

Figure S1: Seasonal distribution of ICESat-2 foot prints over Glacier 1. (a) Accumulation 2018. (b) Melting 2019. (c) Accumulation 2019. (d) Melting 2020. (e) Accumulation 2020. (f) Melting 2021. (g) Accumulation 2021.

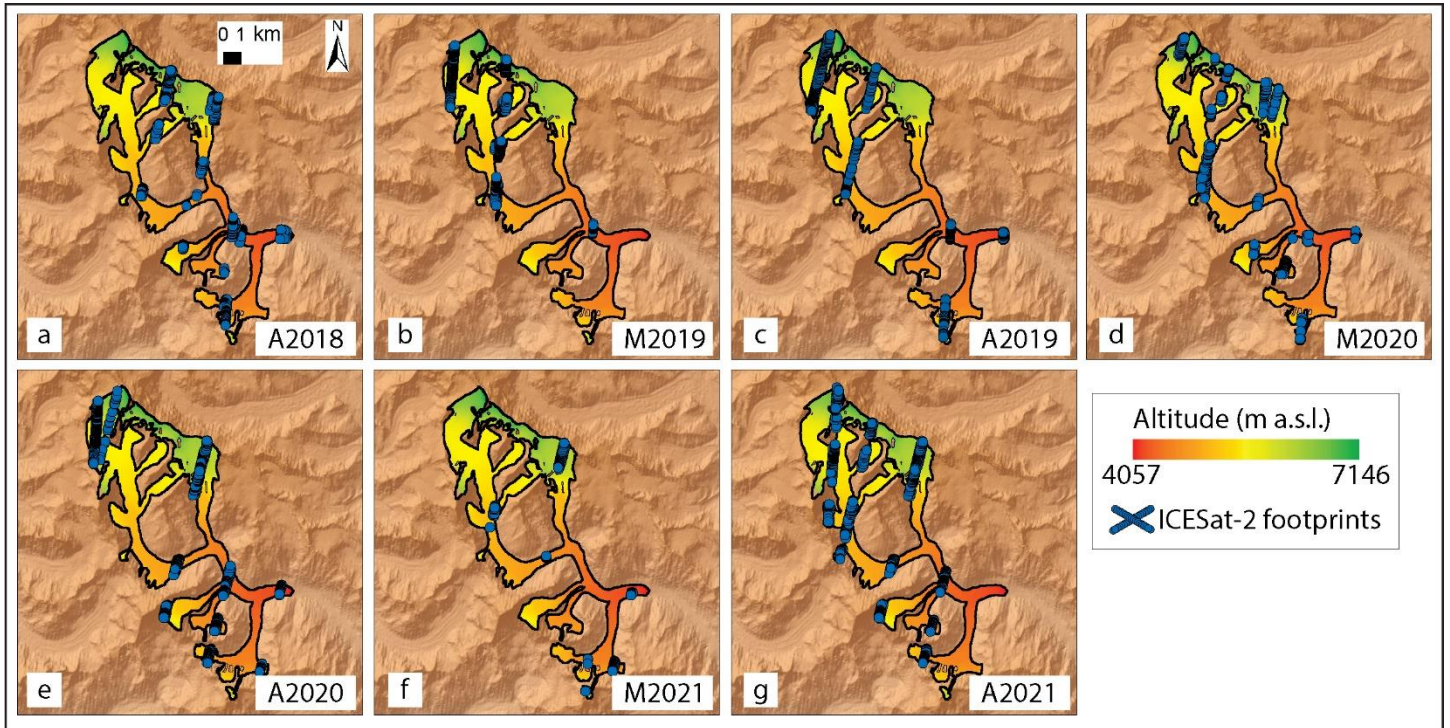


Figure S2: Seasonal distribution of ICESat-2 foot prints over Glacier 2. (a) Accumulation 2018. (b) Melting 2019. (c) Accumulation 2019. (d) Melting 2020. (e) Accumulation 2020. (f) Melting 2021. (g) Accumulation 2021.

