

**Supplementary material for**

## **Surge-type glaciers in Kalaallit Nunaat (Greenland): distribution, temporal patterns and climatic controls**

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Table S1 - Greenland surge-type glacier inventory

| Inventory ID | GLIMS ID        | RGI ID                   | Glacier name                                       | LAT     | LONG     | Cluster | Glacier type  | Terminus type | Area (km <sup>2</sup> ) | Surge index | RGI surge index | Sources  |
|--------------|-----------------|--------------------------|--|---------|----------|---------|---------------|---------------|-------------------------|-------------|-----------------|--|
| S001         | G315572E60586N  | RG160-05.04143           | Sermersuaq/1AB06001                                | 60.5860 | -44.4280 | South   | Outlet (IS)   | Marine        | 29.9                    | 3           | 9               | Leclercq et al. (2021)   |
| S002         | G315533E60785N  | -                        | 1AC07021   | 60.7850 | -44.4672 | South   | Outlet (IS)   | Marine        | 86.1                    | 1           | 9               | Weidick et al. (1992)  |
| S003         | G315510E60804N  | -                        | Sermeq/1AC07020                                    | 60.8043 | -44.4900 | South   | Outlet (IS)   | Marine        | 94.9                    | 1           | 9               | Weidick (1988); Sevestre and Benn (2015)   |
| S004         | G313850E61277N  | -                        | Eqalorutit Kiliit Sermiat/1AH06002                 | 61.2765 | -46.1501 | South   | Outlet (IS)   | Marine        | 641.2                   | 1           | 9               | Weidick (1988)   |
| S005         | G314117E1389N   | -                        | 1AH08002   | 61.3885 | -48.8627 | South   | Outlet (IS)   | Land          | 219.3                   | 2           | 9               | This study   |
| S006         | G30924E63817N   | RG160-05.07053           | 1CF09002   | 63.8165 | -50.7545 | South   | Outlet (IC/F) | Land          | 21.9                    | 1           | 2               | Weidick et al. (1992)  |
| S007         | RG30765E68095N  | RG160-05.00800           | Taaerast Sermiat/1DF11005                          | 66.0945 | -66.0945 | South   | Outlet (IC/F) | Marine        | 246.8                   | 9           | 9               | Weidick et al. (1992)  |
| W001         | G306582E69504N  | RG160-05.01027 (part of) | 1HB16010   | 69.5040 | -53.4180 | West    | Outlet (IC/F) | Land          | 1.5                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W002         | RG307040E69541N | RG160-05.01335           | C.A. Nielsen Braer/1HB16047                        | 69.5406 | -52.9599 | West    | Outlet (IC/F) | Land          | 32.4                    | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W003         | G307148E69623N  | RG160-05.01358           | Steenstrup Gletsjer/1HB16020                       | 69.6229 | -52.8520 | West    | Outlet (IC/F) | Land          | 60.0                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W004         | G305605E69613N  | RG160-05.01109           | 1HB07004   | 69.6127 | -54.3947 | West    | Mountain      | Land          | 1.8                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W005         | G305566E69628N  | RG160-05.01108 (part of) | 1HC05004   | 69.6284 | -54.4337 | West    | Mountain      | Land          | 3.6                     | 1           | 2               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W006         | G306903E69629N  | RG160-05.01313           | 1HB15039   | 69.6292 | -53.0968 | West    | Outlet (IC/F) | Land          | 12.1                    | 1           | 2               | Weidick et al. (1992)  |
| W007         | G305553E69640N  | RG160-05.01108 (part of) | 1HC05006   | 69.6393 | -54.4464 | West    | Mountain      | Land          | 2.2                     | 1           | 2               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W008         | G305508E69642N  | RG160-05.01131           | 1HC05007   | 69.6417 | -54.4917 | West    | Mountain      | Land          | 3.4                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W009         | G307522E69651N  | RG160-05.01314           | 1HE01011/1HE01010                                  | 69.6511 | -52.4779 | West    | Outlet (IC/F) | Land          | 5.1                     | 1           | 2               | Weidick et al. (1992)  |
| W010         | RG307024E69658N | RG160-05.01470           | 1HB16017   | 69.6580 | -52.9757 | West    | Outlet (IC/F) | Land          | 25.2                    | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W011         | G307471E69673N  | RG160-05.01309           | 1HE01015   | 69.6729 | -52.5286 | West    | Outlet (IC/F) | Land          | 9.8                     | 1           | 2               | Weidick et al. (1992)  |
| W012         | G306236E69652N  | RG160-05.01118           | 1HB11011   | 69.6816 | -53.7642 | West    | Mountain      | Land          | 0.7                     | 2           | 9               | This study; Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W013         | G306842E69653N  | RG160-05.01302           | 1HB15031   | 69.6925 | -53.1502 | West    | Outlet (IC/F) | Land          | 1.4                     | 1           | 2               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W014         | G306576E69693N  | RG160-05.01127 (part of) | 1HB15005   | 69.6929 | -53.4239 | West    | Outlet (IC/F) | Land          | 5.0                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W015         | G306243E69697N  | RG160-05.01152 (part of) | 1HB11013   | 69.6968 | -53.7571 | West    | Outlet (IC/F) | Land          | 1.2                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W016         | G306980E69700N  | RG160-05.01371           | Sermersuaq   | 69.6998 | -53.0200 | West    | Outlet (IC/F) | Land          | 45.8                    | 2           | 9               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W017         | G306235E69706N  | RG160-05.01152           | 1HB11014   | 69.7064 | -53.7651 | West    | Outlet (IC/F) | Land          | 1.8                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W018         | G306553E69709N  | RG160-05.01127 (part of) | 1HB15008   | 69.7090 | -53.4470 | West    | Outlet (IC/F) | Land          | 5.0                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W019         | G305836E69713N  | RG160-05.01211           | 1HC04019   | 69.7128 | -56.7128 | West    | Mountain      | Land          | 1.4                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W020         | G306230E69719N  | RG160-05.01152 (part of) | 1HB11015   | 69.7190 | -53.7707 | West    | Outlet (IC/F) | Land          | 1.4                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W021         | G305902E69730N  | RG160-05.01215           | 1HB10008   | 69.7301 | -54.0981 | West    | Mountain      | Land          | 3.6                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W022         | G307166E69739N  | RG160-05.01355           | Moltke Gletsjer/1HE01024                           | 69.7386 | -52.8339 | West    | Outlet (IC/F) | Land          | 76.2                    | 2           | 2               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W023         | G306118E69743N  | RG160-05.01403           | 1HB10027   | 69.7433 | -53.8819 | West    | Outlet (IC/F) | Land          | 17.8                    | 3           | 2               | This study; Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W024         | G306425E69747N  | RG160-05.01441           | 1HB11029   | 69.7471 | -53.5755 | West    | Outlet (IC/F) | Land          | 34.7                    | 2           | 2               | Weidick (1988); Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)                            |
