Table 1. List of IHA parameters. Refer to the Indicators of Hydrologic Alteration Version 7 Users Manual for additional information. For scoring method 1, values larger than the 50% confidence interval are preferred and receive a three, while method 2 is the opposite, a value lower than the confidence interval is more preferred and receives a three. For method 3, either extreme value larger or smaller than the confidence interval, is least preferred and receives the lowest score. The Indicators of Hydrologic Alteration User's Manual describes Group 1 parameters as: magnitude of monthly water conditions; Group 2 as: magnitude and duration of annual extreme water conditions; Group 3 as: timing of annual extreme water conditions; Group 4 as: frequency and duration of high and low pulses; and Group 5 as: rate and frequency of water condition changes.

IHA Variable	Group	Description	Scoring Method
January	1	median January discharge	1
February	1	median February discharge	1
March	1	median March discharge	1
April	1	median April discharge	1
May	1	median May discharge	1
June	1	median June discharge	1
July	1	median July discharge	1
August	1	median August discharge	1
September	1	median September discharge	1
October	1	median October discharge	1
November	1	median November discharge	1
December	1	median December discharge	1
1.day.min	2	annual 1-day minimum	1
3.day.min	2	annual 3-day minimum mean	1
7.day.min	2	annual 7-day minimum mean	1
30.day.min	2	annual 30-day minimum mean	1
90.day.min	2	annual 90-day minimum mean	1
1.day.max	2	annual 1-day maximum mean	3
3.day.max	2	annual 3-day maximum mean	3
7.day.max	2	annual 7-day maximum mean	3
30.day.max	2	annual 30-day maximum mean	3
90.day.max	2	annual 90-day maximum mean	3
Zero.days	2	number of zero-low days	2
Base.flow	2	7-day minimum low divided mean low for year	1
Date.min	3	date of 1-day minimum low	3
Date.max	3	date of 1-day maximum low	3
Lo.pulse.N	4	number of low pulses within year defined as the 25th percentile	2
Lo.pulse.L	4	median duration of low pulses in days	2
Hi.pulse.N	4	number of high pulses within year defined as the 75th percentile	3
Hi.pulse.L	4	median duration of high pulses in days	3
Rise.rate	5	median of all positive differences between consecutive daily values	2
Fall.rate	5	median of all negative differences between consecutive daily values	2
Reversals	5	number of hydrologic reversals	2