

Activity

Winner

Positive Impacts

Loser

Adverse Impacts

Cultural and Heritage

Historic Sites	X	Longer tourist season; warmer weather	X	Re-enactments (Gettysburg, Brandywine, Washington's Crossing); too hot
Family/Group Activities	X	Longer season	X	Hotter; more severe storms
Festivals and Fairs	X	Longer season	X	Hotter (for attendees and people in costume); more severe storms; stinging bees
Outdoor Movies, Plays, Concerts	x	Longer season		

Passive Recreation Activities (listed don't fit well together)

Driving for Pleasure	X	Better driving conditions (due to less snow and ice); less freeze/thaw; fewer potholes; more road trips	x	More severe storms
Fall Foliage Viewing			X	Stressed northern hardwoods (maple, beech, birch)lose foliage faster; range shift; uncertain what will happen
Picnicking	X	Longer season	X	Hotter; more severe storms
Outdoor Sports, Spectators				

Theme Parks

Amusement Parks	X	Longer season	X	Hotter; more severe storms
Water Parks	X	Longer season	X	Hotter; more severe storms
Nature Centers	X	Longer season	X	Hotter; more severe storms

Individual/Aerobic Activity

Walking	X	Longer season	X	Hotter; more severe storms
Jogging	X	Longer season	X	Hotter; more severe storms
Hiking	X	Longer season	X	Hotter; more severe storms; poison ivy; more ticks
In-Line Skating	X	Longer season	X	Hotter; more severe storms
Triathlons, Marathons (Competitive vs. Fundraisers)				

Swimming

			Tourism Outdoor Recreation DRAFT - August 27, 2010		
Lake	X	Longer season	X	Hotter; more aquatic weeds; more storms; flooding; bacteria problems when it gets too hot	
Pool	X	Longer season	x	Bacteria problems when it gets too hot	
Beach Use	X	Longer season	X	Hotter; more severe storms	

Nature Viewing

Fish Viewing			X	Stressed fish; drought; flashier flows
Birding and Birdwatching	X	Species at edge of southern range; might see more non-native birds blown in by storms	X	Species at edge of northern range; timing of prey availability and birds arriving in spring is off (birds will starve)
Mammals (e.g., Elk)			X	Elk range shift north
Night Sky Viewing	X	Warmer and longer season	X	More storms

Bicycling

Mountain Biking	X	Longer season	X	Hotter; more severe storms
Road Biking	X	Longer season	X	Hotter; more severe storms

Fishing

Ice Fishing			X	Less ice; aquatic invasive species (AIS)
Coldwater (Trout)			X	Warmer water; AIS; drought; stormwater
Warm Water (Bass)	X	Warmer water; expanded range	X	Might be too warm; AIS; drought; stormwater; saltwater intrusion; potential for fish kills due to stress

Camping

RV'ing	X	Longer season	X	Hotter; more severe storms
Tent Camping	X	Longer season	X	Hotter; more severe storms; poison ivy

Animal Activities

Dog Walking	X	Longer season	X	Hotter; more severe storms
Horseback Riding	X	Longer season	X	Hotter; more severe storms; ticks; animals are stressed (need to keep them cool)
Zoos	X	Better for warm weather animals; longer season	X	Worse for cold weather animals; increased costs of operations to keep people cool
Race Tracks and Racinos	x	Longer season	x	Harder to keep animals cool

Other

Geocaching	X	Longer season	Tourism Outdoor Recreation	X	Hotter; more severe storms
Playground Use	X	Longer season	DRAFT - August 27, 2010	X	Hotter; more severe storms
Horseshoes					
Disc Golf (big in state parks; around Phila.)					

Adventure Activity

Hang Gliding	X	Longer season		X	Hotter; more severe storms
Rock Climbing	X	Longer season		X	Hotter; more severe storms
Bouldering	X	Longer season		X	Hotter; more severe storms
Storm Chasing	X	More storms			

Hunting

Waterfowl	X	Less mortality of resident geese		X	Great Lakes not freezing, so birds not migrating to PA; prairie potholes drying up and eliminating nesting areas; predators doing better on the prairies (e.g., striped skunks, foxes, and raccoons can over-winter better); potential for avian cholera
Deer	X	Less winter mortality; earlier leaf out in spring give them more food		X	Less snow for tracking
Small Game				X	Denser vegetation as cover for the game
Bear				X	Increase nuisance with decreased hibernation
Elk				X	Range shifts north

Winter Sports

Downhill Skiing				X	Less snow; less water for snow-making; lack of predictability (infrastructure and staffing implications); need 5 days of 28 degrees and below to make snow
Snow Tubing				X	Less snow; less water for snow-making; lack of predictability (infrastructure and staffing implications); need 5 days of 28 degrees and below to make snow
Cross Country Skiing	X	Occasional heavy snows		X	Less snow
Snowshoeing	X	Occasional heavy snows		X	Less snow
Snowmobiling				X	Less snow

Motor Biking				
ATVing	X	Longer season	Tourism Outdoor Recreation	X Hotter; more severe storms
Dirt Biking	X	Longer season	DRAFT - August 27, 2010	X Hotter; more severe storms
Road Touring				X Hotter; more severe storms

Boating				
Powered	X	Longer season		X Hotter; more severe storms; drought; flooding; AIS
Unpowered (Kayaks, Canoes)	X	Longer season		X Hotter; more severe storms; drought; flooding; AIS; long periods when it is too dry; flashier flows
Tubing				
Whitewater Rafting				
Waterskiing	X	Longer season		X Hotter; more severe storms; more aquatic vegetation

Golf	X	Longer season		X Hotter; more severe storms; need more water at same time water is becoming scarcer; need to mow more; pesticides
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<u>Outdoor Organized Team Sports (Little Leagues, High School, College, Pro)</u>	X	Longer season		X Hotter; more severe storms; may shift indoors (which requires infrastructure and energy); need to do more at night
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Yard Work				
Gardening	X	Longer season		X Hotter; more severe storms; more water needs; pests
Recreational Mowing	X	Longer season		X Hotter; more severe storms; more water needs; pests