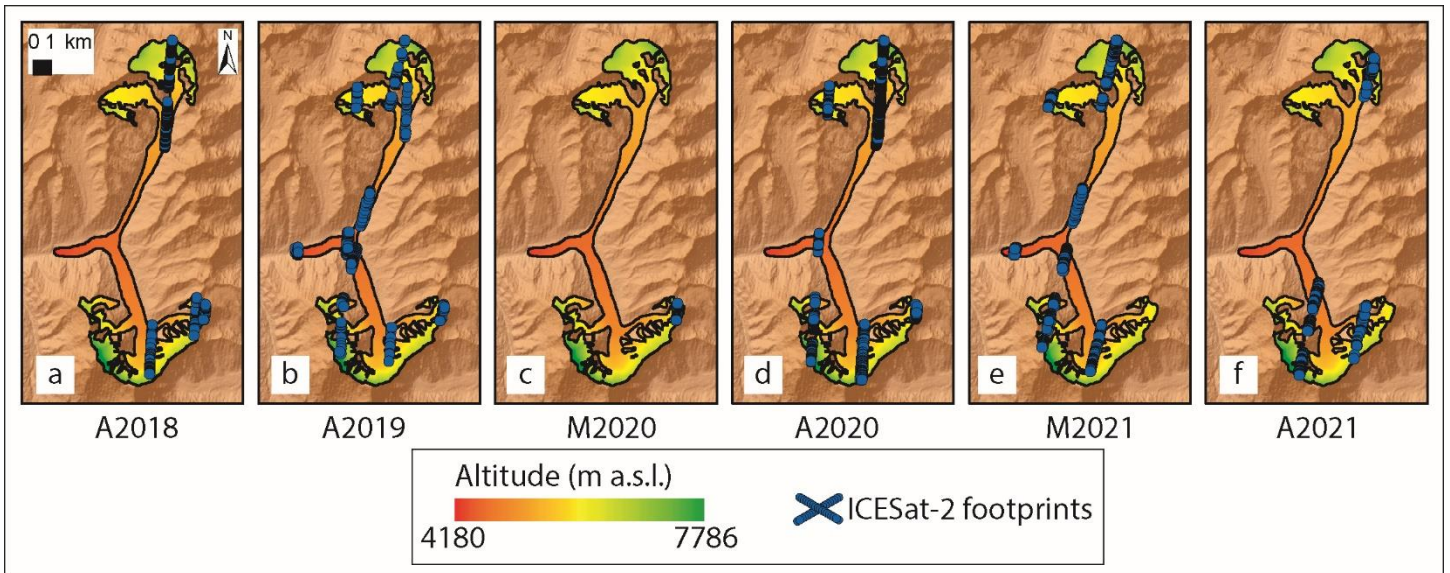


Figure S3: Seasonal distribution of ICESat-2 foot prints over Glacier 3. (a) Accumulation 2018. (b) Accumulation 2019. (c) Melting 2020. (d) Accumulation 2020. (e) Melting 2021. (f) Accumulation 2021.

