

Table 4.1 Summary of the International Dataset

Country	River	Site	Period of record		Catchment Area (km <sup>2</sup> )	Station Altitude (m aSL)	Mean flow (m <sup>3</sup> s <sup>-1</sup> )	Basis of Selection
			Start	End				
Denmark	Lindenberg	Lindenberg Bro	1925	2018	214	5	2.39	Northern European catchment having mixed response to rainfall; flow is affected by vegetation during summer, which is cut several times.
Spain	Sabar	Alfartanejo	1963	1993	39	n/a <sup>1</sup>	0.19	Southern European river, having zero flows that persist for months at a time
Spain	Upper Guadiana	Site 4008	1957	2001	18816	558	9.87	Heavily exploited catchment in southern Europe
Namibia	Dawib	Dawib	1978	1993	560	n/a <sup>1</sup>	0.02	Ephemeral stream in southern Africa where zero flows predominate
The Netherlands	Rhine	Lobith	1901	2019	160800	9	2209.91	Large catchment in western Europe featuring many climate types
Norway	Breelvi	Nigards-brevatn	1962	2017	65	285	6.40	Snow and glacier (73%) influenced catchment in northern Europe
Norway	Lågen	Rosten	1917	2017	1833	320	32.44	Snow-affected, northern European river with distinct winter low flows
Nepal	Bagamati	Sundurijal	1970	1995	17	1600	1.04	South Asian, rain-fed catchment having a monsoon dominated regime

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New Zealand	Ngaruroro	Kuripapango	1963	2019	370	n/a	17.37	Southern Hemisphere river, temperate regime with no distinct dry season
New Zealand	Hurunui	Mandamus	1956	2019	1060	n/a	52.28	Southern Hemisphere river, temperate regime with no distinct dry season

(→ Table continued on next page)

Table 4.1 (continued)

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Russia	Chusovaya	Liamino	1956	2002	21500	n/a <sup>1</sup>	224.45	Continental, East European river with low flows in summer and winter, runoff regime is supposed to be natural
Russia	Unzha	Makariev	1936	2010	18500	n/a <sup>1</sup>	175,45	Continental, East European river with low flows in summer and winter
South Africa	Elands	Elands River Drift	1963	1992	690	n/a <sup>1</sup>	3.10	Perennial river in southern Africa, having distinctly seasonal regime
United Kingdom	Ray	Grendon Underwood	1962	2018	19	66	0.10	Impermeable upland catchment in northern Europe
United Kingdom	Lambourn	Shaw	1962	2020	234	76	1.75	Permeable lowland catchment in northern Europe
United States of America	Pecos	Girvin	1940	2019	76560	692	1.58	River in arid part of North America having Rocky Mountains tributaries
United States of America	Arroyo Seco	Soledad	1902	2019	632	103	4.62	Catchment in semi-arid part of North America having 10% of time zero flows
United States of America	Honokohau	Maui, Hawaii	1922	2019	11	265	1.07	Tropical island regime with no dry season
Sweden	Göta älv	Vargöns krv	1850	2018	46886	44	528	Scandinavian river; strongly affected by dam construction in 1937

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Germany	Sächsische Saale	Hof	1921	2011	522	467	5.39	Non-stationary time series: change of low flow likely to be connected to the implementation of the Förmitz barrage in 1978.

<sup>1</sup> n/a: not available