| W025         | G306544E69748N  | RG160-05.01468 (part of) | 1HB15009   | 69.7475 | -53.4562 | West    | Outlet (IC/F) | Land          | 2.9                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W026         | G306520E69752N  | RG160-05.01468 (part of) | 1HB11033   | 69.7520 | -53.4800 | West    | Outlet (IC/F) | Land          | 1.7                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W027         | G306567E69750N  | RG160-05.01396           | Sorte Høik Gletsjer/1HB15029                       | 69.7587 | -53.0129 | West    | Outlet (IC/F) | Land          | 71.3                    | 2           | 3               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W028         | G305672E69760N  | RG160-05.01223           | 1HC03013   | 69.7601 | -54.3276 | West    | Valley        | Land          | 3.4                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W029         | G305768E69761N  | RG160-05.01219           | 1HC03010   | 69.7609 | -54.2318 | West    | Valley        | Land          | 4.7                     | 1           | 2               | This study; Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W030         | G305726E69761N  | RG160-05.01220           | 1HC03011   | 69.7609 | -54.2743 | West    | Valley        | Land          | 3.3                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W031         | G306804E69767N  | RG160-05.01462           | 1HB15018 (part of Kuannersuit Gletsjer/1HB15017)   | 69.7667 | -53.1965 | West    | Outlet (IC/F) | Land          | 17.2                    | 1           | 2               | Weidick et al. (1992)  |
| W032         | G306543E69768N  | RG160-05.01460           | 1HB15012   | 69.7682 | -53.4572 | West    | Valley        | Land          | 8.8                     | 3           | 2               | Weidick (1988); Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)                            |
| W033         | G306040E69770N  | RG160-05.01413           | 1HB10013   | 69.7698 | -53.9600 | West    | Valley        | Land          | 4.6                     | 3           | 3               | Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)  |
| W034         | G306224E69774N  | RG160-05.01410           | 1HB10035   | 69.7735 | -53.7758 | West    | Outlet (IC/F) | Land          | 4.4                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W035         | G305860E69779N  | RG160-05.01216           | Sermia/1HD07040                                    | 69.7793 | -54.1402 | West    | Valley        | Land          | 5.3                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W036         | G306014E69787N  | RG160-05.01408           | 1HB10012   | 69.7872 | -53.9864 | West    | Valley        | Land          | 3.2                     | 3           | 9               | This study   |
| W037         | G306599E69788N  | RG160-05.01452 (part of) | 1HB15013 (W) (part of same glacier system as W040) | 69.7880 | -53.4010 | West    | Outlet (IC/F) | Land          | 14.0                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W038         | G306345E69789N  | RG160-05.01393           | 1HB10036   | 69.7888 | -53.6549 | West    | Outlet (IC/F) | Land          | 34.5                    | 3           | 2               | Weidick (1988); Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)                            |
| W039         | G307189E69805N  | RG160-05.01298           | 1HE01036   | 69.8051 | -52.8106 | West    | Outlet (IC/F) | Land          | 13.9                    | 3           | 2               | This study; Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W040         | G306206E69807N  | RG160-05.01452 (part of) | 1HB15013 (E) (part of same glacier system as W037) | 69.8070 | -53.4540 | West    | Outlet (IC/F) | Land          | 15.4                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W041         | G306186E69820N  | RG160-05.01396           | 1HD07028   | 69.8202 | -53.0296 | West    | Outlet (IC/F) | Land          | 29.6                    | 2           | 3               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W042         | G306836E69824N  | RG160-05.01456           | Kuannersuit Gletsjer/1HB15017                      | 69.8244 | -53.1643 | West    | Outlet (IC/F) | Land          | 135.3                   | 3           | 3               | This study; Gilbert et al. (2002); Yde et al. (2005, 2019); Yde and Knudsen (2005, 2007); Sevestre and Benn (2015) |
| W043         | G307121E69830N  | RG160-05.01297           | 1HD10038   | 69.8302 | -52.8790 | West    | Outlet (IC/F) | Land          | 25.1                    | 3           | 3               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W044         | G306506E69836N  | RG160-05.01449           | 1HD06041   | 69.8359 | -53.4940 | West    | Outlet (IC/F) | Land          | 29.9                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W045         | G306385E69844N  | RG160-05.01394           | 1HD06042   | 69.8440 | -53.6152 | West    | Outlet (IC/F) | Land          | 6.8                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W046         | G306316E69852N  | RG160-05.01385           | 1HD06046   | 69.8522 | -53.6844 | West    | Outlet (IC/F) | Land          | 8.6                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W047         | G306063E69864N  | RG160-05.01265           | 1HD07013   | 69.8643 | -53.9373 | West    | Mountain      | Land          | 1.9                     | 1           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W048         | G306257E69865N  | RG160-05.01388           | 1HD06048   | 69.8645 | -53.7433 | West    | Outlet (IC/F) | Land          | 6.6                     | 3           | 2               | This study; Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W049         | G306156E69871N  | RG160-05.01383           | 1HD07018   | 69.8714 | -53.8445 | West    | Outlet (IC/F) | Land          | 10.3                    | 3           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W050         | G306604E69872N  | RG160-05.01447           | 1HD06035   | 69.8718 | -53.3960 | West    | Outlet (IC/F) | Land          | 24.3                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W051         | G306212E69885N  | RG160-05.01378           | 1HD06051   | 69.8845 | -53.7885 | West    | Outlet (IC/F) | Land          | 4.9                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W052         | G306768E69892N  | RG160-05.01457           | 1HE09044   | 69.8915 | -53.2320 | West    | Outlet (IC/F) | Land          | 16.8                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W053         | G306165E69900N  | RG160-05.01376           | 1HD06053   | 69.9000 | -53.8346 | West    | Valley        | Land          | 2.7                     | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W054         | G306077E69901N  | RG160-05.01375           | 1HD07022   | 69.9011 | -53.9023 | West    | Valley        | Land          | 7.5                     | 3           | 2               | This study   |
