

**NORTHERN RESEARCH BASINS QUESTIONNAIRE  
WATER BALANCE STUDIES**

**Mogot Experimental Watershed**

1) Name and location of research watershed	Mogot Experimental Watershed, Nelka river, 55°36' and 124°53'
2) Participants with address and email	Jumpei Kubota Research Institute for Humanity and Nature 335, Takashima-cho, Kamigyuu-ku, Kyoto 602-0878, JAPAN e-mail: jkubota@chikyu.ac.jp tel: +81-75-229-6171 fax: +81-75-229-6150
3) Watershed size	30.8 km <sup>2</sup>
4) Permafrost extent	Continuous with depth varying from 100 m to 250 m
5) Soils description	Frozen mountain-taiga detritus soils with incomplete profile on alluvial and eluvial-deluvial Quaternary deposits underlain crystalline shale and gneisses of the Precambrian era broken by granite intrusions
6) Vegetation description	Light deciduous forests. Larch ( <i>Larix gmelinii</i> ) is dominant on the lower part of slopes and birch ( <i>Betula platyphylla</i> ) and red pine ( <i>Pinus sylvestris</i> ) are dominant in other areas.
7) Climate	Continental climate with long severe winters and low annual precipitation.
8) Topography	Low hilly mountains 585 to 1108 m.
9) Period of record	August 2000 to June 2002
10) Other	Year-around data collection