

RIVER @ SITE WHERE THERE ARE TWO OR MORE SITES ON THE SAME RIVER, SITES FROM UPSTREAM TO DOWNSTREAM ARE LABELLED (A), (B), ETC.	REGION	NITRATE [mg/l] AND (RANK)	TOTAL NITROGEN [mg/l] AND (RANK)	DISSOLVED REACTIVE PHOSPHORUS [mg/l] AND (RANK)	TOTAL PHOSPHORUS [mg/l] AND (RANK)	OVERALL STATE RANK
Waitaki @ Kurow (A)	Canterbury	0.003 (3)	0.038 (3)	0.0007 (4)	0.003 (4)	1
Monowai below Gates (river joins Waiau upstream of Waiau @ Tuatapere)	Southland	0.007 (8)	0.076 (13)	0.0005 (2)	0.003 (1)	2
Clutha @ Luggate Br. (A)	Otago	0.026 (20)	0.066 (10)	0.0006 (3)	0.003 (2)	3
Hurunui @ Mandamus (A)	Canterbury	0.004 (5)	0.059 (7)	0.0012 (9)	0.004 (10)	4
Ngaruroro @ Kuripapango (A)	Hawke's Bay	0.003 (4)	0.064 (9)	0.0018 (19)	0.003 (3)	5
Waikato @ Reids Farm (A)	Waikato	0.001 (1)	0.059 (8)	0.0014 (13)	0.005 (12)	6
Clutha @ Millers Flat (B)	Otago	0.024 (18)	0.069 (11)	0.0005 (1)	0.005 (16)	7
Haast @ Roaring Billy	West Coast	0.033 (23)	0.053 (5)	0.0013 (11)	0.004 (7)	8
Buller @ Longford (A)	Tasman	0.032 (21)	0.079 (14)	0.0010 (7)	0.003 (6)	9
Motueka @ Gorge (A)	Tasman	0.024 (16)	0.038 (2)	0.0025 (25)	0.003 (5)	10
Wairau @ Dip Flat (A)	Marlborough	0.012 (9)	0.023 (1)	0.0031 (33)	0.004 (9)	11
Hakatakamea above MH Br. (river joins Waitaki downstream of Waitaki A)	Canterbury	0.005 (6)	0.096 (19)	0.0023 (22)	0.005 (11)	12
Kawarau @ Chards	Otago	0.024 (17)	0.082 (16)	0.0009 (6)	0.008 (28)	13
Grey @ Waipuna (A)	West Coast	0.032 (22)	0.102 (20)	0.0019 (20)	0.004 (8)	14
Waimakariri @ Gorge (A)	Canterbury	0.057 (30)	0.081 (15)	0.0015 (15)	0.007 (25)	15
Ruamahanga @ SH2 (A)	Wellington	0.038 (26)	0.087 (17)	0.0031 (32)	0.005 (14)	16
Tarawera @ Lake outlet (A)	Bay of Plenty	0.001 (2)	0.088 (18)	0.0033 (34)	0.008 (30)	17
Waitaki @ SH1 Br. (B)	Canterbury	0.069 (35)	0.136 (26)	0.0012 (8)	0.007 (22)	18
Clutha @ Balclutha (C)	Otago	0.045 (28)	0.142 (27)	0.0015 (14)	0.008 (27)	19
Makaroro @ Burnt Br. (river joins Tukituki upstream of Tukituki @ Red Br.)	Hawke's Bay	0.024 (15)	0.058 (6)	0.0050 (42)	0.006 (20)	20
Hutt @ Kaitoke (A)	Wellington	0.034 (24)	0.110 (23)	0.0034 (35)	0.007 (23)	21
Buller @ Te Kuha (B)	West Coast	0.064 (32)	0.142 (28)	0.0025 (26)	0.008 (29)	22
Wairau @ Tuamarina (B)	Marlborough	0.127 (42)	0.156 (30)	0.0024 (23)	0.005 (17)	23
Waipapa @ Forest Ranger	Northland	0.015 (11)	0.106 (21)	0.0050 (41)	0.011 (37)	24
