



Supplement of

Glacier and rock glacier changes since the 1950s in the La Laguna catchment, Chile

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Table S1: Mean surface velocities and mean surface elevation change for ice-debris landforms within La Laguna catchment between 2012 and 2020.

Landform ID	Name (if available)	Mean Surface Elevation Change (m a ⁻¹)	Mean Surface Velocity (m a ⁻¹)
CL104300001		-0.04 ± 0.01	0.02 ± 0.03
CL104300002		0.03 ± 0.01	0.03 ± 0.03
CL104300003		n/a	0.05 ± 0.03
CL104300004		n/a	0.10 ± 0.03
CL104300006		0.03 ± 0.03	0.23 ± 0.03
CL104300007	Llano de las Liebres	-0.01 ± 0.01	0.36 ± 0.03
CL104300008		0.00 ± 0.02	0.15 ± 0.03
CL104300009A		-0.01 ± 0.04	0.19 ± 0.03
CL104300009B		-0.01 ± 0.01	0.51 ± 0.03
CL104300010		0.00 ± 0.02	0.27 ± 0.03
CL104300011		0.02 ± 0.03	0.14 ± 0.03
CL104300012		-0.06 ± 0.05	0.07 ± 0.03
CL104300013		-0.03 ± 0.05	0.03 ± 0.03
CL104300014		0.02 ± 0.01	0.14 ± 0.03
CL104300015		0.09 ± 0.02	0.03 ± 0.03
CL104300017		0.03 ± 0.04	0.02 ± 0.03
CL104300018		-0.02 ± 0.05	0.08 ± 0.03
CL104300020		-0.02 ± 0.02	0.20 ± 0.03
CL104300021		0.03 ± 0.06	0.21 ± 0.03
CL104300030		0.02 ± 0.02	0.04 ± 0.03
CL104300032	Las Tetas	-0.11 ± 0.05	0.61 ± 0.03
CL104300036		0.03 ± 0.01	0.14 ± 0.03
CL104300037A		-0.01 ± 0.03	0.11 ± 0.03
CL104300037B		0.00 ± 0.02	0.12 ± 0.03
CL104300039A	Tapado Debris-Covered Glacier	-0.35 ± 0.02	0.28 ± 0.03
CL104300039B	Tapado Rock glacier	-0.07 ± 0.01	0.83 ± 0.03
CL104300039C	Tapado Rock Glacier	-0.05 ± 0.04	0.96 ± 0.03
CL104300041	Las Tetas	-0.13 ± 0.01	0.35 ± 0.03
CL104300042		-0.13 ± 0.03	0.24 ± 0.03
CL104300053		0.03 ± 0.07	0.30 ± 0.03
CL104300054		n/a	0.78 ± 0.03
CL104300058		n/a	0.07 ± 0.03
CL104300059		n/a	n/a
CL104301020A		-0.02 ± 0.02	0.55 ± 0.03
CL104301020B		0.01 ± 0.05	0.84 ± 0.03
CL104301021		-0.05 ± 0.01	0.51 ± 0.03
CL104301022		-0.05 ± 0.01	0.34 ± 0.03
CL104301023		-0.05 ± 0.05	0.51 ± 0.03
CL104301024		0.01 ± 0.02	-0.11 ± 0.03
CL104301025		-0.03 ± 0.06	0.06 ± 0.03