

Monitoring site	Daily river discharge	Water temperature (m <sup>3</sup> s <sup>-1</sup> )	pH (°C)	Alkalinity (mEq L <sup>-1</sup> )	Suspended solids (mg L <sup>-1</sup> )	Dissolved fluoride (mg L <sup>-1</sup> )	Dissolved chloride (mg L <sup>-1</sup> )	Dissolved bromide (mg L <sup>-1</sup> )	Dissolved sulfate (mg L <sup>-1</sup> -SO <sub>4</sub> )
River Coln at Whelford	2.13	11.76	7.99	4248	5.4	0.13	16.7	0.04	33.7
River Cole at Lynt Bridge	1.10	11.72	7.94	4342	15.0	0.19	46.5	0.08	53.4
River Leach at Lechlade	0.66	11.40	7.88	4357	3.0	0.10	16.0	0.04	35.2
River Windrush at Newbridge	9.75	12.17	7.97	4167	10.9	0.15	40.6	0.09	53.6
River Evenlode at Cassington	3.61	11.32	7.91	4027	15.5	0.12	25.7	0.05	45.7
River Cherwell at Hampton Poyle	3.70	11.47	7.91	4133	13.3	0.20	54.2	0.07	65.6
River Ray at Islip	1.94	11.27	7.66	4096	9.6	0.18	63.3	0.11	94.6
River Ock at Abingdon	1.52	11.62	7.99	4704	11.0	0.20	39.2	0.09	72.0
River Thames at Wheatley	3.33	11.54	7.83	4468	14.0	0.22	55.4	0.08	72.0
River Pang at Tidmarsh	0.53	10.82	7.90	4508	8.1	0.13	24.6	0.05	19.3
River Kennet at Woolhampton	8.78	11.27	7.99	4503	9.2	0.12	23.7	0.05	20.0
River Enborne at Brimpton	1.27	10.46	7.75	2815	9.4	0.12	34.7	0.06	26.3
River Loddon at Charvil	5.39	12.15	7.82	3207	7.2	0.12	60.6	0.09	47.8
River Wye at Bourne End	0.84	12.30	8.07	4594	13.2	0.11	42.5	0.06	20.5
The Cut at Paley Street	0.38	12.52	7.58	2450	9.2	0.17	94.7	0.11	99.7
River Thames at Hannington	4.84	11.56	7.88	3957	11.6	0.15	56.3	0.11	67.4
River Thames at Newbridge	9.75	12.17	7.97	4167	10.9	0.15	40.6	0.09	53.6
River Thames at Swinford	13.45	12.07	8.00	4070	11.5	0.14	35.4	0.08	50.2
River Thames at Wallingford	33.87	12.69	8.00	4149	15.3	0.17	46.2	0.08	67.5
River Thames at Sonning	41.33	12.31	7.96	4149	11.4	0.16	40.0	0.07	50.0
Jubilee River at Pocombs	57.66	13.12	7.95	4091	8.3	0.15	44.0	0.07	47.6
River Thames at Runnymede	54.11	13.01	7.93	3999	11.7	0.15	46.5	0.08	48.9