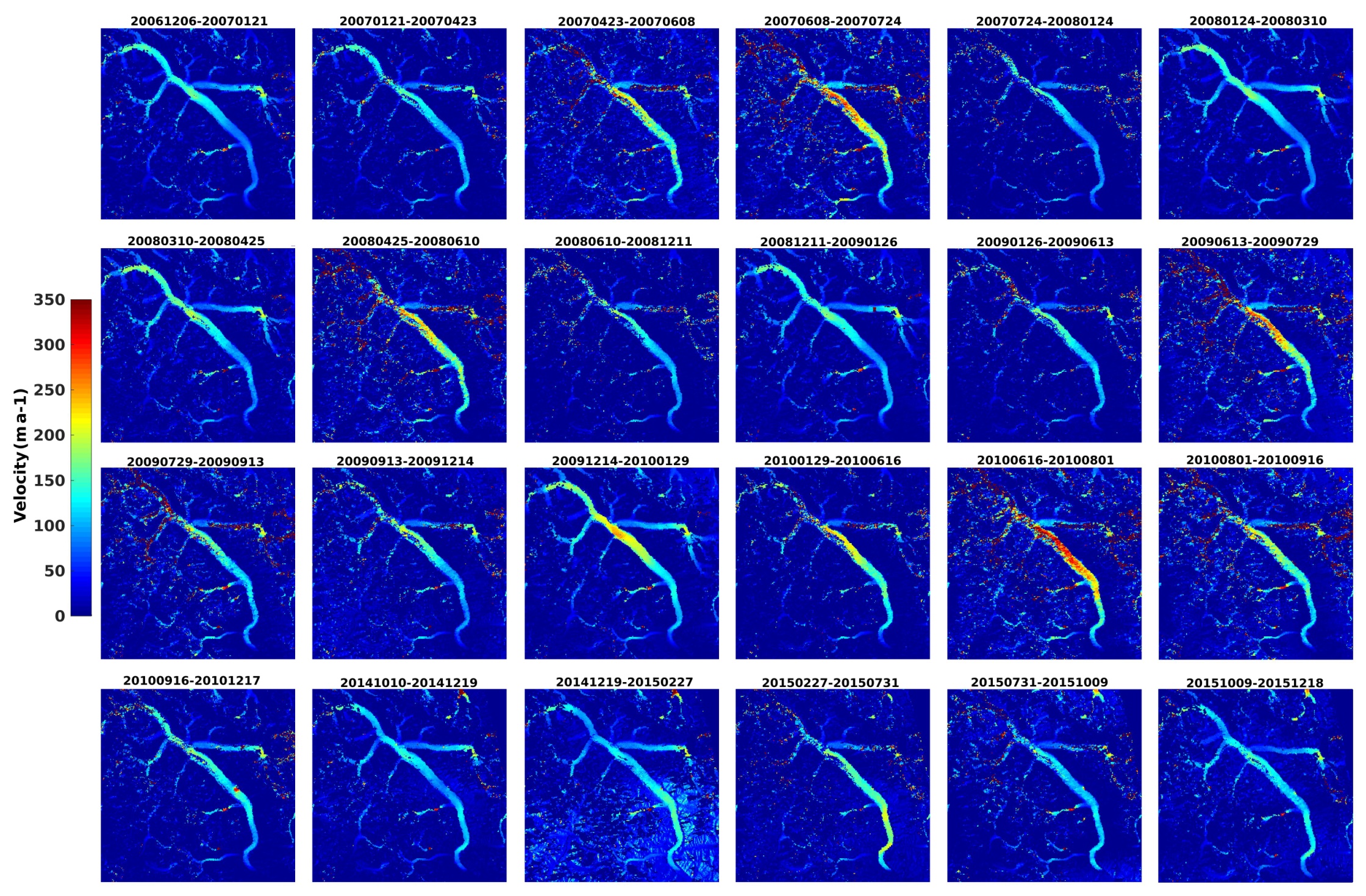
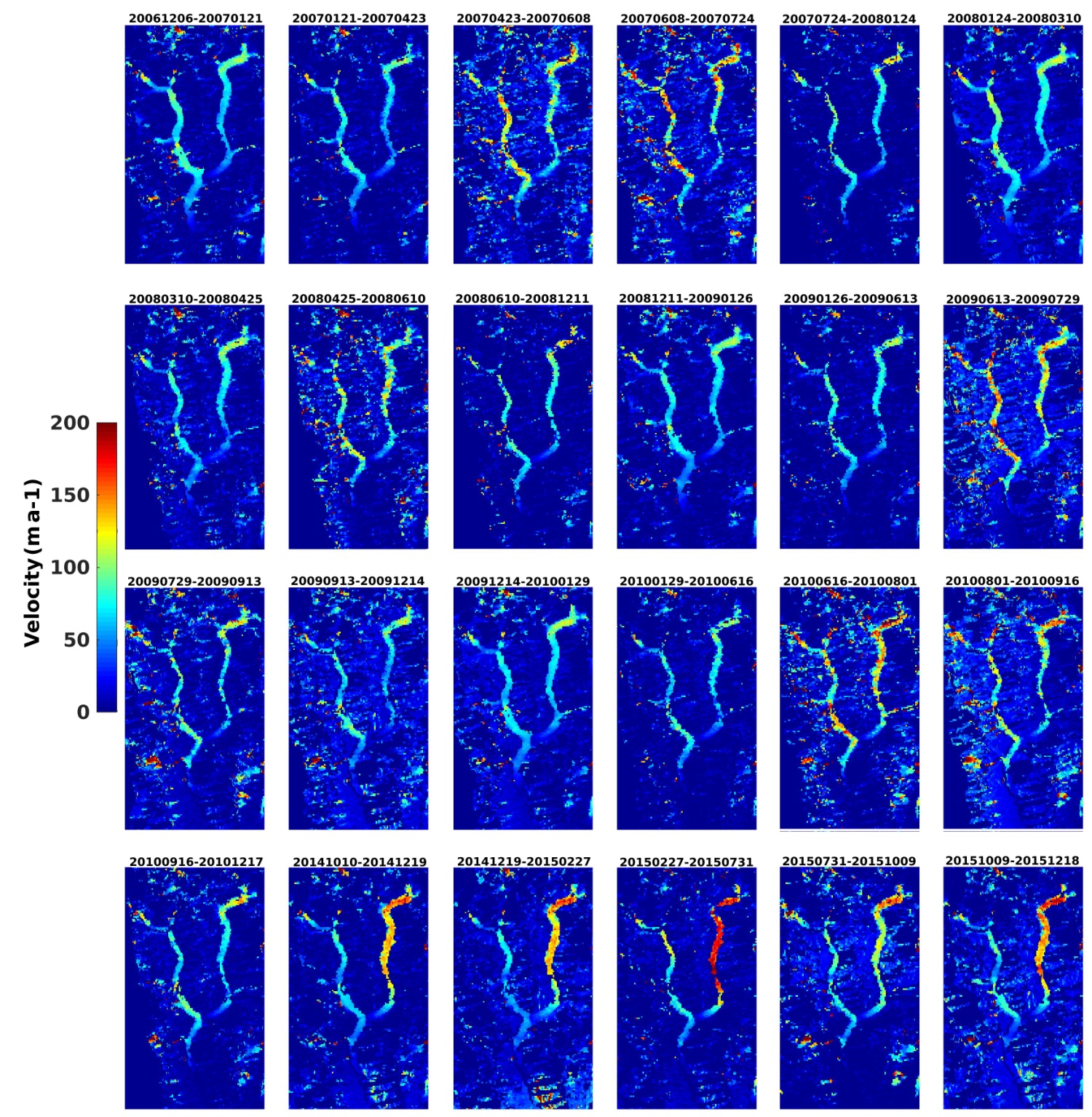


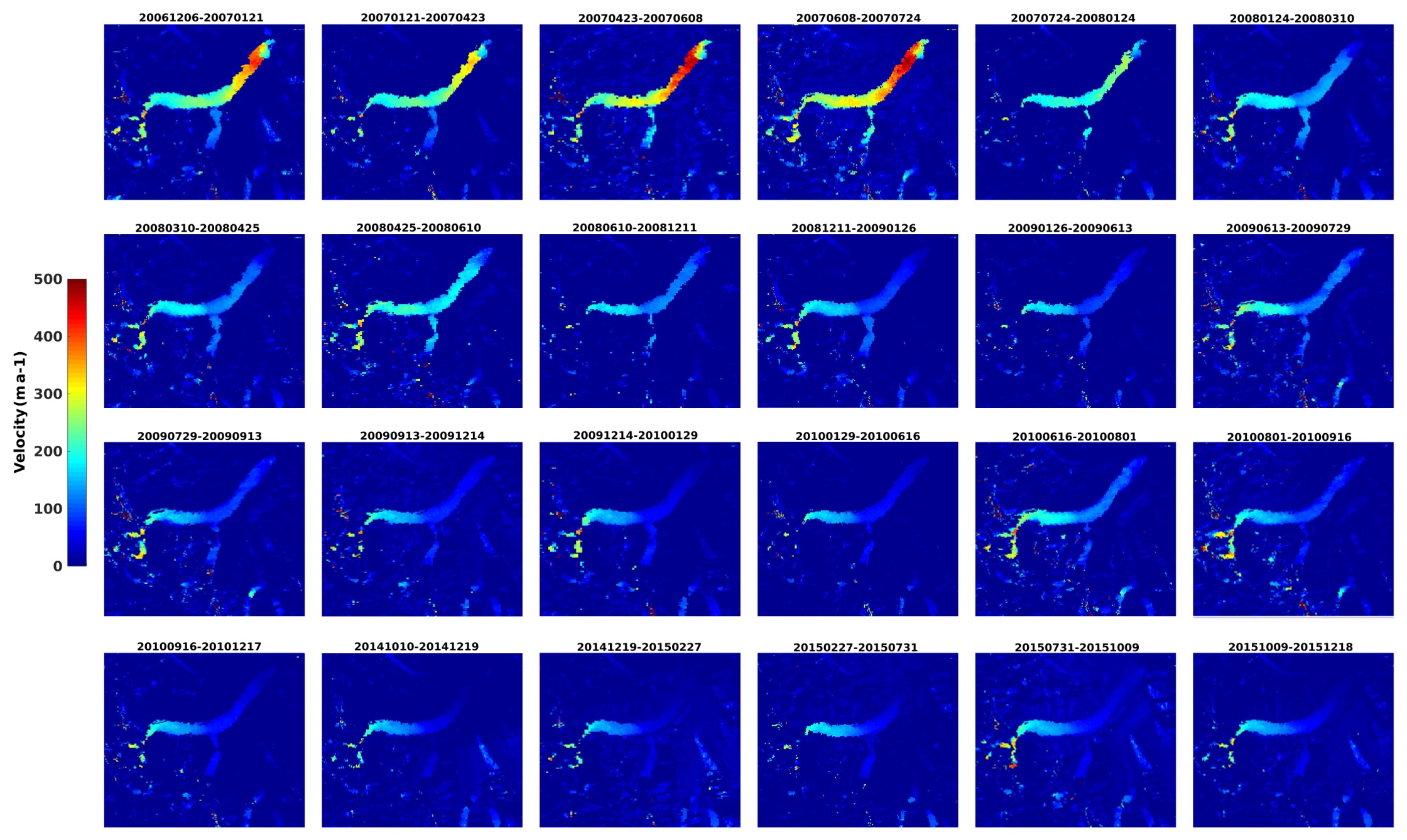
**Figure S1.** Surfacevelocity field of Baltoro Glacier from 2007 to 2015. Green color numbers indicate the temporal baseline for the Right Looking Fine beam mode (with an incident angle of 31.4°).



