

Covariate	Statistic	1h	2h	6h	12h	24h	48h	72h	120h
Sheboygan River Discharge	Diff			x					
Manitowoc River Discharge	Diff			x					
log Manitowoc River Discharge	Mean	x	x	x	x	x	x	x	x
	Min	x	x	x	x	x	x	x	x
	Max					x			
log Sheboygan River Discharge	Mean	x	x	x	x	x	x	x	x
	Min	x	x	x	x	x	x	x	x
	Max					x			
Cloud cover	Mean	x	x	x	x	x	x		
Lake level	Mean	x				x			
	Max	x				x			
	Min	x				x			
	Diff					x			
Surface current, perpendicular	Mean	x	x	x	x	x	x	x	x
Surface current, parallel	Mean	x	x	x	x	x	x	x	x
Subsurface current, perpendicular	Mean	x	x	x	x	x	x	x	x
Subsurface current, parallel	Mean	x	x	x	x	x	x	x	x
Wave height	Mean	x	x	x	x	x			
Wave height speed, perpendicular	Mean	x	x	x	x	x			
Wave height speed, parallel	Mean	x	x	x	x	x			
Wave speed, perpendicular	Mean	x	x	x	x	x			
Wave speed, parallel	Mean	x	x	x	x	x			
Wind speed, perpendicular	Mean	x	x	x	x	x			
Wind speed, parallel	Mean	x	x	x	x	x			
Air temperature	Mean	x	x	x	x	x	x	x	x
	St. Dev.	x	x	x	x	x	x	x	x
Water temperature	Mean	x	x	x	x	x	x	x	x
	St. Dev.	x	x	x	x	x	x	x	x
<i>sqrt</i> Rainfall over Manitowoc River	Sum	x	x	x	x	x	x	x	x
<i>sqrt</i> Rainfall over Hika	Sum	x	x	x	x	x	x	x	x
log Turbidity	Manual								
Wind speed, perpendicular	(Manual)								
Wind speed, perpendicular	(Manual)								
People in water	(Manual)								
People on beach	(Manual)								
Air temperature	(Manual)								
Water temperature	(Manual)								
Wave height	(Manual)								
Algae near shore	(Manual)								
Algae on beach	(Manual)								
Julian date	(Manual)								