| W055         | G306816E69920N  | RG160-05.01432           | 1HE09042   | 69.9201 | -53.1841 | West    | Valley        | Land          | 2.3                     | 1           | 9               | Yde and Knudsen (2007)   |
| W056         | G306128E69921N  | RG160-05.01473           | 1HD06055   | 69.9206 | -53.8717 | West    | Valley        | Land          | 1.4                     | 2           | 9               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W057         | G306589E69921N  | RG160-05.01373 (part of) | 1HE09050   | 69.9212 | -53.4108 | West    | Outlet (IC/F) | Land          | 6.8                     | 3           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W058         | G306423E69933N  | RG160-05.01556           | 1HD06030   | 69.9334 | -53.5774 | West    | Valley        | Land          | 10.7                    | 3           | 9               | Weidick (1988); Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)                            |
| W059         | G306359E69941N  | RG160-05.01549           | 1HD06026   | 69.9408 | -53.6413 | West    | Valley        | Land          | 6.8                     | 1           | 2               | Weidick et al. (1992)  |
| W060         | G306544E69944N  | RG160-05.01553           | 1HE09051   | 69.9436 | -53.4559 | West    | Valley        | Land          | 12.8                    | 3           | 2               | This study; Weidick (1988); Weidick et al. (1992); Yde and Knudsen (2007); Sevestre and Benn (2015)                |
| W061         | G306406E69975N  | RG160-05.01540           | 1HE09062   | 69.9746 | -53.5944 | West    | Valley        | Land          | 12.2                    | 2           | 2               | Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W062         | G306308E69998N  | RG160-05.01588           | 1HE09078   | 69.9977 | -53.6924 | West    | Valley        | Land          | 16.3                    | 3           | 9               | This study; Yde and Knudsen (2007)   |
| W063         | G306186E70006N  | RG160-05.01585           | 1HE09083   | 70.0059 | -53.8138 | West    | Valley        | Land          | 5.4                     | 3           | 2               | This study; Yde and Knudsen (2007); Sevestre and Benn (2015)   |
| W064         | G306254E70013N  | RG160-05.01586           | 1HE09081   | 70.0125 | -53.7459 | West    | Valley        | Land          | 2.1                     | 2           | 9               | This study   |
| W065         | G305706E70026N  | RG160-05.01638           | 1HD04007   | 70.0280 | -54.29   |         |               |               |                         |             |                 |  |

Table S1 - Greenland surge-type glacier inventory

Lovel and others: Surge-type glaciers in Kalaallit Nunaat (Greenland): distribution, temporal patterns and climatic controls

| Inventory ID | GLIMS ID       | RGI ID                   | Glacier name   | LAT     | LONG     | Cluster | Glacier type  | Terminus type | Area (km <sup>2</sup> ) | Surge index | RGI surge index | Sources  |
|--------------|----------------|--------------------------|--|---------|----------|---------|---------------|---------------|-------------------------|-------------|-----------------|--|
| W092         | G308030E70394N | RG160-05.02150           | 1IA02105   | 70.3941 | -51.9699 | West    | Outlet (IC/F) | Land          | 21.7                    | 3           | 9               | This study   |
| W093         | G307948E70447N | RG160-05.02123           | Umiarfiorut Sermia/1IB25002  | 70.4471 | -52.0517 | West    | Outlet (IC/F) | Land          | 46.3                    | 2           | 9               | This study   |
| W094         | G307754E70447N | RG160-05.02132           | 1IA02090   | 70.4472 | -52.2460 | West    | Outlet (IC/F) | Land          | 46.6                    | 2           | 9               | This study   |
| W095         | G307855E70484N | RG160-05.02117           | Assakaat Sermia/1IB26003   | 70.4839 | -52.1450 | West    | Outlet (IC/F) | Land          | 13.8                    | 3           | 2               | This study; Weidick (1988); Weidick et al. (1992); Sevestre and Benn (2015)  |
| W096         | G307704E70489N | RG160-05.02108           | Kome Gletsjer/1IB29004   | 70.4890 | -52.2958 | West    | Outlet (IC/F) | Land          | 42.0                    | 3           | 2               | This study; Weidick (1988); Weidick et al. (1992); Sevestre and Benn (2015)  |
| W097         | G306957E0519N  | RG160-05.02087           | 1IA02031   | 70.5192 | -53.3425 | West    | Valley        | Land          | 1.3                     | 3           | 9               | This study   |
| W098         | G307817E05222N | RG160-05.02112           | 1IB27003   | 70.5220 | -52.1887 | West    | Valley        | Land          | 25.1                    | 3           | 9               | This study   |
| W099         | G306546E70532N | RG160-05.02213           | 1IA02034   | 70.5323 | -53.4542 | West    | Valley        | Land          | 8.0                     | 3           | 2               | This study; Weidick (1988); Weidick et al. (1992); Sevestre and Benn (2015)  |
| W100         | G307505E70548N | RG160-05.02107           | 1IB30003 E   | 70.5479 | -52.4955 | West    | Valley        | Land          | 26.7                    | 3           | 9               | This study   |
| W101         | G306703E70583N | RG160-05.02216           | 1IA02044   | 70.5829 | -53.2973 | West    | Valley        | Land          | 2.7                     | 3           | 9               | This study   |
| W102         | G306546E70588N | RG160-05.02306           | 1IA02036   | 70.5879 | -53.4543 | West    | Valley        | Land          | 11.2                    | 3           | 9               | This study   |
| W103         | G306384E70594N | RG160-05.02303           | 1IA02008   | 70.5941 | -53.6161 | West    | Valley        | Land          | 9.9                     | 3           | 9               | This study   |
| W104         | G306680E70596N | RG160-05.02297           | 1IA02045   | 70.5959 | -53.3199 | West    | Valley        | Land          | 9.1                     | 3           | 9               | This study   |
| W105         | G307068E70601N | RG160-05.02299           | 1IA02062   | 70.6006 | -52.9317 | West    | Outlet (IC/F) | Land          | 18.4                    | 3           | 9               | This study   |
| W106         | G307297E70603N | RG160-05.02279           | 1IB30003 W   | 70.6030 | -52.7027 | West    | Outlet (IC/F) | Land          | 41.4                    | 2           | 9               | This study   |
