

RRTM_LW band as in Figure S3	Bandwidth
1	10 -350 cm <sup>-1</sup>
2	350-500 cm <sup>-1</sup>
3	500- 630 cm <sup>-1</sup>
4	630- 700 cm <sup>-1</sup>
5	700- 820 cm <sup>-1</sup>
6	820- 980 cm <sup>-1</sup>
7	980- 1080 cm <sup>-1</sup>
8	1080-1180 cm <sup>-1</sup>
9	1180- 1390 cm <sup>-1</sup>
10	1390- 1480 cm <sup>-1</sup>
11	1480-1800 cm <sup>-1</sup>
12	1800- 2080 cm <sup>-1</sup>

Table S1. The bandwidths as defined in the RRTM\_LW.