



## ***Corrigendum to*** **“Glacier-surge mechanisms promoted by a hydro-thermodynamic feedback to summer melt” published in The Cryosphere, 9, 197–215, 2015**

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Table A1 of our article “Glacier-surge mechanisms promoted by a hydro-thermodynamic feedback to summer melt” (The Cryosphere, 9, 197–215, 2015) does not provide the observed maximum velocities over Basin-3 (as the label of the right column suggests), but instead the threshold values used to filter the displacement maps in an initial phase of the manuscript preparation. Furthermore, the repetition cycle  $t_3$  starts at 11 May 2012 instead of 30 April 2012.

On the next page of this corrigendum we list the correct date and the accurate maximum velocities of Basin-3.

Maximum velocities from Table A1 appear in one sentence at the end of Sect. 4.2, for January 2013 and May 2013, and should read 18.8 and 14.7  $\text{m d}^{-1}$ , respectively, instead of the specified 20.0 and 15.2  $\text{m d}^{-1}$ .

**Table 1.** TerraSAR-X acquisitions of Basin-3 and repeat-pass period and maximum velocities of inferred velocity maps.

ID of period	Repeat-pass period (days)	Start and end-date	Maximum velocity ( $\text{m d}^{-1}$ )
$t_1$	11	19 Apr 2012–30 Apr 2012	3.2
$t_2$	11	30 Apr 2012–11 May 2012	3.0
$t_3$	88	11 May 2012–7 Aug 2012	4.0
$t_4$	11	7 Aug 2012–18 Aug 2012	5.4
$t_5$	11	18 Aug 2012–29 Aug 2012	5.6
$t_6$	44	29 Aug 2012–12 Oct 2012	5.6
$t_7$	11	12 Oct 2012–23 Oct 2012	12.5
$t_8$	11	23 Oct 2012–3 Nov 2012	14.4
$t_9$	22	3 Nov 2012–25 Nov 2012	16.5
$t_{10}$	11	25 Nov 2012–6 Dec 2012	17.1
$t_{11}$	22	6 Dec 2012–28 Dec 2012	17.8
$t_{12}$	11	28 Dec 2012–8 Jan 2013	18.8
$t_{13}$	22	8 Jan 2013–30 Jan 2013	18.1
$t_{14}$	11	30 Jan 2013–10 Feb 2013	17.7
$t_{15}$	22	10 Feb 2013–4 Mar 2013	17.0
$t_{16}$	11	4 Mar 2013–15 Mar 2013	16.2
$t_{17}$	22	15 Mar 2013–6 Apr 2013	15.5
$t_{18}$	11	6 Apr 2013–17 Apr 2013	15.4
$t_{19}$	22	17 Apr 2013–9 May 2013	14.7
$t_{20}$	11	16 Aug 2013–27 Aug 2013	15.8
$t_{21}$	11	12 Nov 2013–23 Nov 2013	12.5