

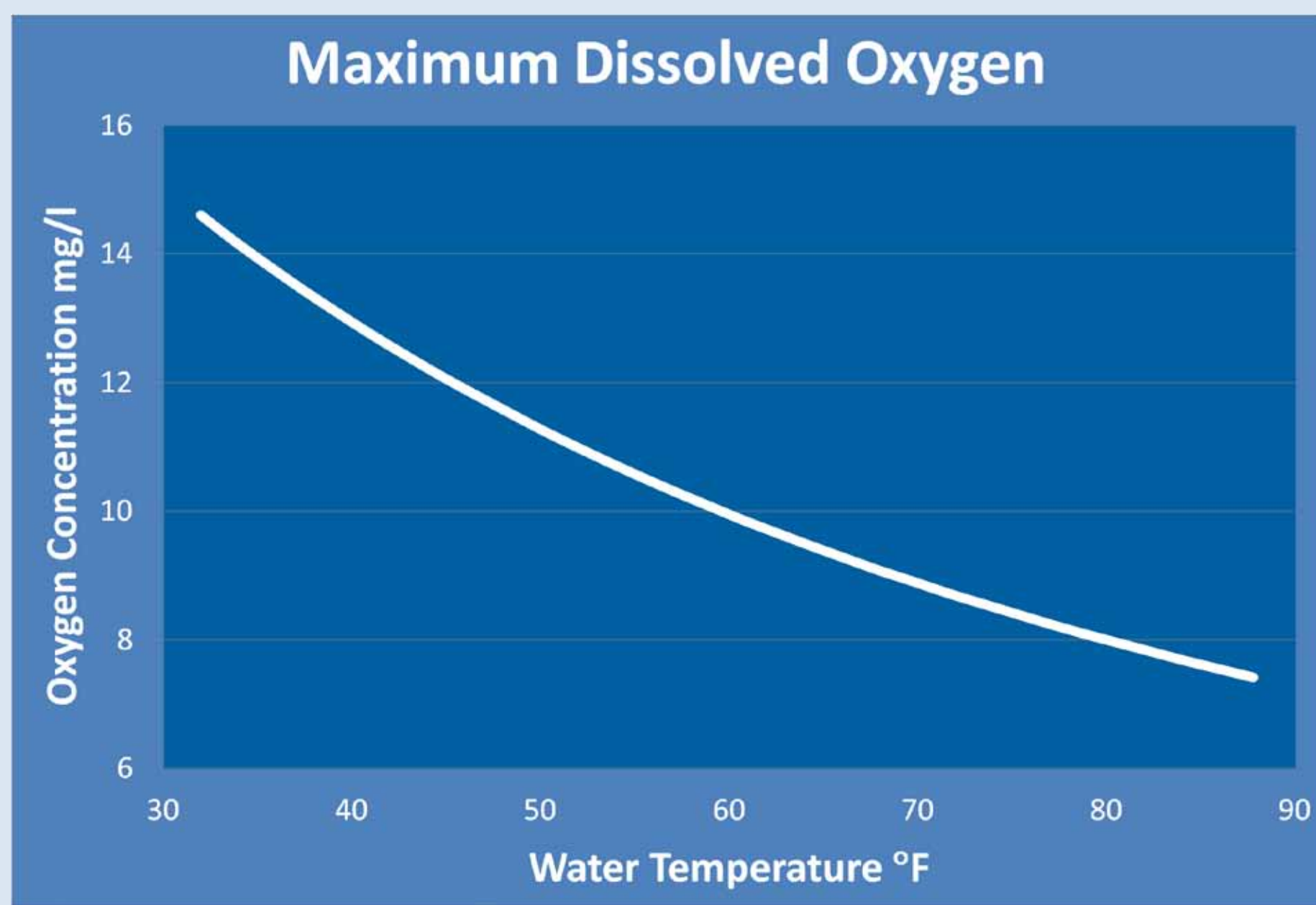
How Do Temperature Variations Affect Life in the Water?

Different Organisms Need Different Ranges of Temperature to Live

Species	Preferred temperature, deg. F
Catfish	74-78
Bluegill	73-77
Smallmouth bass	68-72
Northern pike	62-71
Steelhead	58-60
Coho salmon	54-55
Lake trout	48-52



Water Temperature Affects the Amount of Dissolved Oxygen in the Water



What Variables Affect Stream Water Temperature?

Natural Changes

- Rainfall
- Seasons
- Springs

Human Effects

- Mowing along stream edge
- Amount of dirt or sediments in water
- Paved Surfaces

How Can Humans Improve Stream Water Temperature?



Reduce erosion



Reduce run-off by planting rain gardens



Maintain shade along stream edges



Huron River Watershed Council

www.hrwc.org