

**Table 3.** Individual parameter score for each watershed. NA = data not present for calculation of the IHA parameter.

Gage	Watershed	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9	P 10	P 11	P 12	P 13	P 14	P 15	P 16	P 17	P 18	P 19	P 20	P 21	P 22	P 23	P 24	P 25	P 26	P 27	P 28	P 29	P 30	P 31	
4010500	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	0	0	1	1	2	2	1	1	2	2	0	
4015330	2	1	1	1	2	2	1	1	1	2	2	2	2	1	1	1	1	2	0	0	0	0	0	1	1	2	2	0	1	0	2	0	
4024000	3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	2	0	1	2	2	0	
4024000	4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	2	0	1	2	2	0	
4024430	5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	0	0	0	0	1	1	2	2	0	1	2	2	0	
5046000	56	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	0	0	0	0	2	1	2	2	2	1	1	2	2	1	
5051500	54	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5051500	55	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5062000	57	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	2	2	1	
5062000	58	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	2	2	1	
5062500	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5067500	59	0	0	2	1	0	0	1	1	0	1	0	0	0	0	0	0	0	2	2	2	2	2	0	0	2	2	2	NA	2	2	1	
5069000	61	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5074500	62	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	0	2	1	1	0	2	2	
5076000	65	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	0	2	2	1	1	2	2	1
5078000	66	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	0	2	2	2	1	
5079000	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5087500	67	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	2	2	2	1	2	2	1	
5087500	68	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	2	2	2	1	2	2	1	
5087500	69	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	2	2	2	1	2	2	1	
5094000	70	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	1	0	2	2	1	1	0	2	1	
5104500	78	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5104500	79	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5112000	71	0	0	0	1	2	1	1	0	1	1	1	0	0	0	0	0	0	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5112000	80	0	0	0	1	2	1	1	0	1	1	1	0	0	0	0	0	0	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5127500	72	2	2	1	1	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	0	1	1	2	2	1	0	0	0	1	
5129115	73	2	1	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	0	2	1	
5129115	74	2	1	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	0	2	1	
5131500	76	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	0	0	1	0	2	2	1	0	2	2	0	
5132000	75	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	0	
5132000	77	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	0	
5200510	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	2	2	2	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5200510	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	2	2	2	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5211000	9	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	0	0	2	2	1	1	0	2	1	1	2	2	1	
5227500	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	2	1	1	2	2	1	
5227500	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	2	1	1	2	2	1	
5244000	12	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	0	0	0	2	2	1	2	2	2	1	1	2	2	1	
5244000	13	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	0	0	0	2	2	1	2	2	2	1	1	2	2	1	
5245100	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	2	2	1	1	2	2	1	1	2	2	1	
5270500	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	2	2	1	1	2	2	2	1	2	2	1	
5270500	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	2	2	1	1	2	2	2	1	2	2	1	
5275000	17	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1	
5280000	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5280000	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5286000	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	0	2	2	1	
5287890	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	2	2	1	1	2	2	1	1	0	2	1	
5292000	22	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	1	2	2	2	
5294000	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	2	1	1	2	2	1	
5300000	24	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5304500	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	2	2	1	
5313500	25	1	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5315000	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	0	1	
5317000	29	0	0	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5317200	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	2	2	1	1	2	2	1	1	2	2	1	
5319500	31	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5320000	30	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1	0	2	2	1	1	2	2	1	
5320500	32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1	
5327000																																	

Gage	Watershed	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9	P 10	P 11	P 12	P 13	P 14	P 15	P 16	P 17	P 18	P 19	P 20	P 21	P 22	P 23	P 24	P 25	P 26	P 27	P 28	P 29	P 30	P 31
5353800	39	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	1	2	2	1
5372995	40	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	0	1	2	0	1
5372995	41	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	0	1	2	0	1
5385000	42	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5385000	43	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5385000	44	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5385000	46	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5385000	47	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5457000	48	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5457000	49	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5457000	50	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	1
5476000	51	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	2	2	2	2	1	0	2	2	1	1	2	2	1
5476000	52	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	2	2	2	2	1	0	2	2	1	1	2	2	1
5476000	53	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	2	2	2	2	1	0	2	2	1	1	2	2	1
6483500	81	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1
6483500	82	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1
6483500	83	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1
6483500	84	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	1