

**Table 19.1:** Major characteristics of three small forested catchments in the Czech Republic and France

No.	X-8	X-16	Strengbach
Location	Salacova Lhota	Jezeri	Aubure
Region	Rural	Industrial	Rural
	Bohemian-Moravian Upland	Krusne hory Mts	Vosges Mts
Study period	1976-1998	1978-1998	1986-1996
Latitude	49°31 North	50°33 North	48°12 North
Longitude	14°59 East	13°30 East	7°11 East
Minimum altitude (m)	557	480	883
Maximum altitude (m)	744	900	1146
Mean slope, %	13.3	17.8	22
Area, km <sup>2</sup>	1.68	2.6	0.8
Annual precipitation, mm	685	812	1357
Annual runoff, mm	128	431	811
Prevailing bedrock	Biotite-muscovite gneiss, quartzite	Biotite-sillimanite gneiss granite, quartzite	Base poor granite
Prevailing soil	District to Eutric Cambisol	District to Eutric Cambisol	District Cambisol to Podzol
Prevailing vegetation	100% spruce	25% beech 80yrs old 7% spruce 50 yrs old 65% young mixed plantation 3% grassland	45% spruce (90 yrs old) 23% spruce (<40 yrs old) 17% old beech (>140 yrs old) 15% grassland + young plantations