

Supplementary 1. Studied lakes (territories, landscapes, and lake systems)

Geographical location	Zonal group of landscapes	Azonal group of landscapes	Lake system	Lake	Latitude	Longitude
Vasyugan plain	West Siberian sub-taiga	Lacustrine-alluvial and ancient alluvial with a cover of loess and loess-like loam	Samus`kaya	Yakovo	56,757155	84,769953
				Mal`tcevo	56,752581	84,740427
				Krugloe	56,752157	84,710558
			Kyshtovskaya	Karbalyk	56,572309	76,504200
				Urmannoe	56,480023	76,123904
				Danilovo	56,426172	75,838903
Baraba lowland	West Siberian forest steppe		Gzhatskaya	Chulym	55,707721	78,096594
				Barchin	55,712857	78,153929
				Kambala	55,677372	78,203367
				Bol. Kazatovo	55,641369	78,117193
			Bergul'skaya	Kajly	55,622529	78,270315
				Bergul	55,603389	78,268770
				Yargol	55,601493	78,363184
			Novokievskaya	Suetok	55,538068	78,562017
				Bilgen	55,557338	78,626219
				Bol. Kurgan	55,572416	78,685614
			Kuibyshevskaya	Sarbalyk	55,556851	78,717028
				Tcybovo	55,513632	77,977513
		Zhiloe -K		55,514801	78,030041	
		Barabinskaya	Mostovoe	55,462691	78,207293	
			Bol. Kajly	55,416490	78,299719	
			Pecchanoe	55,411119	78,347441	
			Chistoe	55,402035	78,366838	
		Chulymskaya	Bugristoe	55,373550	78,391901	
			Zhiloe	55,302448	78,469065	
			Kankul	55,228824	80,531782	
		Zdvinskaya	Kachkulnya	55,247092	80,584558	
			Itkul	55,060854	81,025362	
		Karasukskaya	Bol. Chica	54,731862	78,565685	
			Dolgoe	54,779364	78,545320	
Kusgan	53,747544		77,884851			
Terengul'skaya	Krotovo	53,723368	77,871979			
	Khoroshee	53,542084	78,551577			
Mikhailovskaya	Krasnovishnevoe	53,837529	76,931703			
	Nikitinskoe	53,813662	77,032125			
Kulunda plain	West Siberian and Kazakhstan dry steppe	Ancient alluvial and alluvial-outwash, sandy	Milinovoe	51,701987	79,746080	
				Jodnoe	51,691203	79,803160
			Petukhovskaya	Petukhovo (steppe)	52,271846	79,472758
	Kurich`e			52,202710	79,482371	
	Zheltyr'			52,158685	79,346438	
	Salty lakes of ribbon forests		Petukhovo (ribbon forests)	52,103962	79,155980	
		Tanatar -4	51,632699	79,853886		
		Tanatar-6	51,620519	79,815863		
		Rublevo	51,633197	79,993686		
	Slightly salted lakes of ribbon forests	Demkino	51,625505	79,888716		