

Table S1. Percentage of missing LE values for each site.

ID	Name	Record period	Number of days (-)	Number of 30 min Intervals (-)	Missing LE (%)
1	us-twt	2009 to 2014	2098	100704	32.4
2	us-arm	2003 to 2012	3653	175344	11.8
3	us-fwf	2006 to 2010	1735	83280	11.5
4	de-rur	2012 to2017	2101	100848	4.6
5	us-me3	2004 to 2009	2100	100800	26.8
6	de-hai	2000 to 2007	2922	140256	25.7
7	us-tw1	2012 to2014	902	43296	0.0
8	de-sfn	2012 to2014	910	43680	0.0