

Dams in the Czech Republic – Basic Parameters

Dam	Year	River	Type	Height above foundation (m)	Height above terrain (m)	Crest length (m)	Reservoir capacity (mil. m ³)	Reservoir area (ha)	Catchment area (km ²)	Purpose
1	1916	Labe	gravity, masonry	41.5	34.5	153.5	2.916	16.84	61.12	C, H, R
2	1919	Labe	gravity, masonry	41	32.7	218	7.261	36.79	530.76	C, H
3	1972	Rozkošský Stream	earthfill	26.4	19	412.5	76.327	888	43.31/415.37	C, H, R
4	1938	Divoká Orlice	gravity, masonry	38.5	31.3	192.7	10.823	72	180.83	C, H, R
5	1934	Chrudimka	gravity, masonry	42	35.5	165	21.795	165.99	216.15	C, H, S, R
6	1953	Chrudimka	gravity, concrete	31.7	18.7	130	2.036	31.8	256.9	H, S
7	1913	Doubrava	gravity, masonry	31	23.3	142	1.683	7.1	201.18	C, H, R
8	1970	Vrchlice	concrete, arch	40.8	34	167.8	9.786	93.5	97.54	S, C, H
9	1912	Chrudimka	earthfill	17.74	13.7	208.41	3.45	41.2	56.35	S, C
10	1852	Vrchlice	earthfill	15.8	14.7	90	0.384	7.8	100.29	R
11	1964	Prosečský Stream	earthfill	15.5	13.3	76	0.247	6.15	3.55	C, R
12	1982	Kamenice	earthfill	44	43	360	22.628	130.1	19.81	S, C, H
13	1915	Černá Desná	earthfill	25	21	364	7.48	68.75	13.77	C, S, H
14	1915	Bílá Desná	earthfill	17.9	14.2	244	0.4	12	8.05	C, S
15	1935	Labe	concrete	23.2	11.5	290	15.83	332	48 541.15	N, H, S, R
16	1910	Mšenský Stream	gravity, masonry	20	15.8	425.5	2.785	34.77	25	C, S, H, R
17	1904	Harcovský Stream	gravity, masonry	19	13	157	0.687	10.1	15.7	C, S, H, R
18	1906	Černá Nisa	gravity, masonry	23.5	15.1	340	2.103	37.4	4.31	C, H
19	1906	Fojtka	gravity, masonry	16	11	146.2	0.322	3.7	6.91	C, R
20	1906	Albrechtický Stream	gravity, masonry	22	14.5	159	0.271	10.1	5.97	C, R
21	1959	Vltava	gravity, concrete + earthfill	45	25	296	309.5	4 870	948.2	S, H, C, R, M
22	1959	Vltava	gravity, concrete + earthfill	20	12	224	1.664	45	999.4	H
23	1991	Vltava	gravity, concrete	31	23	191	21.1	276.7	3 540.3	H, S, M
24	1960	Vltava	gravity, concrete	91	81.5	450	716.5	2 732.7	12 106	S, H, C, R, M
25	1961	Vltava	gravity, concrete	25	17	158	12.98	195	12 217.9	S, H, M
26	1955	Vltava	gravity, concrete	70	60	260	269.3	1 163	12 956.8	S, H, C, R
27	1945	Vltava	gravity, concrete	31	22	124	10.4	95.7	13 298.3	S, H, N
28	1947	Vltava	gravity, concrete	15	10	880	0.5	5		H
29	1935	Vltava	concrete	22	13.7	96.8	11.1	263	17 784.6	S, H, N
30	1978	Malše	rockfill	56	48	290	33.8	211.04	488.4	S, C, H
31	1988	Stropnice	rockfill	21	18	200	0.808	15.6	35.9	C, H

