

Supplementary Literature Table S1.

SP1. Average physical and chemical data from reservoirs of the Ebro Watershed. Samples= Number of years that a reservoir was sampled, Depth = reservoir maximum sampling depth, Volume = reservoir maximum volume, T = Temperature, DO = Dissolved oxygen, SD = Secchi disk depth, SS= Suspend solids, Chl-*a* = chlorophyll *a*, TP = Total phosphorus.

Code	Reservoir	Samples	Depth	Volume	T	DO	Conductivity	pH	SD	SS	Turbidity	Chl- <i>a</i>	PT
			(m)	(hm ³)	°C	(mg/L)	(µS/cm)		(m)	(mg/L)	(NTU)	(µg/L)	(µg/L)
ALB	Albiña	5	18.98	3.47	19.50	7.44	94	7.72	2.97	2.37	4.99	2.85	8.27
ALL	Alloz	4	38.13	51.64	21.53	8.61	640	8.21	3.05	3.11	2.41	1.68	5.63
ARD	Ardisa	2	7.30	1.41	18.75	9.30	277	8.43	0.55	25.52	15.92	1.09	33.45
BAL	Balaguer	4	4.25	0.95	19.81	9.02	242	8.05	2.41	6.37	3.77	2.99	13.82
BAR	Barasona	7	24.93	63.50	23.01	8.12	277	8.26	3.50	3.10	3.34	2.58	10.27
BAS	Baserca	2	31.25	15.00	13.31	9.24	38	7.58	11.70	0.50	0.99	1.32	1.54
BUB	Búbal	2	35.00	39.75	19.40	8.61	141	8.54	6.40	0.84	1.08	2.07	7.15
CAL	Calanda	6	26.20	26.96	23.15	7.63	599	8.22	3.78	2.93	2.07	1.32	6.70
CAM	Camarasa	3	58.47	116.84	19.65	8.83	186	8.37	5.10	1.86	3.12	1.76	6.66
CAN	Canelles	2	107.75	443.55	24.33	9.95	233	8.12	3.75	1.89	1.82	2.34	6.33
CAS	Caspe	6	24.08	39.52	23.76	7.29	1121	8.25	3.36	3.69	2.81	3.70	11.27
CAV	Cavallers	2	69.35	15.35	14.92	9.26	13	6.94	17.60	0.24	0.49	0.82	1.89
CER	Cereceda	2	11.15	1.62	19.40	8.65	241	8.14	1.23	10.74	7.82	7.01	33.18
CIU	Çiurana	4	36.45	9.50	19.38	9.66	536	8.27	6.08	1.95	1.90	1.23	6.80
COR	El Cortijo	2	7.70	0.90	21.35	8.10	467	8.01	1.25	10.16	7.06	2.17	95.86
CUE	Foradada	9	16.77	12.25	21.32	6.94	895	7.99	2.56	5.83	4.00	5.84	20.97
EBR	Ebro	10	17.74	392.24	20.38	7.44	205	8.08	3.38	2.53	3.36	4.35	15.93
ESC	Escales	2	90.00	142.30	20.92	9.94	175	8.62	6.20	1.29	1.49	2.53	4.83
ESR	Escarra	1	17.00	3.50	18.40	8.34	144	8.43	5.70	1.57	1.88	1.14	2.25
EST	Alcañiz	4	4.23	4.40	26.02	8.55	629	8.25	2.03	6.17	4.06	3.13	11.62

