

Supplement of Hydrol. Earth Syst. Sci. Discuss., 12, 3391–3448, 2015
<http://www.hydrol-earth-syst-sci-discuss.net/12/3391/2015/>
doi:10.5194/hessd-12-3391-2015-supplement
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Supplement of

A 2600 year history of floods in the Bernese Alps, Switzerland: frequencies, mechanisms and climate forcing

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1 Supplementary material

2 (Supplementary material, Table 1). AMS radiocarbon dating of key-cores from the Lower
 3 Hasli Valley, River Aare. The dates were calibrated using the Radiocarbon Calibration
 4 Program Calib 7.1 (Stuiver et al., 2007).

Core	Depth (cm)	Material	Lab.-ID	^{14}C yr BP	Calibrated age BP (2 sigma)	$\delta^{13}\text{C}\text{‰}$ VPDB
Core AA-02	84	Peat and bulk sediment	Ua-3783	1 075 ± 30	931 - 1055	-28.3
	229.5	Peat and bulk sediment	Ua-3784	1 555 ± 35	1372 - 1532	-28.0
	450	Peat and bulk sediment	Ua-3786	2 190 ± 30	2128 - 2310	-28.7
	552.5	Plant remains	Ua-3787	2 535 ± 35	2491 - 2749	-27.7
Core AA-05	134	Peat	Ua-40006	398±30	324 - 512	-28.0
	194	Peat and bulk sediment	Ua-40007	653±30	556 - 671	-28.9
	223.5	Peat and bulk sediment	Ua-3780	810 ± 30	681 - 781	-27.7
	453.5	Peat	Ua-40008	1675±30	1526 - 1692	-28.9
	646.5	Wood	Ua-3781	2 120 ± 40	1992 - 2301	-26.7
	799.5	Wood	Ua-37982	2 500 ± 35	2461 - 2739	-28.3
Core AA-10	58	Charcoal	Ua-41437	1181±48	975 - 1255	-25.6
	81	Charcoal	Ua-41438	472±30	495 - 541	-27.1
	144	Plant remains	Ua-41439	771±37	663 - 758	-28.7
	173.5	Wood and plant remains	Ua-41440	730±30	653 - 726	-28.2
	972	Wood	Ua-40457	1573±30	1397 - 1535	-31.4
Core AA-12	380	Wood and plant remains	Ua-41445	1853±35	1711 - 1872	-26.4
	564	Wood	Ua-40458	2421±30	2352 - 2696	-29.1
Core AA-21	299.5	Wood	Ua-43713	1938±34	1819 - 1985	-28.5
Core AA-P1.12	192.5	Plant remains	Ua-43708	375±33	316 - 505	-27.8
Core AA-P1.25	177	Plant remains	Ua-43709	754±32	668 - 730	-31.2