

Appendix 1. Environmental variables in the river basins of the Kola Peninsula and adjusted territories of the European Russian Arctic.

No.	Name	Latitude, N	Longitude, E	T mean/year	Rainfall, mm/y	Depth max, m	Depth mean, m	Catchment area, km ²	pH	P-PO ₄ , mg/l	N-NO ₃ , mg/l	Si, mg/l	Cond20, mS/cm	No of Species
1	Tsaga River	67°34'03,75"	35°07'20,38"	-1	600	1.30	0.50	507.0	6.78	0.002	0.01	3.76	26	7
2	Zhemchuzhnaya River	67°34'38,43"	33°23'15,57"	-1	600	2.00	0.60	36.6	7.57	0.347	2.04	2.79	245	17
3	Belaya River	67°35'07,09"	33°35'09,86"	-1	1000	2.50	1.00	390	7.50	0.414	1.85	2.92	138	47
4	Yuksporjok River	67°38'16,67"	33°42'57,27"	-2	1200	1.00	0.50	32.51	8.98	2.4	4.61	4.36	243	19
5	Saamka River	67°38'57,44"	33°41'51,80"	-2	1200	0.70	0.50	15.6	7.75	0.278	9.35	3.22	266	51
6	Zhelezny stream	67°38'37,79"	33°47'04,17"	-2	1200	0.30	0.10	0.22	8.07	0.013	0.261	3.3	67	7
7	Vudyavryok River	67°39'56,41"	33°38'38,03"	-2	1000	1.20	0.50	53.7	7.27	0.001	0.082	3.18	35	19
8	Kukisyok River	67°42'27,91"	33°36'58,93"	-2	1200	0.50	0.30	47.1	7.05	0.002	0.051	2.12	30	21
9	Kah River	68°10'22,91"	33°10'58,20"	-1	550	1.00	0.50		7.26	0	0.68	0.7	72.2	21
10	Madsash River	68°34'28,02"	28°39'23,20"	0	600	0.50	0.25		6.91	0.001	0	1.49	28	7
11	Soukerjoki River	69°24'59,91"	30°30'15,32"	0	550	1.50	0.50		7.08	0.001	0.003	2.98	44	17
12	Pahta River	69°30'55,40"	30°27'59,61"	0	550	1.10	0.40		6.96	0.001	0	2.76	42	6