

Questionnaire on water balance studies in northern research basins

Log Usadjevsky,
Valday Experimental Watershed of the State Hydrological Institute (SHI)

1) Name and location of research watershed	1) Log Usadjevsky 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 ishiklom@zb3627.spb.edu
3) Watershed size	1) 0.45 km ²
4) Permafrost extent	No permafrost
5) Soils description	1) sod-podzolic, silt loam (53%), sandy loam on silt loam (21%), sands (16%), peat soil (10%)
6) Vegetation description	1) grassland (85%), bushes (11%), mixed (predominantly pine and birch) forest (4%)
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