

Supplementary Table 2. Monthly precipitation (mm) for years 2015, 2016, 2018 and mean monthly and annual precipitation for the 30-year period January 1991 to December 2020 at Swedish meteorological stations nearest the four sites, and their coordinates. Nyhamnsläge\* March 1998–December 2020

Site	Meteorological station and year	Station coordinates	January	February	March	April	May	June	July	August	September	October	November	December	Σ
Krageholm	Bollerup	55.49°N14.04°E													
	2015		99.3	14.3	50.9	24.6	49.6	44.9	35.8	24.3	58.0	25.4	156.5	76.8	660
	2016		72.5	51.0	20.8	51.3	12.1	43.9	67.8	34.3	31.0	139.1	70.5	26.9	621
	2018		81.5	27.0	56.7	36.5	0.4	14.4	32.5	64.1	12.9	54.9	47.9	98.9	528
	1991–2020		57.8	47.7	40.8	31.5	40.5	55.9	53.6	63.0	61.3	77.6	67.5	68.7	666
Krapperrup	Nyhamnsläge*	56.25°N12.54°E													
	2015		68.5	45.5	48.9	36.6	61.3	35.2	69.4	75.3	96.2	5.7	114.5	82.6	740
	2016		38.5	61.0	46.9	46.3	24.6	45.7	112.5	60.4	16.8	54.8	39.5	34.1	581
	2018		48.2	19.7	44.0	31.4	10.1	18.6	6.4	124.7	38.8	50.4	19.6	42.5	454
	1991–2020		49.2	43.5	37.2	33.9	47.2	71.4	71.6	88.6	66.0	66.4	54.0	57.5	687
Råbelöf	Kristianstad	56.01°N 14.29°E													
	2015		78.3	7.9	49.7	18.5	66.3	57.2	51.9	31.6	45.5	21.8	95.2	53.9	578
	2016		26.	30.6	22.3	42.8	7.6	48.4	99.2	52.6	3.3	145.0	96.6	21.2	596
	2018		65.0	12.7	32.3	30.5	5.2	14.4	30.6	106.7	7.8	55.3	21.6	47.8	430
	1991–2020		44.1	39.0	31.5	30.5	43.5	65.2	66.0	66.3	53.4	65.5	55.8	51.0	612
Kornheddinge	Lund	55.69°N 13.23°E													
	2015		79.5	16.6	57.8	29.8	59.5	45.0	36.2	60.8	77.4	17.1	155.9	88.4	724
	2016		39.1	42.1	30.7	50.1	15.0	105.0	71.7	52.7	19.1	72.9	66.2	45.7	610
	2018		55.6	29.7	55.2	34.4	2.3	18.1	2.5	90.7	32.4	56.1	27.0	73.1	477
	1991–2020		54.5	42.7	39.7	33.9	43.1	62.9	62.3	79.3	60.5	68.1	61.3	67.8	676