

Start

Heavy snow increases ice thickness on glacier. Lose a turn.

Melting ice allows old atmospheric contaminants held in the ice crystals to be released. Go back 3 spaces.

Glacier Terminus

Receding glacier allows new lichens to colonize exposed rock. Move ahead 2 spaces.

Increased melting of the glacier. More water available for the hydroelectric plant to generate electricity. Move ahead 1 space.

Continual melting reduces the glacier until there is no longer enough water for the hydroelectric plant to generate electricity. Go back 5 spaces.

Increased melting causes increased stream flow. Erosion destroys habitat for plants and animals living on riverbanks. Lose a turn.

Continual melting reduces the glacier until there is not enough water to supply drinking water to river communities. Go back to the terminus of the glacier.

Increased melting increases turbidity making it difficult for salmon to find food in the water. Go back 2 spaces.

Increased melting increases silt load in river and covers salmon spawning beds. Lose a turn.

Increased melting and flooding washes salmon eggs from spawning areas. Go back 3 spaces.

Increased melting causes flooding of agricultural fields. Go back 2 spaces.

Continual melting reduces the glacier until there is no longer enough water supply to irrigate crops. Go back 3 spaces.

Increased melting causes flooding that washes toxic chemicals from the land into the river. Go back 2 spaces.

Increased melting raises global sea level and floods coastal communities. Move back 5 spaces.

Finish

Glacier Game