Rangitikei @ Mangaweka (A)	Manawatu-Wanganui	0.067 (34)	0.172 (31)	0.0036 (37)	0.010 (34)	25
Waipoa @ Kanakanaia	Gisborne	0.018 (13)	0.155 (29)	0.0017 (18)	0.021 (52)	26
Shotover @ Bowens Peak	Otago	0.015 (12)	0.070 (12)	0.0008 (5)	0.030 (59)	27
Rangitikei @ Kakariki (B)	Manawatu-Wanganui	0.043 (27)	0.193 (33)	0.0030 (31)	0.015 (41)	28
Grey @ Dobson (B)	West Coast	0.108 (39)	0.240 (38)	0.0027 (29)	0.009 (31)	29
Sutton @ SH87 (river joins Taieri between Taieri A and B)	Otago	0.005 (7)	0.224 (37)	0.0041 (39)	0.016 (44)	30
Waimakariri above old HW Br. (B)	Canterbury	0.119 (41)	0.210 (35)	0.0013 (10)	0.015 (43)	31
Ngaruroro @ Chesterhope (B)	Hawke's Bay	0.025 (19)	0.119 (24)	0.0059 (46)	0.016 (45)	32
Mohaka @ Raupunga (B)	Hawke's Bay	0.074 (36)	0.184 (32)	0.0052 (44)	0.011 (36)	33
Motueka @ Woodstock (B)	Tasman	0.197 (49)	0.270 (42)	0.0026 (28)	0.005 (15)	34
Waiau @ Tuatapere	Southland	0.195 (48)	0.319 (47)	0.0016 (16)	0.009 (32)	35
Opuha @ Skipton Br. (river joins Opihi upstream of Opihi A)	Canterbury	0.235 (54)	0.372 (50)	0.0014 (12)	0.007 (21)	36
Manganui @ SH3 (river joins Waitara upstream of Waitara @ Bertrand Rd)	Taranaki Region	0.065 (33)	0.108 (22)	0.0098 (58)	0.014 (40)	37
Hutt @ Boulcott (B)	Wellington	0.229 (53)	0.317 (46)	0.0035 (36)	0.007 (24)	38
Mohaka @ Glenfalls (A)	Hawke's Bay	0.193 (46)	0.264 (39)	0.0052 (43)	0.009 (33)	39
Motu @ Houpoto (B)	Bay of Plenty	0.049 (29)	0.120 (25)	0.0106 (59)	0.018 (48)	40
Mataura @ Parawa (A)	Southland	0.235 (55)	0.327 (48)	0.0049 (40)	0.010 (35)	41
Hurunui @ SH1 Br. (B)	Canterbury	0.331 (60)	0.449 (54)	0.0016 (17)	0.006 (19)	42
Whanganui @ Te Maire (A)	Manawatu-Wanganui	0.174 (45)	0.266 (40)	0.0060 (48)	0.018 (47)	43
Tongariro @ Turangi	Waikato	0.022 (14)	0.051 (4)	0.0138 (63)	0.020 (50)	44
Motu @ Waitangirua (A)	Gisborne	0.061 (31)	0.223 (36)	0.0082 (54)	0.024 (54)	45
Whanganui @ Paetawa (B)	Manawatu-Wanganui	0.164 (43)	0.364 (49)	0.0053 (45)	0.021 (51)	46
Waikohu @ No. 1 Br. (river joins Waipoa upstream of Waipoa @ Kanakanaia)	Gisborne	0.099 (37)	0.269 (41)	0.0084 (56)	0.024 (53)	47
Opihi @ Waipopo (B)	Canterbury	0.396 (63)	0.527 (58)	0.0026 (27)	0.005 (18)	48
Taieri @ Outram (B)	Otago	0.035 (25)	0.293 (43)	0.0092 (57)	0.031 (60)	49
Mangakahia @ Titoki Br.	Northland	0.103 (38)	0.312 (45)	0.0075 (52)	0.031 (61)	50
