

Questionnaire on water balance studies in northern research basins

Log Tajezhny

Valday Experimental Watershed of the State Hydrological Institute (SHI)

1) Name and location of research watershed	Log Tajezhny , Valday, Novgorod Region
2) Participants with address and email	Igor Shiklomanov – Chief of the SHI team, State Hydrological Institute, Second Line, 23, 199053, St.Petersburg, Russia, e-mail <a href="mailto:ishiklom@zb3627.spb.edu">ishiklom@zb3627.spb.edu</a>
3) Watershed size	0.45 km <sup>2</sup>
4) Permafrost extent	No permafrost
5) Soils description	podsollic, predominantly sandy loam with forest litter and moss
6) Vegetation description	coniferous (mainly fir) forest (90%), wetlands with birch trees (10%)
7) Climate	Moderate continental: mean precipitation 730 mm/year, temperatures from –9.6 (Jan.) to 16.9 (July), mean SWEs from 120 to 190 mm (slightly depending on elevation)
8) Topography	Post-glacial hilly area, elevation from 190 to 220 m a.s.l for small catchments (1,2) and from 70 to 290 m for the Polomet' river watershed
9) Period of record	1950 – 2003 (continuously)
10) Other	Regular observation all the year round