

NORTHERN RESEARCH BASINS QUESTIONNAIRE
WATER BALANCE STUDIES
Jan. 15, 2004

1) Name and location of research watershed	T-river watershed (71° 40'N, 128° 50'E), Tiksi, Eastern Siberia
2) Participants with address and email	Yoshiyuki Ishii (ishiiy@pop.lowtem.hokudai.ac.jp) and Yuji Kodama (kod@pop.lowtem.hokudai.ac.jp) -Institute of Low Temperature Science, Hokkaido University, Sapporo 060-0819, Japan Hironori Yabuki (yabuki@jamstec.go.jp) -Frontier Observational Research System for Global Change, Yokohama 236-0001, Japan
3) Watershed size	5.5 km ²
4) Permafrost extent	continuous with depth, more than 500 m
5) Soils description	active layer thickness 0.2 to 0.7 m living-plant, organic and mineral soil layers over the frost table
6) Vegetation description	wet moss/sedge, dry moss and lichen-gravel land
7) Climate	Arctic maritime annual mean temp. -13.5 deg-C, annual precip. 345 mm windy and its direction shows clear seasonality (N-NE in summer, SW-W in winter)
8) Topography	altitude ranges from 40 to 300 m a.s.l. small hill (middle-upper reach) and flat plain (lower reach)
9) Period of record	continuous stream flow data, June to August in 1997-2000 and 2002 meteorological elements and energy flux, year-around from 1998 to present
10) Other	None