| W107         | G306445E70621N | RG160-05.02288           | 1IB40015   | 70.6211 | -53.5549 | West    | Valley        | Land          | 8.7                     | 3           | 9               | This study   |
| W108         | G306682E70664N | RG160-05.02280           | 1IB40002   | 70.6643 | -53.3180 | West    | Valley        | Land          | 12.9                    | 3           | 9               | This study   |
| W109         | G307143E70665N | RG160-05.02315           | 1IB33005   | 70.6648 | -52.8568 | West    | Valley        | Land          | 11.0                    | 3           | 9               | This study   |
| W110         | G306998E70701N | RG160-05.02328           | 1IB34004   | 70.7014 | -53.0019 | West    | Outlet (IC/F) | Land          | 5.0                     | 3           | 9               | This study   |
| W111         | G307173E71231N | RG160-05.02494           | Unknown  | 71.2392 | -52.3275 | West    | Valley        | Land          | 29.4                    | 3           | 9               | This study   |
| W112         | G307917E71273N | RG160-05.02452           | Aapalluttukassaag Kangiani Semikkassak                               | 71.2728 | -52.0835 | West    | Valley        | Land          | 14.6                    | 3           | 9               | This study   |
| W113         | G307936E71318N | RG160-05.02533           | Unknown  | 71.3180 | -52.0840 | West    | Valley        | Land          | 14.2                    | 2           | 9               | This study   |
| W114         | G308059E71327N | RG160-05.02536           | Unknown  | 71.3271 | -51.9412 | West    | Valley        | Land          | 2.9                     | 3           | 9               | This study   |
| W115         | G307473E71758N | RG160-05.02755           | Unknown  | 71.7584 | -52.5271 | West    | Valley        | Land          | 3.2                     | 3           | 9               | This study   |
| W116         | G307157E71782N | RG160-05.02852           | Unknown  | 71.7820 | -52.8428 | West    | Valley        | Land          | 18.6                    | 3           | 9               | This study   |
| W117         | G306428E71865N | RG160-05.03004           | Unknown  | 71.8649 | -53.5724 | West    | Outlet (IC/F) | Land          | 18.6                    | 3           | 9               | This study   |
| W118         | G305848E71865N | RG160-05.02934           | Unknown  | 71.8651 | -54.1521 | West    | Valley        | Land          | 10.6                    | 3           | 9               | This study   |
| W119         | G307595E71977N | RG160-05.02972           | Unknown  | 71.9769 | -52.4054 | West    | Outlet (IS)   | Land          | 62.5                    | 3           | 9               | This study   |
| W120         | G305799E71978N | RG160-05.03127           | Unknown  | 71.9782 | -54.2007 | West    | Outlet (IC/F) | Land          | 33.9                    | 3           | 9               | This study   |
| W121         | G305895E72026N | RG160-05.03116           | Unknown  | 72.0259 | -54.1055 | West    | Outlet (IC/F) | Land          | 24.3                    | 2           | 9               | This study   |
| W122         | G306051E72105N | RG160-05.03167           | Unknown  | 72.1054 | -53.9490 | West    | Valley        | Land          | 4.3                     | 2           | 9               | This study   |
| W123         | G306659E72137N | RG160-05.03240           | Unknown  | 72.1367 | -53.3406 | West    | Valley        | Land          | 13.3                    | 3           | 9               | This study   |
| E001         | G328529E68295N | RG160-05.13071           | Unknown  | 68.2946 | -30.4714 | East    | Valley        | Marine        | 191.0                   | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E002         | G330460E68933N | RG160-05.13130           | Unknown  | 68.3730 | -29.5397 | East    | Valley        | Marine        | 56.6                    | 2           | 9               | Jiskoot et al. (2003)  |
| E003         | G330334E68392N | RG160-05.13127           | Unknown  | 68.3915 | -29.6658 | East    | Valley        | Land          | 19.7                    | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E004         | G330668E68424N | RG160-05.13667 (part of) | Unknown (part of same glacier system as E006 and E008)               | 68.4240 | -29.3320 | East    | Valley        | Marine        | 21.8                    | 2           | 9               | Jiskoot et al. (2003)  |
| E005         | G328779E68438N | -                        | Unknown (part of larger system)                                      | 68.4380 | -31.2210 | East    | Outlet (IC/F) | Marine        | 209.0                   | 2           | 9               | Jiskoot et al. (2003)  |
| E006         | G330640E68461N | RG160-05.13667 (part of) | Unknown (part of same glacier system as E004 and E008)               | 68.4610 | -29.3600 | East    | Valley        | Marine        | 43.2                    | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E007         | G330429E68466N | RG160-05.13423           | Unknown  | 68.4662 | -29.5707 | East    | Valley        | Land          | 38.9                    | 2           | 9               | Jiskoot et al. (2003)  |
| E008         | G330795E68471N | RG160-05.13667 (part of) | Unknown (part of same glacier system as E004 and E006)               | 68.4710 | -29.1661 | East    | Outlet (IC/F) | Marine        | 106.3                   | 3           | 9               | This study; Jiskoot et al. (2003, 2012)  |
| E009         | G329481E68502N | RG160-05.13134           | Unknown  | 68.5023 | -30.5188 | East    | Valley        | Land          | 6.5                     | 3           | 9               | This study   |
| E010         | G330335E68560N | RG160-05.13437           | Unknown  | 68.5602 | -29.6646 | East    | Valley        | Land          | 76.4                    | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E011         | G331844E68576N | RG160-05.13536 (part of) | Borggraven (SW tributary) (part of Borggraven system)                | 68.5760 | -28.1560 | East    | Valley        | Land          | 12.9                    | 3           | 1               | This study; Jiskoot et al. (2003, 2012)  |
| E012         | G331604E68601N | RG160-05.13416           | Unknown  | 68.6008 | -28.3964 | East    | Valley        | Land          | 45.3                    | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E013         | G332267E68608N | RG160-05.13457 (part of) | Unknown  | 68.6080 | -27.7332 | East    | Valley        | Land          | 26.0                    | 2           | 9               | Jiskoot et al. (2003)  |
| E014         | G329089E68624N | -                        | Sorgenfri Gletsjer (N tributary) (part of Sorgenfri Gletsjer system) | 68.6237 | -30.9115 | East    | Outlet (IS)   | Land          | 58.7                    | 2           | 9               | This study; Jiskoot et al. (2003, 2012)  |
| E015         | G330115E68652N | RG160-05.13667 (part of) | Rosenborg Gletsjer (part of Rosenborg Gletsjer system)               | 68.6510 | -29.3870 | East    | Outlet (IS)   | Marine        | 954.7                   | 2           | 9               | This study; Jiskoot et al. (2003, 2012); Kaab et al. (2023)  |
