

Samples	Study_Area	Publication	Sample_Lon	Sample_Lat	Denudation rate (mm/y)
1	Chenab	Rao et al. (1997)	76.96	32.53	0.19
2	Chenab	Rao et al. (1997)	75.86	33.46	0.35
3	Chenab	Rao et al. (1997)	75.73	33.35	0.33
4	Chenab	Rao et al. (1997)	75.74	33.36	0.6
5	Chenab	Rao et al. (1997)	75.7	33.15	0.51
6	Chenab	Rao et al. (1997)	75.14	33.24	0.72
7	Chenab	Rao et al. (1997)	74.74	32.89	0.39
8	Sutlej	Bookhagen et al. 2016	78.18	32.1	0.61
9	Sutlej	Bookhagen et al. 2016	78.6	31.95	0.64
10	Sutlej	Bookhagen et al. 2016	78.05	32.25	2.19
11	Sutlej	Bookhagen et al. 2016	78.05	32.25	2.07
12	Sutlej	Bookhagen et al. 2016	78.44	31.78	0.36
13	Sutlej	Bookhagen et al. 2016	78.41	31.8	0.24
14	Sutlej	Bookhagen et al. 2016	78.06	31.52	0.41
15	Sutlej	Bookhagen et al. 2016	78.38	31.37	2.03
16	Yamuna	Scherler et al., 2014	77.69	30.78	0.39
17	Yamuna	Scherler et al., 2014	77.74	30.85	0.29
18	Yamuna	Scherler et al., 2014	77.74	31.15	0.31
19	Yamuna	Scherler et al., 2014	77.83	31.22	0.29
20	Yamuna	Scherler et al., 2014	77.85	31.23	0.35
21	Yamuna	Scherler et al., 2014	77.85	30.95	0.49
22	Yamuna	Scherler et al., 2014	77.84	30.92	1.22
23	Yamuna	Scherler et al., 2014	77.7	30.76	1.13
24	Yamuna	Scherler et al., 2014	78.01	30.57	0.55
25	Yamuna	Scherler et al., 2014	78.01	30.64	0.16
26	Yamuna	Scherler et al., 2014	78.09	30.72	0.15
27	Yamuna	Scherler et al., 2014	78.09	30.72	0.22
28	Yamuna	Scherler et al., 2014	78.11	30.8	0.13
29	Yamuna	Scherler et al., 2014	78.21	30.82	0.08
30	Yamuna	Scherler et al., 2014	78.3	30.87	0.32
31	Yamuna	Scherler et al., 2014	78.31	30.89	1.17
32	Yamuna	Scherler et al., 2014	78.02	30.99	0.15
33	Yamuna	Scherler et al., 2014	78.04	31.02	0.53
34	Yamuna	Scherler et al., 2014	78.1	31.07	1.81
35	Yamuna	Scherler et al., 2014	78.25	31.08	1.97
36	Yamuna	Scherler et al., 2014	77.96	31.25	0.9
37	Yamuna	Scherler et al., 2014	78.23	30.82	1.14
38	Yamuna	Scherler et al., 2014	78.08	30.73	0.31
39	Ganges	Morell et al., 2015	79.52	30.46	0.64
40	Ganges	Morell et al., 2015	79.35	30.37	0.3
41	Ganges	Morell et al., 2015	79.33	30.27	0.24
42	Ganges	Morell et al., 2015	79.3	30.26	0.11
43	Ganges	Morell et al., 2015	78.26	30.68	0.18

44	Ganges	Morell et al., 2015	78.43	30.65	0.5
45	Ganges	Morell et al., 2015	78.32	30.76	0.15
46	Ganges	Morell et al., 2015	78.35	30.79	0.27
47	Ganges	Morell et al., 2015	78.39	30.79	0.14
48	Ganges	Morell et al., 2015	78.58	30.78	0.48
49	Ganges	Morell et al., 2015	78.51	30.79	0.34
50	Ganges	Morell et al., 2015	79.54	30.5	0.55

