

Contributor	Data weighting	N	NW	NE	SW	SE	GrIS
Area ( $10^{12}$ m <sup>2</sup> )	–	0.26	0.69	0.60	0.21	0.40	2.16
Total (GRACE)	Yes	$-16 \pm 11$	$-106 \pm 23$	$-20 \pm 16$	$-29 \pm 10$	$-105 \pm 23$	$-277 \pm 21$
Total (GRACE)	No	$-18 \pm 11$	$-99 \pm 23$	$-26 \pm 16$	$-31 \pm 10$	$-96 \pm 23$	$-269 \pm 21$
SMB	Yes	$-24 \pm 11$	$78 \pm 28$	$1 \pm 20$	$-36 \pm 27$	$197 \pm 39$	$216 \pm 122$
SMB	No	$-24 \pm 11$	$76 \pm 28$	$3 \pm 20$	$-43 \pm 27$	$202 \pm 39$	$214 \pm 122$
– (Total–SMB)	Yes	$-8 \pm 16$	$184 \pm 36$	$21 \pm 26$	$-7 \pm 29$	$302 \pm 45$	$493 \pm 124$
– (Total–SMB)	No	$-6 \pm 16$	$175 \pm 36$	$29 \pm 26$	$-12 \pm 29$	$298 \pm 45$	$483 \pm 124$
Ice discharge	–	$21 \pm 13$	$206 \pm 14$	$41 \pm 10$	$18 \pm 7$	$234 \pm 20$	$520 \pm 31$