| E016         | G331710E68667N | RG160-05.13442           | Unknown (part of Borggraven system)                                  | 68.6685 | -29.5397 | East    | Valley        | Land          | 75.1                    | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E017         | G330219E68674N | RG160-05.13435           | Unknown  | 68.6737 | -29.7812 | East    | Outlet (IC/F) | Land          | 16.7                    | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E018         | G332182E68674N | RG160-05.13457 (part of) | Unknown  | 68.6743 | -27.8179 | East    | Valley        | Land          | 18.8                    | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E019         | G330076E68679N | RG160-05.13433           | Unknown  | 68.6785 | -29.9241 | East    | Outlet (IC/F) | Land          | 28.9                    | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E020         | G332007E68691N | RG160-05.13536 (part of) | Borggraven (E tributary) (part of Borggraven)                        | 68.6913 | -27.9924 | East    | Valley        | Land          | 19.6                    | 3           | 1               | This study; Jiskoot et al. (2003)  |
| E021         | G332536E68700N | RG160-05.14147           | Unknown  | 68.6997 | -27.4643 | East    | Valley        | Marine        | 82.5                    | 1           | 9               | This study; Jiskoot et al. (2003)  |
| E022         | G332299E68732N | RG160-05.13426           | Unknown  | 68.7318 | -27.7008 | East    | Valley        | Marine        | 177.7                   | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E023         | G333279E68754N | RG160-05.13663           | Unknown  | 68.7541 | -26.7206 | East    | Valley        | Land          | 42.3                    | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E024         | G333073E68783N | RG160-05.13429 (part of) | Sortebræ (SE tributary 1) (part of Sortebræ system)                  | 68.7829 | -26.9262 | East    | Valley        | Land          | 7.5                     | 2           | 1               | Jiskoot et al. (2003)  |
| E025         | G332581E68782N | RG160-05.13429 (part of) | Unknown (part of Sortebræ system)                                    | 68.7832 | -27.4184 | East    | Valley        | Marine        | 325.3                   | 3           | 1               | This study; Jiskoot et al. (2001, 2003); Murray et al. (2002); Sevestre and Benn (2015); Kaab et al. (2023)                          |
| E026         | G330976E68786N | RG160-05.13667 (part of) | Kronborg Gletsjer (W tributary) (part of Kronborg Gletsjer system)   | 68.7880 | -29.0240 | East    | Valley        | Land          | 666.8                   | 3           | 9               | Jiskoot et al. (2003); Leclercq et al. (2021)  |
| E027         | G333494E68792N | RG160-05.13666 (part of) | Johan Petersen (W tributary) (part of Johan Petersen system)         | 68.7920 | -26.5060 | East    | Valley        | Marine        | 38.2                    | 2           | 9               | Jiskoot et al. (2003)  |
| E028         | G333097E68816N | RG160-05.13429 (part of) | Sortebræ (SE tributary 2) (part of Sortebræ system)                  | 68.8160 | -26.9030 | East    | Valley        | Marine        | 9.0                     | 2           | 1               | Jiskoot et al. (2003)  |
| E029         | G333764E68858N | RG160-05.13459 (part of) | Storbræ S (SW tributary) (part of Storbræ system)                    | 68.8557 | -26.2332 | East    | Valley        | Land          | 15.1                    | 2           | 9               | Jiskoot et al. (2003)  |
| E030         | G333644E68868N | RG160-05.13666 (part of) | Johan Petersen (E tributary) (part of Johan Petersen system)         | 68.8684 | -26.3554 | East    | Valley        | Land          | 9.3                     | 2           | 9               | Jiskoot et al. (2003)  |
| E031         | G333367E68882N | RG160-05.13666 (part of) | Johan Petersen (part of Johan Petersen system)                       | 68.8824 | -26.6328 | East    | Valley        | Marine        | 235.2                   | 2           | 9               | This study; Jiskoot et al. (2003); Walsh et al. (2012); Sevestre and Benn (2015)   |
| E032         | G333618E68902N | RG160-05.13666 (part of) | Johan Petersen (N tributary) (part of Johan Petersen system)         | 68.9025 | -26.3825 | East    | Outlet (IC/F) | Land          | 28.7                    | 2           | 9               | This study; Jiskoot et al. (2003)  |
| E033         | G332952E68942N | RG160-05.13429 (part of) | Sortebræ (E tributary) (part of Sortebræ system)                     | 68.9425 | -27.0481 | East    | Valley        | Land          | 59.1                    | 2           | 9               | This study; Jiskoot et al. (2001, 2003); Sevestre and Benn (2015)  |
| E034         | G327468E68958N | -                        | Nordfjord Gletsjer   | 68.9580 | -32.5320 | East    | Outlet (IS)   | Marine        | 541.2                   | 2           | 9               | Jiskoot et al. (2003, 2012)  |
| E035         | G332759E68980N | RG160-05.13429 (part of) | Sortebræ (part of Sortebræ system)                                   | 68.9795 | -27.2411 | East    | Outlet (IS)   | Marine        | 943.4                   | 3           | 1               | This study; Jiskoot et al. (2001, 2003); Murray et al. (2002); Pritchard et al. (2003); Sevestre and Benn (2015); Kaab et al. (2023) |
| E036         | G332806E68808N | RG160-05.13429 (part of) | Sortebræ (W tributary) (part of Sortebræ system)                     | 68.8080 | -27.1940 | East    | Valley        | Land          | 28.8                    | 2           | 1               | This study; Jiskoot et al. (2003)  |
| E037         | G333654E69030N | RG160-05.13499 (part of) | Apuseqq Anittangasikkaajuk/Storbræ S (part of Storbræ system)        | 69.0304 | -26.3461 | East    | Outlet (IS)   | Marine        | 725.3                   | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E038         | G334105E69192N | RG160-05.13655           | Unknown (part of Dendritgletsjer system)                             | 69.1924 | -25.8949 | East    | Outlet (IS)   | Marine        | 335.2                   | 2           | 9               | Jiskoot et al. (2003)  |
| E039         | G334270E69283N | RG160-05.13482           | Unknown  | 69.2825 | -25.7303 | East    | Valley        | Land          | 31.4                    | 3           | 9               | This study   |
| E040         | G334131E69320N | RG160-05.13575 (part of) | Dendritgletsjer (SW) (part of Dendritgletsjer system)                | 69.3207 | -25.8692 | East    | Outlet (IS)   | Marine        | 10.162                  | 2           | 2               | This study; Jiskoot et al. (2003)  |
| E041         | G333401E69321N | RG160-05.13575 (part of) | Dendritgletsjer (part of Dendritgletsjer system)                     | 69.3210 | -26.5990 | East    | Outlet (IS)   | Marine        | 2608.2                  | 2           | 2               | This study; Weidick (1995); Jiskoot et al. (2003); Sevestre and Benn (2015)  |
