



Supplementary Material

Table S1: Planimetric and altimetric displacements (cm/y) of the GNSS monitored points in the La Paul rock glacier. Missing data are due to measurements that were either not performed or had a significant error.

	2013-2014		2014-2015		2015-2016		2016-2017		2017-2018		2018-2019		2019-2020	
ID	ΔXY	ΔZ	ΔXY	ΔZ	ΔXY	ΔZ	ΔXY	ΔZ	ΔXY	ΔZ	ΔXY	ΔZ	ΔXY	ΔZ
1	29	-24	33	-5	33	-16	31	-26	33	-10	28	-1	35	-21
2	28	-26	39	-14	45	-15	44	-27	40	-15	34	-6	50	-23
3	94	-13	46	-14	160	-39	42	-31	41	-12	35	-11	40	-24
4	24	-24	33	-7	27	-19	29	-24	28	-11	24	-3	29	-23
5	38	-31	54	-27	44	-25	47	-43	42	-19	38	-18	49	-34
6	25	-20	38	-8	32	-13	35	-27	30	-5	30	-2	33	-21
7	14	-16	16	-3	16	-9	19	-22	17	-3	12	2	18	-17
8	29	-25	36	-8	37	-19	34	-24					37	-21
9					35	-15	40	-27	32	-10	26	-6	40	-26
10					39	-22	42	-32	36	-12	31	-11	39	-29
11	33	-22	40	-13	41	-17	36	-30	37	-13	32	-5	36	-25
12	42	19	16	-9	15	-11	13	-21	13	-4	11	-1	13	-15
13	8	-21	15	-7	16	-10	11	-22	15	-3	9	0	15	-12
14	28	-24	31	-9	33	-20	33	-27	31	-17	26	-5	26	-23
15	29	-30	39	-22	41	-30	41	-41	39	-21	30	-13	40	-32
16	29	-34	42	-24	41	-29	43	-35	36	-20	35	-11	39	-33
17	24	-32	38	-20	43	-27	36	-35	35	-21	29	-11	29	-56
18	34	-35	43	-17	44	-36	39	-38	38	-24	31	-14	35	-56
19	16	-25	30	-15	31	-25	16	-33	22	-13	18	-6	25	-44
20	28	-33	36	-23	32	-31	35	-37	26	-17	24	-12	34	-54
Mean	31	-21	35	-14	40	-21	33	-30	31	-13	27	-7	33	-29