

**Table 4. Univariate statistical overview of the data set. All values in mg/L unless otherwise indicated. S.Dev. = Standard deviation. W represents well; S represents spring; and R represents river. TDS and concentration of ions are in mg/L unit**

Cluster	ID	Value	T (°C)	pH	EC (μS/cm)	TDS (calc)	Na <sup>+</sup>	K <sup>+</sup>	Ca <sup>2+</sup>	Mg <sup>2+</sup>	HCO <sub>3</sub> <sup>-</sup>	CO <sub>3</sub> <sup>-</sup>	Cl <sup>-</sup>	SO <sub>4</sub> <sup>2-</sup>	SiO <sub>2</sub>	d <sup>18</sup> O (‰)	d <sup>18</sup> O (‰)
K1	6S, 7S, 13S, 8S, 10S, 20S, 12S, 26S, 11S	Max	44.0	6.9	2410.0	1566.5	86.7	56.6	102.8	86.7	624.7	7.8	298.0	3.6	128.4	-6.1	-39.6
		Min	23.6	5.8	116.0	75.4	2.1	2.9	16.4	4.6	68.5	0.0	8.3	2.2	52.6	-6.4	-41.3
		Mean	34.0	6.5	845.8	549.8	28.9	18.5	42.5	27.9	255.5	0.9	84.4	2.5	103.0	-6.3	-40.5
		S.Dev	8.2	0.4	855.9	556.3	31.2	20.4	31.7	30.4	222.9	2.6	100.0	0.4	24.5	0.1	0.5
K2	2R, 27S, 17W, 22S, 29S, 24R, 25S, 19R, 31S, 23S, 33S	Max	51.8	7.6	2850.0	1852.5	212.2	102.4	116.8	78.6	373.3	58.9	771.0	14.2	157.1	-5.6	-36.5
		Min	23.5	5.7	46.0	29.9	1.1	1.1	8.0	2.5	34.3	0.0	6.9	2.1	37.6	-6.1	-39.2
		Mean	33.2	6.7	834.4	542.4	43.7	21.2	36.8	22.1	137.1	16.0	134.2	5.4	88.9	-5.9	-38.2
		S.Dev	11.1	0.6	1103.2	717.1	71.4	33.3	36.2	27.4	118.3	21.2	240.8	3.9	44.0	0.1	0.9
L	16W, 21R, 3W, 4W, 5W, 15R, 28R, 1R	Max	30.5	7.7	612.0	397.8	38.7	18.1	62.2	46.8	543.0	4.2	38.6	14.9	85.6	-4.8	-31.3
		Min	25.0	6.0	73.0	47.5	1.7	0.6	11.4	3.7	47.4	0.0	8.3	2.3	34.2	-5.5	-35.1
		Mean	28.3	6.9	288.6	187.6	13.3	5.0	30.3	11.6	160.8	0.5	24.3	5.9	54.1	-5.1	-33.6
		S.Dev	1.8	0.6	173.1	112.5	11.7	5.7	19.2	14.3	162.4	1.5	10.8	4.8	15.9	0.2	1.2