| E042         | G334274E69460N | RG160-05.13575 (part of) | Dendritgletsjer (W tributary) (part of Dendritgletsjer system)       | 69.4597 | -25.7259 | East    | Outlet (IS)   | Marine        | 250.4                   | 2           | 2               | This study; Jiskoot et al. (2003)  |
| E043         | G334042E69500N | RG160-05.13577 (part of) | Dendritgletsjer (N tributary) (part of Dendritgletsjer system)       | 69.6905 | -25.1161 | East    | Outlet (IC/F) | Marine        | 465.0                   | 2           | 2               | This study; Jiskoot et al. (2003, 2012)  |
| E044         | G335220E69731N | RG160-05.13717 (part of) | Bartholin Bræ (W) (part of Bartholin Bræ system)                     | 69.7910 | -24.7800 | East    | Outlet (IC/F) | Land          | 475.0                   | 2           | 9               | This study; Jiskoot et al. (2003, 2012)  |
| E045         | G335247E69850N | RG160-05.13717 (part of) | Bartholin Bræ (E) (part of Bartholin Bræ system)                     | 69.8500 | -24.7530 | East    | Outlet (IC/F) | Marine        | 592.8                   | 3           | 9               | This study; Jiskoot et al. (2003, 2012)  |
| E046         | G336006E69900N | RG160-05.13505           | Steno Bræ  | 69.9001 | -23.9944 | East    | Outlet (IC/F) | Marine        | 359.8                   | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E047         | G330936E69934N | RG160-05.14872           | Gåsegletsjer   | 69.9341 | -29.0638 | East    | Outlet (IS)   | Land          | 523.5                   | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E048         | G331558E69996N | RG160-05.13665           | Unknown  | 69.9963 | -28.4423 | East    | Outlet (IC/F) | Land          | 12.5                    | 3           | 9               | This study   |
| E049         | G336622E69997N | RG160-05.13568           | Torvgletsjer   | 69.9968 | -23.3778 | East    | Outlet (IC/F) | Marine        | 362.6                   | 2           | 9               | Rucklidge (1966); Jiskoot et al. (2003, 2012)  |
| E050         | G331839E70008N | RG160-05.13635           | Unknown  | 70.0076 | -28.1608 | East    | Outlet (IC/F) | Land          | 9.3                     | 3           | 9               | This study   |
| E051         | G337380E70010N | RG160-05.13471           | Unknown  | 70.0099 | -22.6198 | East    | Valley        | Marine        | 26.8                    | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E052         | G332885E70013N | RG160-05.13718           | Unknown  | 70.0131 | -27.1146 | East    | Outlet (IC/F) | Land          | 3.9                     | 3           | 9               | This study; Jiskoot et al. (2003)  |
| E05          |                |                          |  |         |          |         |               |               |                         |             |                 |  |

| Inventory ID | GLIMS ID       | RGI ID                   | Glacier name  | LAT     | LONG     | Cluster | Glacier type  | Terminus type | Area (km <sup>2</sup> ) | Surge index | RGI surge index | Sources   |
|--------------|----------------|--------------------------|---|---------|----------|---------|---------------|---------------|-------------------------|-------------|-----------------|---|
| E067         | G334439E70307N | RG160-05.13451           | Unknown   | 70.3068 | -25.5606 | East    | Outlet (IC/F) | Marine        | 42.3                    | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E068         | G332664E70338N | RG160-05.15242           | Calcidalen Gletscher  | 70.3383 | -27.3362 | East    | Outlet (IC/F) | Land          | 100.2                   | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E069         | G331395E70370N | RG160-05.15184           | Unknown   | 70.3701 | -28.6045 | East    | Outlet (IC/F) | Land          | 68.5                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E070         | G332848E70387N | RG160-05.15236           | Unknown   | 70.3866 | -27.1524 | East    | Valley        | Land          | 5.9                     | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E071         | G333114E70753N | RG160-05.15488           | Unknown   | 70.7526 | -26.8857 | East    | Outlet (IC/F) | Land          | 38.5                    | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E072         | G333613E70810N | RG160-05.15467           | Korridøren (W)  | 70.8097 | -26.3872 | East    | Outlet (IC/F) | Marine        | 158.2                   | 1           | 9               | This study; Jiskoot et al. (2003)   |
| E073         | G334001E70848N | RG160-05.15461           | Korridøren (E)  | 70.8475 | -25.9987 | East    | Outlet (IC/F) | Land          | 134.2                   | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E074         | G334189E70910N | RG160-05.15456           | Unknown   | 70.9102 | -25.8110 | East    | Outlet (IC/F) | Land          | 29.3                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E075         | G333207E70982N | RG160-05.16139           | Unknown   | 70.9823 | -26.7935 | East    | Outlet (IC/F) | Land          | 37.3                    | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E076         | G333002E70988N | RG160-05.16133           | Unknown   | 70.9881 | -26.9981 | East    | Outlet (IC/F) | Land          | 33.3                    | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E077         | G331508E71028N | -                        | Unknown   | 71.0275 | -28.4925 | East    | Outlet (IS)   | Marine        | 5170.0                  | 2           | 9               | This study; Weidick (1995); Jiskoot et al. (2003)   |
| E078         | G333582E71033N | RG160-05.16137           | Unknown   | 71.0325 | -26.4180 | East    | Outlet (IC/F) | Land          | 15.4                    | 3           | 9               | This study  |
| E079         | G333591E71149N | RG160-05.16072 (part of) | Edward Bailey Gletsjer (W) (part of Edward Bailey Gletsjer) | 71.1488 | -26.4082 | East    | Outlet (IC/F) | Lake          | 290.1                   | 2           | 9               | Jiskoot et al. (2003)   |
| E080         | G331831E71165N | -                        | Eielson Gletsjer  | 71.1653 | -28.1686 | East    | Outlet (IS)   | Marine        | 3700.2                  | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E081         | G333791E71191N | RG160-05.16072 (part of) | Edward Bailey Gletsjer (E) (part of Edward Bailey Gletsjer) | 71.1911 | -26.2087 | East    | Outlet (IC/F) | Land          | 362.0                   | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E082         | G333795E71323N | RG160-05.16061           | Apusinigajik  | 71.3234 | -26.2049 | East    | Outlet (IC/F) | Land          | 189.8                   | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E083         | G330763E71340N | -                        | Unknown   | 71.3407 | -29.2374 | East    | Outlet (IS)   | Lake          | 230.0                   | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E084         | G333895E71406N | RG160-05.16050           | Unknown   | 71.4062 | -26.1046 | East    | Outlet (IC/F) | Land          | 35.7                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E085         | G331351E71426N | RG160-05.15937           | Unknown   | 71.4255 | -26.6495 | East    | Outlet (IC/F) | Land          | 90.5                    | 3           | 9               | This study  |