Tukituki @ Red Br.	Hawke's Bay	0.408 (67)	0.584 (61)	0.0024 (24)	0.013 (39)	51
Ohinemuri @ Karangahake	Waikato	0.397 (64)	0.584 (62)	0.0030 (30)	0.013 (38)	52
Waitangi @ Wakelins	Northland	0.226 (52)	0.499 (57)	0.0061 (49)	0.025 (55)	53
Oreti @ Lumsden (A)	Southland	0.520 (70)	0.652 (65)	0.0022 (21)	0.005 (13)	54
Waitara @ Bertrand Rd	Taranaki Region	0.198 (50)	0.491 (56)	0.0060 (47)	0.033 (65)	55
Waipa @ Otewa (A)	Waikato	0.216 (51)	0.422 (52)	0.0119 (60)	0.027 (56)	56
Manawatu @ Teachers Coll. (B)	Manawatu-Wanganui	0.407 (66)	0.553 (60)	0.0072 (51)	0.019 (49)	57
Taieri @ Tiroiti (A)	Otago	0.015 (10)	0.296 (44)	0.0146 (64)	0.049 (68)	58
Whirinaki @ Galatea (river joins Rangitaiki upstream of Rangitaiki A)	Bay of Plenty	0.118 (40)	0.207 (34)	0.0201 (70)	0.032 (62)	59
Waikato @ Hamilton Traffic Br. (B)	Waikato	0.194 (47)	0.376 (51)	0.0133 (62)	0.036 (67)	60
Ruamahanga @ Waihenga (C)	Wellington	0.289 (57)	0.458 (55)	0.0131 (61)	0.029 (57)	61
Ruamahanga @ Wardells (B)	Wellington	0.506 (69)	0.666 (67)	0.0081 (53)	0.017 (46)	62
Manawatu @ Weber Rd (A)	Manawatu-Wanganui	0.383 (62)	0.633 (64)	0.0083 (55)	0.032 (63)	63
Rangitaiki @ Te Teko (B)	Bay of Plenty	0.295 (58)	0.440 (53)	0.0165 (66)	0.035 (66)	64
Rangitopuni @ Walkers	Auckland	0.166 (44)	0.690 (68)	0.0181 (67)	0.061 (69)	65
Opihi @ Rockwood (A)	Canterbury	1.009 (75)	1.159 (73)	0.0038 (38)	0.007 (26)	66
Hoteo @ Gubbs	Auckland	0.265 (56)	0.619 (63)	0.0223 (73)	0.066 (70)	67
Oreti @ Riverton HW Br. (B)	Southland	1.040 (76)	1.183 (74)	0.0066 (50)	0.015 (42)	68
Rangitaiki @ Murapara (A)	Bay of Plenty	0.726 (72)	0.806 (70)	0.0209 (72)	0.029 (58)	69
Waikato @ Rangiriri (C)	Waikato	0.302 (59)	0.530 (59)	0.0269 (74)	0.068 (72)	70
Wairua @ Purua	Northland	0.364 (61)	0.754 (69)	0.0203 (71)	0.072 (74)	71
Manawatu @ Opiki Br. (C)	Manawatu-Wanganui	0.458 (68)	0.808 (71)	0.0199 (69)	0.071 (73)	72
Mataura @ Seaward Down (B)	Southland	0.951 (73)	1.266 (76)	0.0146 (65)	0.033 (64)	73
Waipa @ Whatawhata (B)	Waikato	0.605 (71)	0.959 (72)	0.0195 (68)	0.068 (71)	74
Waihou @ Te Aroha	Waikato	1.009 (74)	1.209 (75)	0.0574 (75)	0.096 (75)	75
Tarawera @ Awakaponga (B)	Bay of Plenty	0.400 (65)	0.653 (66)	0.0827 (77)	0.117 (76)	76
Waingongoro @ SH45	Taranaki Region	1.785 (77)	2.160 (77)	0.0725 (76)	0.127 (77)	77

\*Standard score =  $\frac{\text{value} - \text{median}}{\text{interquartile range}}$