Error	Elevation(m)	Slope (degree)	Relief(m)	Annual precipitation(mm/y)
0	3117.08	24.00	1363.20	299.85
0	1730.74	30.24	1042.89	1061.50
0	1222.40	39.79	886.76	815.69
0	1174.85	30.31	619.48	774.25
0	1166.56	7.37	723.81	951.95
0	919.91	26.92	695.53	1914.03
0	311.94	1.75	34.00	1466.64
0.11	3584.20	24.01	788.18	128.67
0.05	3189.99	25.05	1144.41	149.52
0.2	3610.07	5.63	707.89	116.74
0.18	3610.07	5.63	707.89	116.74
0.03	2941.24	8.51	828.91	112.85
0.03	3217.60	13.94	959.97	81.29
0.06	2017.85	38.74	1177.34	675.03
0.49	3179.57	6.03	962.20	210.86
0.03	1080.83	34.68	1219.40	2279.69
0.02	998.27	33.72	1002.00	1714.94
0.02	1459.60	13.10	694.55	1304.65
0.02	1708.37	23.40	605.21	1408.48
0.03	1935.94	34.31	939.71	1386.41
0.04	1013.45	24.60	831.20	1709.09
0.1	888.19	8.82	795.79	1481.34
0.09	1061.29	35.56	697.26	2366.73
0.04	929.22	7.92	832.79	2520.41
0.01	840.60	11.19	700.54	2077.22
0.01	1097.78	26.97	957.50	1539.49
0.02	1097.78	26.97	957.50	1539.49
0.01	1220.35	27.14	827.58	1525.01
0.01	1286.22	21.87	514.90	1351.99
0.02	1470.70	16.01	935.50	1816.67
0.09	1758.87	32.14	1185.24	1720.00
0.01	1139.09	13.89	518.82	2460.01
0.04	1153.08	7.38	788.90	2094.50
0.14	1328.94	27.00	900.34	1832.27
0.16	2032.95	4.23	1006.40	2508.33
0.07	2124.97	30.17	986.33	1637.83
0.09	1220.75	15.83	697.54	1565.31
0.02	958.86	3.92	873.54	1545.21
0.15	2745.10	25.21	1398.96	2441.04
0.05	1642.17	17.87	1253.94	1626.84
0.06	1873.81	34.33	963.01	1487.11
0.02	1537.48	10.09	865.17	1592.15
0.05	1987.92	7.81	764.10	1553.40

0.13	1406.79	11.95	858.98	1945.92
0.02	1595.27	24.06	951.60	1682.49
0.06	2194.94	40.37	1179.05	2013.02
0.03	1700.63	22.73	855.61	1995.74
0.08	1981.99	24.69	1262.41	2318.27
0.14	1949.35	13.00	1376.74	2161.93
0.08	2441.33	25.95	1291.94	2514.10

Geophysical Relief (m)	Exhumation Age (Ma)
1844.30	9.71
1973.53	5.64
2441.17	7.40
2811.73	4.69
2416.64	4.74
1493.28	2.07
342.24	0.88
2397.06	3.93
2739.30	4.28
2385.83	1.09
2385.83	1.15
1932.69	5.37
1758.44	7.33
2973.30	7.25
2171.02	1.07
172.00	0.44
981.99	3.39
1520.65	4.91
1903.38	6.56
1590.71	4.54
1739.97	3.55
1515.77	1.24
125.00	0.11
1413.95	2.57
1486.77	9.29
1394.57	9.30
1394.57	6.34
1112.06	8.55
1203.41	15.04
1447.55	4.52
1302.86	1.11
1349.02	8.99
1506.48	2.84
3534.90	1.95
3249.68	1.65
2159.38	2.40
1306.54	1.15
1396.33	4.50
1439.23	2.25
871.37	2.90
888.39	3.70
970.50	8.82
339.98	1.89

995.44	1.99
893.66	5.96
529.76	1.96
1047.51	7.48
1855.89	3.87
1528.07	4.49
4047.03	7.36