 ± 0.3	4	440	17.5	0
14.07.2016	11:19–11:45	SK	Santiago rim; lookout south	3.8 ± 0.5	4	1460	17.9	0
14.07.2016	10:42– 12:09	SK	Santiago rim; lookout south	3.6 ± 0.4	4	2600	18.5	0
15.07.2016	09:43–16:23	MG	Santiago rim; pole site	3.1 ± 0.1	4	2950	29.6	0
15.07.2016	15:28–16:19	SK	Nindiri rim	3.3 ± 1.2	1	3100	5.8	0.5
16.07.2016	11:18–12:19	SK	Santiago rim; pole site	4.7 ± 0.3	4	3000	28	0
17.07.2016	08:56–08:59	SK	caldera valley; flight no. A2	2.9 ± 1.3	1	150	2.8	1.8
17.07.2016	11:21–11:28	SK	caldera valley; flight no. A5	4.8 ± 3.2	1	630	4.8	1.8
17.07.2016	11:53–12:01	SK	caldera valley; flight no. A6	6.5 ± 3.4	0.2	620	3.4	1.9
17.07.2016	12:10–12:20	SK	caldera valley; flight no. A7	6.2 ± 5.6	0.4	1150	2.2	1.5
18.07.2016	07:55–09:36	SK	Santiago rim; pole site	4.1 ± 0.3	4	4350	36.7	0
18.07.2016	13:19–13:27	SK	caldera valley; flight no. B4	5.1 ± 4	1	560	4.4	1.7
20.07.2016	12:55–13:04	SK	caldera valley; flight no. C1	7.5 ± 5.8	0.5	310	2.8	1.9
20.07.2016	13:29–13:35	SK	caldera valley; flight no. C2	7.7 ± 5.1	0.75	470	2.9	1.9
20.07.2016	13:58–14:07	SK	caldera valley; flight no. C3	2.2 ± 1.1	0.5	380	1.9	1.9
20.07.2016	16:22–16:29	SK	caldera valley; flight no. C7	5.3 ± 4.4	0.5	550	3.4	2