

Questionnaire on water balance studies in northern research basins

Polomet' River

Valday Experimental Watershed of the State Hydrological Institute (SHI)

1) Name and location of research watershed	Polomet' river 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	432 km ²
4) Permafrost extent	No permafrost
5) Soils description	podsollic, predominantly sandy loam and sands, partially peat bog
6) Vegetation description	mainly mixed (fir, pine, birch, alder) forest, partially arable land (about 6%)
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