

Table 4 Map co-ordinates and environmental data from Khao Yai National Park between July 2000 and June 2001 (“Drought” = without flowing water)

Site	Latitude (N)	Longitude (E)	Altitude (MASL)	Water temperature (°C)	pH	Stream width (m)		Stream depth (m)		Water velocity (m s ⁻¹)		Drought (month)
						Average minimum	Average maximum	Average minimum	Average maximum	Average minimum	Average maximum	
1	14°14'	101°23'	188	23.75	7.02	2.00	3.50	0.15	0.45	0.55	0.70	8
2	14°14'	101°23'	199	24.55	6.74	1.00	2.50	0.15	0.48	0.28	0.50	7
3	14°14'	101°23'	200	24.30	6.76	1.00	4.00	0.08	0.30	0.30	0.50	7
4	14°14'	101°23'	223	24.70	7.55	2.00	4.00	0.05	0.30	0.50	0.90	4
5	14°15'	101°23'	256	24.55	6.48	0.75	2.25	0.10	0.30	0.30	0.40	5
6	14°15'	101°23'	297	24.20	7.91	1.00	2.00	0.15	0.30	0.20	0.40	8
7	14°17'	101°23'	404	24.00	7.30	0.50	1.50	0.03	0.15	0.10	0.20	0
8	14°17'	101°23'	404	24.40	6.91	3.00	5.00	0.15	0.60	0.50	0.90	0
9	14°20'	101°21'	604	23.00	6.84	1.00	3.00	0.03	0.20	0.30	0.40	0
10	14°19'	101°21'	505	23.00	6.60	2.00	5.00	0.15	0.30	0.30	0.60	1
11	14°21'	101°20'	654	23.30	7.62	1.00	5.00	0.15	0.30	0.60	1.50	0
12	14°21'	101°20'	683	22.60	6.74	1.00	5.00	0.15	0.30	0.50	0.60	0
13	14°26'	101°22'	751	23.50	6.54	1.50	10.00	0.15	0.30	0.50	0.90	0
14	14°22'	101°24'	952	21.50	5.69	0.50	2.00	0.15	0.45	0.10	0.20	4
15	14°25'	101°24'	695	23.50	6.84	2.00	15.00	0.15	0.45	0.50	0.90	0
16	14°24'	101°22'	744	22.50	6.72	2.00	4.00	0.15	0.30	0.30	0.50	0
17	14°25'	101°24'	688	24.00	7.18	1.00	3.00	0.15	0.30	0.30	0.50	2
18	14°24'	101°22'	722	24.30	6.26	0.60	1.00	0.03	0.15	0.15	0.30	2
19	14°26'	101°25'	633	23.00	7.56	3.00	20.00	0.15	0.75	0.70	1.00	0
20	14°25'	101°25'	646	22.90	7.36	3.00	5.00	0.15	0.45	0.40	0.80	0