| E086         | G330432E71432N | -                        | Freuchen Gletsjer   | 71.4323 | -25.5081 | East    | Outlet (IS)   | Lake          | 120.0                   | 2           | 9               | This study  |
| E087         | G334613E71560N | RG160-05.17155           | Unknown (part of Oxford Gletsjer)                           | 71.5600 | -25.3873 | East    | Valley        | Land          | 16.6                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E088         | G334937E71599N | RG160-05.17139           | Unknown   | 71.5822 | -25.0628 | East    | Valley        | Land          | 26.7                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E089         | G334740E71596N | RG160-05.17200           | Oxford Gletsjer   | 71.5859 | -25.2602 | East    | Valley        | Land          | 52.0                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E090         | G334521E71594N | RG160-05.17150 (part of) | Løberen (E tributary) (part of Løberen)                     | 71.5943 | -25.4795 | East    | Valley        | Land          | 8.0                     | 3           | 3               | This study  |
| E091         | G334470E71600N | RG160-05.17150 (part of) | Løberen   | 71.6003 | -25.5303 | East    | Valley        | Land          | 62.0                    | 3           | 3               | This study; Henrison and Watt (1968); Olesen and Reeh (1969); Rutishauser (1971); Weidick (1995); Jiskoot et al. (2003); Sevestre and Benn (2015) |
| E092         | G335124E71666N | RG160-05.17177           | Bjørnbo Gletsjer  | 71.6664 | -24.8763 | East    | Valley        | Land          | 288.4                   | 3           | 2               | This study; Rutishauser (1971); Jiskoot et al. (2003); Sevestre and Benn (2015)   |
| E093         | G333831E71684N | RG160-05.17132           | Unknown   | 71.6838 | -26.1688 | East    | Outlet (IC/F) | Land          | 60.3                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E094         | G335250E71695N | RG160-05.17159           | Unknown   | 71.6945 | -24.7497 | East    | Outlet        | Land          | 18.6                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E095         | G334216E71698N | RG160-05.17145 (part of) | Borgbjerg Gletsjer (E) (part of Borgbjerg Gletsjer)         | 71.6982 | -25.7842 | East    | Outlet (IC/F) | Land          | 253.5                   | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E096         | G334051E71716N | RG160-05.17145 (part of) | Borgbjerg Gletsjer (W) (part of Borgbjerg Gletsjer)         | 71.7163 | -25.9486 | East    | Outlet (IC/F) | Land          | 171.7                   | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E097         | G335200E71800N | RG160-05.17178 (part of) | Roslin Gletsjer   | 71.7999 | -24.7999 | East    | Valley        | Land          | 171.5                   | 3           | 3               | This study; Colvill (1984); Woodward et al. (2002); Jiskoot et al. (2003); Sevestre and Benn (2015)   |
| E098         | G335201E71871N | RG160-05.17176           | Gamnochy Gletsjer   | 71.8706 | -24.7989 | East    | Valley        | Land          | 35.0                    | 2           | 9               | This study; Smart (1968); Jiskoot et al. (2003)   |
| E099         | G335932E71895N | RG160-05.17071           | Aldebaran Gletsjer  | 71.8948 | -24.0677 | East    | Valley        | Land          | 22.6                    | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E100         | G335000E71900N | RG160-05.17178 (part of) | Dalmore Gletsjer (part of Roslin Gletsjer)                  | 71.9000 | -25.0000 | East    | Valley        | Land          | 34.5                    | 2           | 3               | This study; Colvill (1984); Woodward et al. (2002); Jiskoot et al. (2003); Sevestre and Benn (2015)   |
| E101         | G334487E71915N | RG160-05.17192           | Spærregletsjer  | 71.9145 | -25.5134 | East    | Valley        | Marine        | 156.4                   | 2           | 9               | This study  |
| E102         | G335939E71927N | RG160-05.17163           | Sirius Gletsjer   | 71.9274 | -24.0613 | East    | Valley        | Land          | 46.4                    | 3           | 3               | This study; Woodward et al. (2002); Jiskoot et al. (2003); Sevestre and Benn (2015)   |
| E103         | G335418E71963N | RG160-05.17229           | Unknown   | 71.9629 | -24.5824 | East    | Valley        | Land          | 34.3                    | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E104         | G335162E71964N | RG160-05.17160           | Storgletsjer  | 71.9640 | -24.8384 | East    | Valley        | Land          | 144.3                   | 3           | 9               | This study; Jiskoot et al. (2003)   |
| E105         | G336036E71975N | RG160-05.17049           | Østre Gletsjer  | 71.9753 | -23.9644 | East    | Valley        | Land          | 43.2                    | 3           | 2               | This study; Woodward et al. (2002); Sevestre and Benn (2015)  |
| E106         | G334634E71988N | RG160-05.17070           | Krabbelegtsjer  | 71.9875 | -25.3661 | East    | Valley        | Marine        | 19.2                    | 3           | 9               | This study  |
| E107         | G335513E72006N | RG160-05.17199           | Schuchert Gletsjer  | 72.0063 | -24.4872 | East    | Valley        | Land          | 148.6                   | 2           | 9               | This study; Jiskoot et al. (2003)   |
| E108         | G335563E72066N | RG160-05.17057           | Skelbræ   | 72.0659 | -24.4369 | East    | Valley        | Land          | 66.9                    | 2           | 9               | This study  |
| E109         | G334314E72110N | RG160-05.17010           | Unknown   | 72.1099 | -25.6858 | East    | Outlet (IC/F) | Land          | 25.3                    | 3           | 9               | This study  |
| E110         | G334184E72124N | RG160-05.17047           | Sydvestgletsjer   | 72.1236 | -25.8165 | East    | Outlet (IC/F) | Land          | 51.5                    | 2           | 9               | This study  |
| E111         | G335293E72137N | RG160-05.17171           | Bersærkerbræ  | 72.1369 | -24.7069 | East    | Valley        | Land          | 114.3                   | 2           | 9               | This study; Friese-Greene and Pert (1965)   |
| E112         | G332216E72175N | RG160-05.16807           | Unknown   | 72.1747 | -27.7845 | East    | Outlet (IS)   | Land          | 258.3                   | 3           | 9               | This study  |
| E113         | G334024E72192N | RG160-05.17042           | Sandgletsjer  | 72.1920 | -25.9764 | East    | Outlet (IC/F) | Land          | 32.2                    | 3           | 9               | This study  |