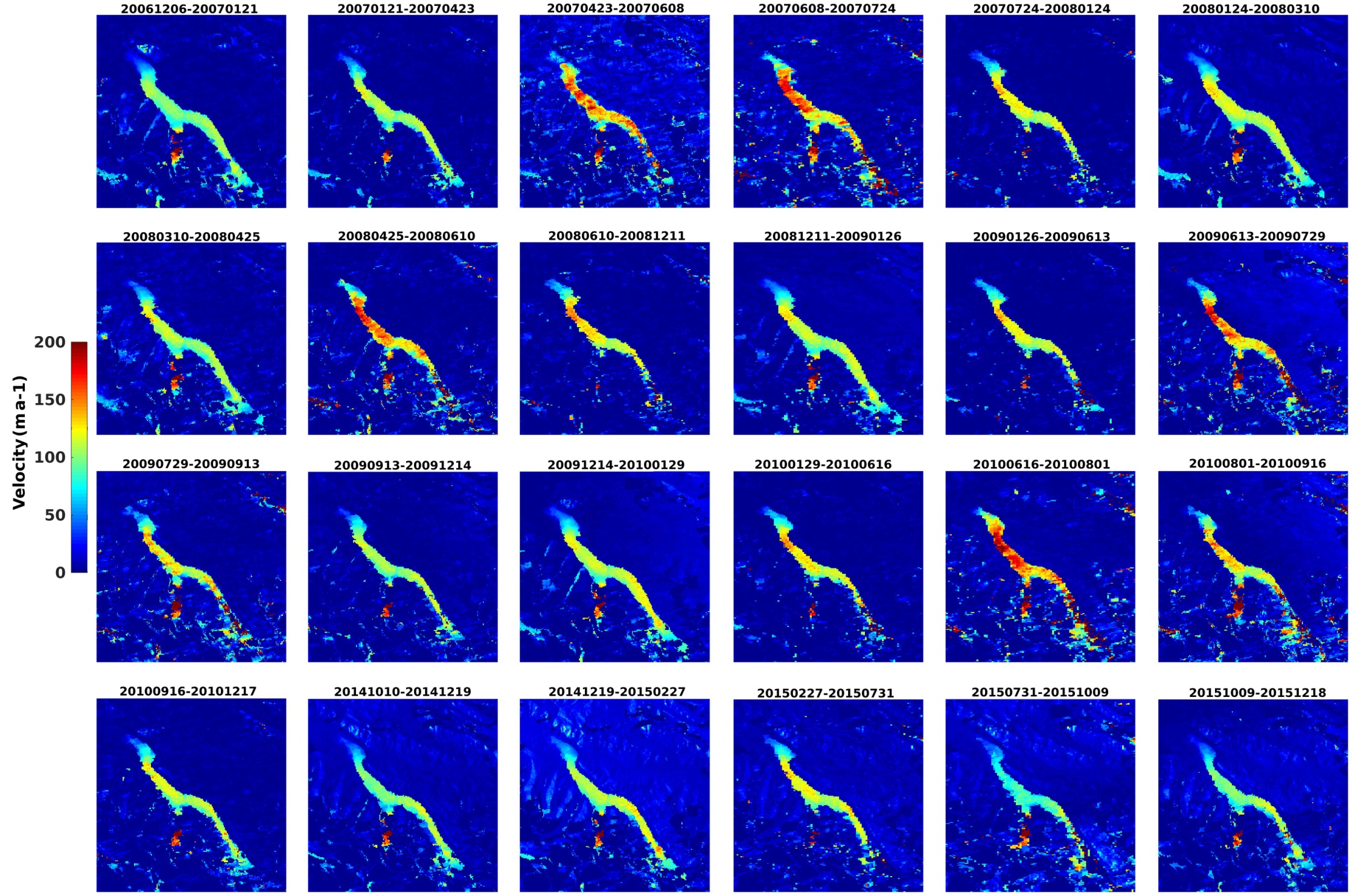
**Figure S2.** Surface velocity field of Siachen Glacier from 2007 to 2015.

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**Figure S3.** Surface velocity field of Kundos Glacier from 2007 to 2015.



**Figure S4.** Surface velocity field of Gasherbrum Glacier from 2007 to 2015.



**Figure S5.** Surface velocity field of Singkhu Glacier from 2007 to 2015.