



Corrigendum to **“Evaluating Sentinel-5P TROPOMI tropospheric NO₂ column densities with airborne and Pandora spectrometers near New York City and Long Island Sound” published in Atmos. Meas. Tech., 13, 6113–6140, 2020**

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In the published version of “Evaluating Sentinel-5P TROPOMI tropospheric NO₂ column densities with airborne and Pandora spectrometers near New York City and Long Island Sound”, an error was introduced in Table 3 in the initial submission. The error is in the “Flight pattern type” column of the table, where large patterns were noted as small or large in most cases. The errors in this table do not result in any changes to statistics or conclusions drawn in this work. However, the authors wanted a new version of this table to be available in case data users would like to use these definitions for subsequent work with the airborne data.

To clarify what small vs. large flight patterns mean, large flight patterns are those that largely cover the area of the black lines in Fig. 1. This type of pattern could only be flown once in a flight. Small flight patterns are smaller (i.e., the white lines in Fig. 1) and are used to define any flights where two patterns were conducted in a single flight.

Table 3. GeoTASO/GCAS flight summary for LISTOS. Flights with shaded boxes are not considered in this analysis.

Flight	Date	Time (UTC fractional hour)	Pollution scale (95th percentile $\times 10^{15}$ molecules cm^{-2})	% Cloudy pixels	No. of valid Pandora coincidences	No. of valid TROPOMI coincidences	Flight pattern type (Fig. 1)
1	18 Jun 2018	12.0–15.6					Large
2		17.0–20.7					Large
3	25 Jun 2018	12.5–15.7	7.3	10	5	34	Large
4		16.8–20.3	7.2	5			Large
5	30 Jun 2018	12.2–15.6	11.2	0	9	65	Large
6		16.7–20.4	13.5	1			Large
7	2 Jul 2018	11.4–16.6	14.5	0	7	18	Large
8		17.9–21.5	18.9	0			Large
9	19 Jul 2018	11.4–15.3	17.9	0	11	47	Small
10		16.9–20.9	32.4	0			Small
11	20 Jul 2018	11.4–15.3	30.4	3	15	38	Small
12		17.1–21.1	16.3	5			Small
13	5 Aug 2018	12.5–16.5	15.5	1	15	0	Small
14		17.8–22.3	10.2	5			Small
15	6 Aug 2018	11.7–16.0	21.3	0	13	11	Small
16		17.2–21.5	16.1	5			Large
17	15 Aug 2018	11.2–15.5	12.4	0	17	52	Small
18		17.0–21.6	9.8	5			Small
19	16 Aug 2018	11.3–15.3	13.7	17	16	31	Large
20		17.3–21.5	9.8	2			Large
21	24 Aug 2018	10.9–15.3	14.7	0	18	32	Small
22		16.6–21.0	37.8	4			Small
23	28 Aug 2018	11.3–15.3	16.6	0	15	10	Large
24		16.6–20.3	16.0	2			Large
25	29 Aug 2018	11.2–15.1	16.8	0	17	17	Large
26		16.6–20.8	14.0	3			Large
27	6 Sep 2018	11.9–15.8	11.8	9	13	33	Large
28		17.2–21.4	12.2	5			Large
29	3 Oct 2018	12.3–16.7					Small
30		18.2–21.8					Small
31	19 Oct 2018	12.8–15.2					Small
32		16.8–20.3					Small