

Sample	Locality	Sampling date	Lat.	Long.	Basin area (km ²)	Mean basin elevation (m)	Sample age (years)	Age reference	Sample elevation (m, from DEM)	Average shielding factor ^d	Sample depth (cm)	Sample ¹⁰ Be (×10 ³ atoms g ⁻¹)	¹⁰ Be concentration at time of deposition (×10 ³ atoms g ⁻¹)	CAIRN-derived erosion rate (mm yr ⁻¹)
BGM	Bagwan – modern	6 Oct 2014	30.2255	78.6823	10 920	3825	Modern	n/a	498	0.862	0	13.57 ± 1.40	13.56 ± 1.40	1.67 ± 0.30
BG1.8	Bagwan – terrace	6 Oct 2014	30.2253	78.6812	10 920	3825	217±76	Wasson et al. (2013) – OSL	504	0.862	500	40.70 ± 2.69	40.69 ± 2.69	0.55 ± 0.10
DV2013	Devprayag – 2013 flood	5 Oct 2014	30.1499	78.6136	11 052	3805	1	n/a	492	0.868	0	16.07 ± 3.55	16.06 ± 3.55	1.44 ± 0.26
DVTT2	Devprayag – terrace	5 Oct 2014	30.1508	78.6107	11 052	3805	14 000 ± 2000	Srivastava et al. (2008) – OSL	530	0.868	600	7.09 ± 2.45	6.66 ± 2.45	3.48 ± 1.02
DVMT2	Devprayag – terrace	5 Oct 2014	30.1508	78.6153	11 052	3805	10 000 ± 2000	Ray and Srivastava (2010) – OSL	517	0.868	650	14.69 ± 1.22	14.27 ± 1.22	1.63 ± 0.29
DVDF	Devprayag – terrace	6 Oct 2014	30.1253	78.5905	18 716	3870	10 000 ± 2000	Ray and Srivastava (2010) – OSL	559	0.868	1300	23.19 ± 1.28	23.04 ± 1.28	1.01 ± 0.18
RLB	Rishikesh – terrace	3 Oct 2014	30.1305	78.3322	21 675	3670	6940 ± 650	Sinha et al. (2010) – OSL	393	0.879	300	15.61 ± 1.27	14.52 ± 1.27	1.45 ± 0.26
RFLO	Rishikesh – 2013 flood	3 Oct 2014	30.1328	78.3342	21 675	3670	1	n/a	370	0.879	20	12.86 ± 1.58	12.85 ± 1.58	1.63 ± 0.30
RAE1	Raiwala – terrace	8 Oct 2014	30.0053	78.2195	23 030	3580	2600 ± 500	Wasson et al. (2013) – OSL	308	0.877	100	17.51 ± 1.04	14.07 ± 1.31	1.52 ± 0.27
RAE2	Raiwala – terrace	8 Oct 2014	30.0053	78.2195	23 030	3580	1000 ± 200	Wasson et al. (2013) – OSL	308	0.877	80	20.76 ± 1.09	19.08 ± 1.28	1.12 ± 0.20
RAEM	Raiwala – modern	8 Oct 2014	30.0054	78.2227	23 030	3580	Modern	n/a	303	0.885	0	15.53 ± 1.07	15.52 ± 1.07	1.29 ± 0.23
CDT3	Chandi Devi – terrace	3 Oct 2014	29.9461	78.1757	23 221	3560	9760 ± 1040	Sinha et al. (2010) – OSL	309	0.877	320	14.19 ± 1.11	12.91 ± 1.12	1.66 ± 0.30
CDT4	Chandi Devi – terrace	3 Oct 2014	29.9398	78.1788	23 221	3560	11 080 ± 1960	Sinha et al. (2010) – OSL	389	0.877	1000	49.72 ± 8.96	49.65 ± 8.96	0.43 ± 0.08
GAPUB	Haridwar – modern	11 Oct 2014	29.9067	78.1635	23 221	3560	Modern	n/a	271	0.886	0	17.70 ± 1.42	17.70 ± 1.42	1.12 ± 0.20
LH	Landhaura – terrace	7 Oct 2014	29.8105	77.9460	23 941	3510	23 500 ± 1500	Verma (2016) – OSL	256	0.879	220	15.65 ± 1.21	8.06 ± 1.31	2.60 ± 0.49
NGL	Nagal – terrace	7 Oct 2014	29.6698	78.1786	23 941	3510	14 000 ± 3000	Sinha et al. (2010) – OSL	249	0.889	1260	19.07 ± 1.13	18.86 ± 1.13	1.03 ± 0.19
NGM	Nagal – terrace	7 Oct 2014	29.6652	78.1850	23 941	3510	7200 ± 2000	Sinha et al. (2010) – OSL	258	0.889	850	16.67 ± 1.28	16.49 ± 1.28	1.18 ± 0.21
NGT	Nagal – terrace	7 Oct 2014	29.6649	78.1859	23 941	3510	7200 ± 2000	Sinha et al. (2010) – OSL	259	0.889	250	18.96 ± 1.36	17.27 ± 1.44	1.12 ± 0.20
BR924 ^b	Rishikesh – modern	11 Aug 2009	30.127	78.330	21 690	3150	Modern	n/a	357	0.879	0	9.20 ± 1.0	n/a	2.28 ± 0.41