

Supplementary Materials

Table S1. List of IMGW-PIB meteorological stations with precipitation data availability used in this study.

No.	Station Name	Code	Station Type	Localisation (Relation to Catchment)	Period of Available Data	Years
1	Częstochowa	CZES	synoptic	inside	1982–2011	30
2	Katowice	KATO	synoptic	outside	1982–2011	30
3	Kielce	KIEL	synoptic	outside	1982–2011	30
4	Kraków	KRAK	synoptic	outside	1982–2011	30
5	Łódź	LODZ	synoptic	outside	1982–2011	30
6	Sulejów	SULE	synoptic	inside	1982–2011	30
7	Bełchatów	BCHW	climate	outside	2, 1986, 1995; 1996–2011	25
8	Bodzentyn	BODZ	climate	outside	1982–2011	30
9	Bonowice/Szczekociny *	BONO	climate	inside	1982–2011	30
10	Jędrzejów/Skroniów *	JDRZ	climate	outside	1982–2011	30
11	Lgota Górna	LGOT	climate	outside	1982–2011	30
12	Łaziska	LAZI	climate	outside	1982–2011	30
13	Miechów	MCHW	climate	outside	1982–1984; 1986–2011	29
14	Olewin	OLEW	climate	outside	1982–2011	30
15	Silniczka	SILN	climate	inside	1982–2011	30
16	Włochów	WCHW	climate	inside	1986–2011	26
17	Ząbkowice	ZABK	climate	outside	1982–2011	30
18	Bartków	BART	precipitation	outside	1982–2011	30
19	Bobry	BOBR	precipitation	outside	1982–2011	30
20	Chelsty	CHEL	precipitation	inside	1982–2011	30
21	Cielętniki	CIEL	precipitation	outside	1982–2011	30
22	Czarnca	CZAR	precipitation	inside	1982–2011	30
23	Dobryszyce	DOBR	precipitation	outside	1982–2011	30
24	Januszewice	JANU	precipitation	inside	11, 1997–2011	13 **
25	Kępie	KEPI	precipitation	inside	1982–2011	30
26	Konieczpol	KCPL	precipitation	inside	1982–2008	27
27	Konieczno	KCZO	precipitation	inside	1982–2011	30
28	Końskie	KONS	precipitation	outside	1982–2011	30
29	Kruszów	KRSZ	precipitation	outside	1982–2011	30
30	Lelów	LELW	precipitation	outside	1982–2011	30
31	Lutosławice Rządowe	LUTO	precipitation	outside	1982–2011	30
32	Łazy k. Olkusza	LAZY	precipitation	outside	1982–2011	30
33	Małogoszcz	MALO	precipitation	outside	1982–2011	30
34	Mroczków	MRCZ	precipitation	outside	1982–2011	30
35	Opoczno	OPCZ	precipitation	outside	1982–2011	30
36	Pilczyca	PLCZ	precipitation	inside	1982–2011	30
37	Pilica	PILI	precipitation	inside	1982–2011	30
38	Piotrków Trybunalski	PIOT	precipitation	inside	4, 1982–2011	30
39	Plucice	PLUC	precipitation	inside	1991–2011	20 **

Table S1. Cont.

No.	Station Name	Code	Station Type	Localisation (Relation to Catchment)	Period of Available Data	Years
40	Przedbórz	PRZE	precipitation	inside	1982–2011	30
41	Sędziszów	SEDZ	precipitation	outside	1982–2011	30
42	Spała/Teofilów *	SPAL	precipitation	outside	1982–2011	30
43	Stanowiska	STAN	precipitation	inside	1984–2011	28
44	Suchedniów	SUCH	precipitation	outside	1982–2011	30
45	Wolbrom	WOLB	precipitation	outside	1982–2011	30
46	Wymysłów	WYMY	precipitation	inside	1991–2011	20 **

Notes: * Neighbouring stations (distance 1–3 km) that were merged because of complementary measurement data; ** Stations with more than five years of missing data.