CORRIGENDUM

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After publication of our paper entitled "Extreme precipitation and climate gradients in Patagonia revealed by high-resolution regional atmospheric climate modeling" (Lenaerts et al. 2014, hereinafter L14), we discovered three notable errors. Although nothing changes the results, we would like to communicate these errors by means of this corrigendum.

First, Table 1 in the original paper documented that all Chilean Water Directorate (DGA) and Chilean Weather Service (DMC) stations covered the period 1950–2007. However, most of the stations cover a considerably smaller time period. This error will change nothing to the results; we have already selected the overlapping years between the observations and Regional Atmospheric Climate Model version 2.3 (RACMO2) data, as indicated in the text of the original paper. The corrected Table 1 is displayed below.

Second, in Table 2 of L14, the exact measured accumulation at Cerro Gorra Blanca is not 1.00 but rather 0.97 m w.e. yr^{-1} (w.e. indicates water equivalent) and covers only the period July 2000–July 2001. This is described in Schwikowski et al. (2006).

Third, we came across an error in the text concerning the significance of the upper-atmospheric temperature trend (p. 4619, under the heading "Recent trends"). In contradiction to the text of the original paper, but in accordance with Fig. 11a therein, the 1979–2012 temperature trends at 700 hPa are nowhere significant in Patagonia. The text should therefore read: ... *respectively. RACMO2 suggests an important but statistically insignificant temperature decrease, especially in western Patagonia (from −0.005 to −0.01 K* yr^{-1}*). Trends in precipitation are spatially irregularly distributed and also mostly not significant, although there are some hints* ...

REFERENCES

Lenaerts, J. T. M., M. R. van den Broeke, J. M. van Wessem, W. J. van de Berg, E. van Meijgaard, L. H. van Ulft, and M. Schaefer, 2014: Extreme precipitation and climate gradients in Patagonia revealed by high-resolution regional atmospheric climate modeling. *J. Climate,* **27,** 4607–4621, doi:10.1175/JCLI-D-13-00579.1.

Schneider, C., M. Glaser, R. Kilian, A. Santana, N. Butorovic, and G. Casassa, 2003: Weather observations across the southern Andes at 53°S. *Phys. Geogr.,* **24,** 97–119, doi:10.2747/0272-3646.24.2.97.

Schwikowski, M., S. Brütsch, G. Casassa, and A. Rivera, 2006: A potential high-elevation ice-core site at Hielo Patagónico Sur. *Ann. Glaciol.,* **43,** 8–13, doi:10.3189/172756406781812014.

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TABLE 1. List of available weather stations used in this study for model evaluation. Shown are the abbreviated and long name, latitude and longitude, station elevation in meters above sea level, available time period, available variables (PR = precipitation; T = temperature; U = wind speed), and the source of the data. DGA is the Chilean Water Directorate and DMC the Chilean Weather Service. S2003 refers to Schneider et al. (2003).

Short name	Long name	Latitude	Longitude	Elevation (MSL)	Period	Vars	Source
CHAC	Chacabuco	45°26′S	72°49′W	20	1985–2011	PR	DGA
RIPN	Rio Puenta Nueva	49°6′S	74°24′W	10	2007–11	PR	DGA
RIPA	Rio Puesca	48°9′S	73°5′W	20	2003–11	PR	DGA
RIBA	Rio Baker	47°8′S	72°43′W	160	2003–11	PR	DGA
PUED	Puerto Eden	49°7′S	74°24′W	10	1997–2010	PR	DGA
LADI	Lago Dickson	50°49′S	73°6′W	200	1985–2011	PR	DGA
TORT	Tortel	47°47′S	73°32′W	10	2002–11	PR	DGA
BAMU	Bahia Muerta	46°27′S	72°40′W	240	1993–2011	PR	DGA
AYSE	Aysen	45°24′S	72°40′W	11	1950–2007	PR,T,U	DMC
BALM	Balmaceda	45°54′S	71°43′W	520	1961–2010	PR,T	DMC
CHIC	Chico	46°32′S	71°41′W	327	1950–2007	PR,T	DMC
COYH	Coyhaique	45°35′S	72°7′W	310	1961–2010	PR,T	DMC
NPBA	Gran Campo NPB	52°48′S	72°56′W	26	2000–12	PR,T,U	S2003
PASO	Paso Galeria	52°45′S	73°1′W	383	2000–12	PR,T	S2003
SKYR	Skyring	52°33′S	71°58′W	8	2000–12	PR,T,U	S2003
PUNT	Punto Arenas	53°8′S	70°53′W	6	2000–11	PR,T,U	S2003