EUG	Eugui	3	30.33	16.02	20.79	7.81	164	8.02	5.03	1.36	2.33	2.12	10.37
FLI	Flix	7	8.43	3.73	22.58	4.59	978	7.92	4.16	2.14	2.83	1.53	60.86
GAL	Gallipuéñ	7	13.71	2.59	21.51	8.31	549	8.14	2.44	6.39	4.64	3.43	16.15
GRA	El Grado	2	68.10	314.05	19.90	8.50	236	8.27	5.75	1.41	1.76	1.01	2.32
GUI	Guiamets	7	31.99	7.13	23.12	9.49	405	8.34	2.48	4.70	4.59	4.68	14.21
IRA	Irabia	4	27.60	7.76	18.00	7.03	153	7.91	5.13	1.68	1.59	2.53	6.39
ITO	Itoiz	3	68.70	281.27	21.75	8.26	198	8.43	4.83	1.77	2.29	1.47	5.70
LAN	Lanuza	2	43.25	15.15	16.00	9.10	111	8.06	5.98	1.00	0.97	1.26	8.28
LEC	Lechago	7	10.26	2.73	19.76	6.38	1364	7.86	3.71	3.37	4.17	4.87	15.19
LLA	Llauset	2	64.40	15.20	11.27	9.16	55	7.75	16.00	0.36	0.49	0.61	1.63
LOT	La Loteta	5	10.98	42.86	21.51	8.15	950	8.22	1.44	11.07	8.68	4.32	21.31
MAE	Maidevera	4	33.38	14.94	21.93	8.89	403	8.22	2.40	5.54	3.94	5.87	13.96
MAN	Mansilla	4	35.08	37.17	20.18	7.89	151	8.23	4.55	1.56	1.52	2.33	9.85
MAR	Margalef	5	23.90	2.26	21.77	8.76	360	8.14	3.59	2.72	2.52	4.84	15.54
MED	Mediano	2	43.70	258.60	22.52	8.40	224	8.21	3.00	2.53	2.13	1.84	2.57
MEQ	Mequinenza	8	52.91	1151.85	24.94	5.99	1022	8.09	4.34	2.05	2.17	3.91	12.80
MEZ	Mezalocha	8	9.95	2.19	18.96	8.45	523	8.26	1.70	27.55	21.77	6.07	41.77
MOA	Montearagon	2	29.60	10.00	21.30	6.20	341	8.17	3.33	3.01	3.31	2.43	2.80
MON	Vicariás	6	6.85	4.55	22.66	7.00	844	8.02	1.71	7.93	7.94	1.91	9.28
MOV	Moneva	5	5.28	1.77	22.70	7.27	950	8.12	1.58	13.70	14.66	6.66	41.78
OLI	Oliana	9	47.15	68.13	22.15	7.76	214	8.48	3.12	3.78	3.59	8.79	22.08
ORT	Ortigosa	5	29.60	21.89	19.10	8.01	150	8.07	5.54	2.17	1.83	1.86	8.64
PAJ	Pajares	4	45.25	54.75	16.94	8.03	70	7.56	5.25	1.20	2.15	2.32	5.83
PEN	La Peña	4	25.65	13.30	18.52	9.29	322	8.34	4.13	2.20	1.63	1.55	3.85
PEÑ	Pena	8	11.14	11.17	20.58	8.14	279	8.18	1.09	9.41	10.00	3.88	20.90
PUE	Puentelarra	1	5.00	0.90	23.70	7.60	294	8.31	2.55	1.66	3.86	2.03	16.80
RIA	Rialb	10	56.83	315.19	23.13	7.68	218	8.33	2.56	2.96	3.43	5.30	15.64
RIB	Ribarroja	8	28.38	203.27	24.05	7.36	906	8.14	2.94	3.11	3.15	12.94	42.80
SAB	Sabiñanigo	1	10.80	0.90	14.60	9.09	204	7.83	2.60	22.62	1.97	0.01	7.24
SAN	Santa Ana	4	48.20	127.13	15.05	9.88	281	8.16	3.72	1.35	1.51	1.63	10.54

SLO	San Lorenzo	3	9.00	8.60	20.73	8.67	197	8.18	2.03	3.84	3.19	2.68	13.13
SOB	Sobrón	10	26.84	17.88	22.24	7.35	312	8.07	2.57	2.88	3.91	7.08	23.98
SOP	Sopeira	1	15.10	1.00	11.63	9.10	171	7.87	4.25	0.91	1.40	0.40	3.59
SOT	Sotonera	8	17.73	131.49	23.61	8.00	333	8.26	2.20	4.11	3.06	3.20	11.28
STO	Santolea	3	23.83	25.20	23.60	8.02	519	8.17	4.92	1.94	1.30	1.18	6.30
TAL	Talarn	2	47.65	165.10	19.65	9.19	173	8.55	4.46	2.09	1.69	3.60	8.49
TER	Terradets	6	12.33	28.16	18.00	8.36	173	8.14	0.93	20.79	19.29	1.83	25.96
TOR	Las Torcas	5	19.26	4.54	20.31	9.46	491	8.16	3.86	2.77	2.55	2.27	10.07
TRA	Tranquera	9	26.77	44.58	23.44	9.41	644	8.20	3.15	3.80	2.15	10.00	16.75
ULL	Ullivari	5	22.76	114.36	20.44	7.72	257	8.31	5.31	1.35	3.69	2.70	12.64
URD	Urdalur	1	36.00	5.46	14.80	8.75	119	7.76	5.80	1.17	3.46	1.59	3.81
URR	Urrunaga	7	17.06	56.18	20.78	7.41	180	8.22	4.36	1.36	3.05	3.33	16.65
UTC	Utexa seca	4	4.60	2.48	22.28	8.78	524	8.12	0.72	21.33	11.19	29.16	103.46
VAD	Vadiello	3	52.93	14.22	19.23	9.16	301	8.15	5.30	2.15	1.42	2.02	7.87
VAL	Val	9	40.99	17.81	22.12	10.20	400	8.38	1.71	8.27	5.80	29.74	39.94
YES	Yesa	4	44.60	359.64	21.94	8.58	250	8.21	2.91	2.14	2.01	1.68	4.97