Change in spring event timing

Absolute changes	Earlier spring discharge		Grea
	Earlier spring chlorophyll		Ear Lo
	Earlier onset stratification		l Loi
	Earlier ice-off	_	lim
Kelative changes	Widening gap between ice-off and		Gre
	spring chlorophyll peak compared to onset of stratification	<	M

Ecological consequences

Greater nutrient availability early in the year

Earlier uptake of nutrients

Longer growing season

Earlier decline of hypolimnetic oxygen

Longer period of nutrient limitation in epilimnion in summer

Greater water-atmosphere exchange

More opportunities for species adapted to mixed water columns