| E114         | G335329E72221N | RG160-05.17053           | Skjoldungebræ   | 72.2206 | -24.6708 | East    | Valley        | Land          | 124.9                   | 3           | 9               | This study  |
| E115         | G333735E72257N | RG160-05.17052           | Snedrivgletsjer   | 72.2569 | -26.2651 | East    | Outlet (IC/F) | Land          | 162.8                   | 2           | 9               | This study  |
| E116         | G335410E72273N | RG160-05.17116           | Sortesiv Gletsjer   | 72.2730 | -24.5902 | East    | Valley        | Land          | 25.6                    | 3           | 9               | This study  |
| E117         | G335076E72236N | RG160-05.17198           | Linné Gletsjer  | 72.3052 | -24.9309 | East    | Valley        | Land          | 48.5                    | 3           | 9               | This study  |
| E118         | G335526E72314N | RG160-05.17877           | Krypl Gletsjer  | 72.3143 | -24.4737 | East    | Valley        | Land          | 3.0                     | 3           | 9               | This study  |
| E119         | G334237E72660N | RG160-05.18746           | Unknown   | 72.6595 | -25.7629 | East    | Valley        | Land          | 52.9                    | 2           | 9               | This study  |
| E120         | G331723E72887N | RG160-05.18973           | Unknown   | 72.8865 | -28.2770 | East    | Outlet (IC/F) | Land          | 173.8                   | 2           | 9               | This study  |
| E121         | G333869E72887N | RG160-05.18917           | Østre Spærregletsjer  | 72.8873 | -26.1314 | East    | Outlet (IC/F) | Land          | 31.9                    | 3           | 9               | This study  |
| E122         | G333661E72888N | RG160-05.18903           | Vestre Spærregletsjer                                       | 72.8876 | -26.3386 | East    | Outlet (IC/F) | Land          | 56.5                    | 2           | 9               | This study  |
| E123         | G333883E73036N | RG160-05.19189           | Unknown   | 73.0359 | -26.1174 | East    | Outlet (IC/F) | Land          | 55.0                    | 3           | 9               | This study  |
| E124         | G332133E73047N | RG160-05.18977           | Mercanton Gletsjer  | 73.0469 | -27.8673 | East    | Outlet (IC/F) | Land          | 53.2                    | 3           | 9               | This study  |
| E125         | G333446E73048N | RG160-05.19143           | IsPASSagen  | 73.0482 | -26.5538 | East    | Outlet (IC/F) | Land          | 12.0                    | 3           | 9               | This study  |
| E126         | G333831E73107N | RG160-05.19132           | Sonklargletsjer   | 73.1072 | -26.1692 | East    | Outlet (IC/F) | Land          | 52.6                    | 2           | 9               | This study  |
| E127         | G331043E73439N | -                        | Unknown   | 73.4392 | -28.9566 | East    | Outlet (IS)   | Land          | 115.0                   | 2           | 9               | This study  |
| E128         | G331899E73541N | RG160-05.19065           | Unknown   | 73.5410 | -28.1013 | East    | Outlet (IC/F) | Land          | 51.6                    | 3           | 9               | This study  |
| E129         | G333635E73848N | RG160-05.19751           | Unknown   | 73.8459 | -23.6475 | East    | Valley        | Land          | 14.9                    | 3           | 9               | This study  |
| E130         | G333238E73858N | RG160-05.20114           | Unknown   | 73.8581 | -26.7643 | East    | Outlet (IC/F) | Land          | 170.7                   | 3           | 9               | This study  |
| E131         | G333446E73907N | RG160-05.20112           | Unknown   | 73.9066 | -26.5541 | East    | Outlet (IC/F) | Land          | 15.7                    | 3           | 9               | This study  |
| E132         | G333194E73954N | RG160-05.20140           | Unknown   | 73.9540 | -26.8062 | East    | Valley        | Land          | 25.4                    | 3           | 9               | This study  |
| N001         | G336797E76314N | -                        | L. Bistrup Bræ  | 76.3142 | -23.2027 | North   | Outlet (IS)   | Marine        | 21868.0                 | 3           | 9               | Koch and Wegener (1930); Hill et al. (2017); Mouginit et al. (2018)   |
| N002         | G292374E76580N | -                        | Ulip Sermia/Harald Moltke Bræ                               | 76.5797 | -67.6260 | North   | Outlet (IS)   | Marine        | 1401.3                  | 3           | 9               | Mock (1966); Weidick et al. (1995); Rignot and Kanagaratnam (2006); Murray et al. (2015); Sevestre and Benn (2015); Hill et al. (2017)            |
| N003         | G292408E76864N | RG140-05.08054           | Equitissaatstut Sermiat/Knud Rasmussen Gletsjer             | 76.8640 | -67.5920 | North   | Outlet (IC/F) | Marine        | 515.7                   | 3           | 9               | Leclercq et al. (2021)  |
| N004         | G337500E77083N | -                        | Storsømmen  | 77.0833 | -22.4999 | North   | Outlet (IS)   | Marine        | 28859.0                 | 3           | 9               | Reeh et al. (1994, 2003); Rignot and Kanagaratnam (2006); Sevestre and Benn (2015); Mouginit et al. (2018)  |
| N005         | G338096E77464N | -                        | Kofoed-Hansen Bræ   | 77.4614 | -21.9042 | North   | Outlet (IS)   | Marine        | 74686.0                 | 1           | 9               | Hill et al. (2017)  |
| N006         | G331437E81350N | -                        | Hagen Bræ   | 81.3498 | -28.5630 | North   | Outlet (IS)   | Marine        | 30741.0                 | 3           | 9               | Hill et al. (2017); Solgaard et al. (2020)  |
| N007         | G327422E81504N | -                        | Academy Gletsjer  | 81.5042 | -32.5779 | North   | Outlet (IS)   | Marine        | 6184.0                  | 1           | 9               | Rignot and Kanagaratnam (2006); Hill et al. (2017)  |
| N008         | G309750E81550N | -                        | Ryder Gletsjer  | 81.5500 | -50.2500 | North   | Outlet (IS)   | Marine        | 17265.0                 | 3           | 9               | Joughin et al. (1996); Rignot et al. (2001); Sevestre and Benn (2015); Hill et al. (2017)   |
| N009         | G314885E81775N | -                        | Brikkerne Gletsjer  | 81.7751 | -45.1149 | North   | Outlet (IS)   | Marine        | 2058.0                  | 3           | 9               | Higgins (1991); Rignot et al. (2001); Hill et al. (2017)  |
| N010         | G331218E81833N | RG160-05.10033           | Unknown   | 81.8330 | -28.7620 | North   | Outlet (IC/F) | Land          | 103.2                   | 3           | 9               | Lesclero et al. (2021)  |
| N011         | G344614E81507N | RG160-05.10315 (part of) | Flade Isblink Basin 2 (part of Flade Isblink)               | 81.5065 | -15.3860 | North   | Outlet (IC/F) | Marine        | 636.0                   | 3           | 9               | Rinne et al. (2011); Möller et al. (2022)   |
| N012         | G344631E81507N | RG160-05.10315 (part of) | Flade Isblink Basin 3 (part of Flade Isblink)               | 81.5066 | -15.3683 |         |               |               |                         |             |                 |   |