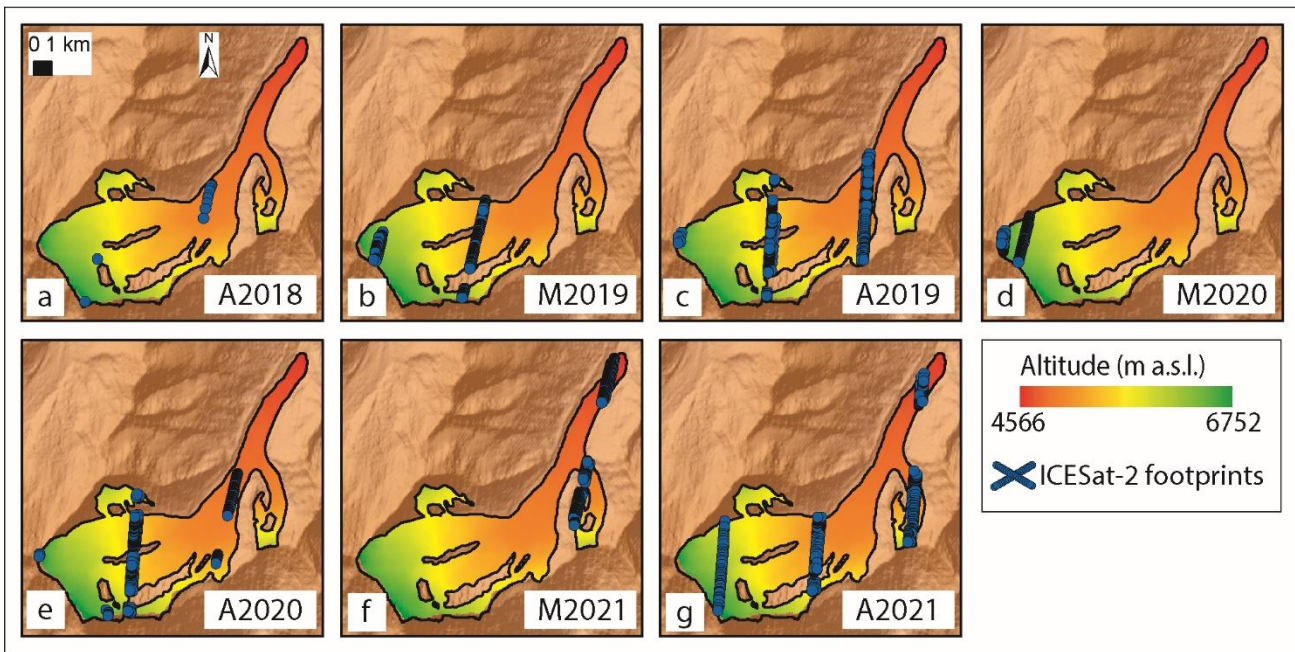


Figure S4: Seasonal distribution of ICESat-2 foot prints over Glacier 4. (a) Accumulation 2018. (b) Melting 2019. (c) Accumulation 2019. (d) Melting 2020. (e) Accumulation 2020. (f) Melting 2021. (g) Accumulation 2021.

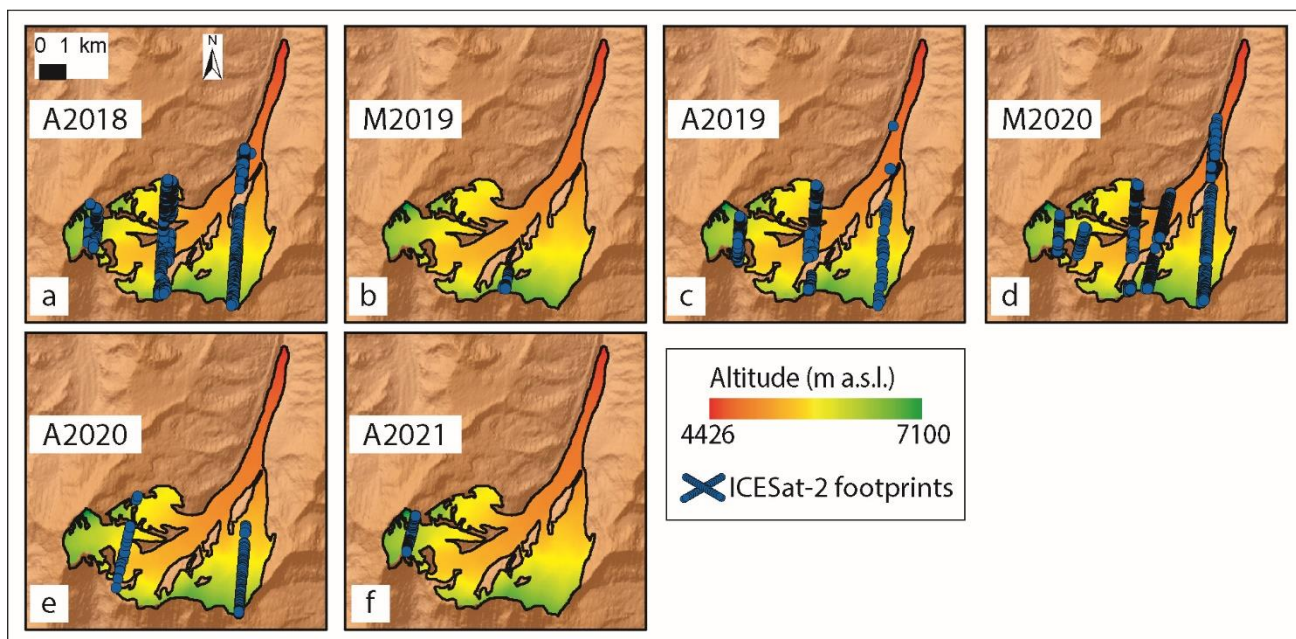


Figure S5: Seasonal distribution of ICESat-2 foot prints over Glacier 5. **(a)** Accumulation 2018. **(b)** Melting 2019. **(c)** Accumulation 2019. **(d)** Melting 2020. **(e)** Accumulation 2020. **(f)** Accumulation 2021.