# Performance of the Antarctic Observing Network (AntON)
# SYNOP

**Surface stations**

This chart shows the status of SYNOP messages on the GTS during 2012, with green representing good performance, off green representing less than 90% of expected messages (acceptable, but not adequate for CLIMAT), yellow less than 80%, amber less than 50% and red less than 10%. Stations shown as white did not transmit in 2011. Note that for AWS transmitting via Argos a normal percentage for real-time transmission is around 70% and the non-real time data is recovered later for use in the CLIMAT message.

| WMO no | Station | GSN | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sub Antarctic stations** (in Region I, III or V) | | | | | | | | | | | | | |
| 61997 | Isle Crozet | X | | | | | | | | | 94 | | | |
| 61998 | Isle Kerguelen | X | | | | | | | 89 | | | | | |
| 68906 | Gough Island | X | | | | | | | | | | 94 | | 91 |
| 68992 | Bouvetoya | X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| 68994 | Marion Island | X | | | | | | | 94 | | | 94 | | |
| 88878 | Pebble Island | | 73 | 65 | 77 | 68 | 70 | 70 | 74 | 70 | 72 | 77 | 74 | 67 |
| 88883 | Weddell Island | | 78 | 78 | 79 | 80 | 76 | 71 | 63 | 79 | 75 | 78 | 79 | 81 |
| 88889 | Mount Pleasant Airport | X | | | | | | | | | | | | |
| 88897 | Sea Lion Island | | 85 | 87 | 79 | 79 | 93 | 64 | 0 | 0 | 10 | 88 | 85 | 85 |
| 88900 | Bird Island | | 66 | 71 | 66 | 58 | 69 | 73 | 72 | 72 | 74 | 71 | 73 | |
| 88903 | Grytviken | X | 70 | 78 | 89 | 71 | | 93 | | | | 93 | | |
| 88986 | South Thule Island | | 83 | 86 | 91 | 95 | 95 | 90 | 90 | 94 | 95 | 94 | 93 | |
| 93929 | Enderby Island AWS | | | | | | | | | | | | | |
| 93947 | Campbell Island AWS | X | | | | | | | | | | | | |
| 94997 | Heard Island (The Spit) | | | | | | | | | | | | | |
| 94998 | Macquarie Island | X | | | | | | | | | | | | |
| 95997 | Heard Island (Atlas Cove) | | | 91 | 55 | 52 | 43 | 35 | 50 | 67 | 80 | 75 | 75 | 47 |
| | | | | | | | | | | | | | | |
| | **Antarctic stations** | | | | | | | | | | | | | |
| WMO no | Station | | | | | | | | | | | | | |
| 88963 | Esperanza | X | 95 | 93 | | 95 | 92 | | 93 | 95 | 95 | | 91 | |
| 88968 | Orcadas | X | 90 | 84 | 82 | 82 | 91 | 91 | 87 | 90 | 87 | 89 | 92 | |
| 89002 | Neumayer | X | | | | | | | | | | | | |
| 89003 | Halvfarryggen EP11 | | | 91 | 95 | 90 | 91 | 90 | 91 | 90 | 91 | 85 | 83 | 77 |
| 89004 | SANAE | X | 93 | 93 | | | | 88 | 95 | 70 | 85 | 92 | | |
| 89009 | Amundsen-Scott | X | | | | | | | | | | | | |
| 89013 | Baldrick AWS | | 83 | 76 | 82 | 64 | 75 | 78 | 81 | 78 | 86 | 75 | 76 | 77 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89014 | Nordenskiold | | 58 | 91 | 62 | 86 | 45 | 0 | 0 | 0 | 0 | 0 | 36 | 63 |
| 89016 | Wasa EP5 | | | 85 | 64 | 79 | 86 | 95 | | | | 91 | 80 | 93 |
| 89018 | Svea EP6 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89020 | Brunt | | 73 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89022 | Halley | X | | 95 | | | | | | | | | | |
| 89034 | Belgrano II | | 82 | 87 | | 95 | 95 | 92 | 91 | 90 | 95 | 92 | 85 | |
| 89049 | AGO-2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89050 | Bellingshausen | X | | 95 | | | | | 95 | | | | | |
| 89053 | Jubany | | 88 | 85 | 91 | 82 | 86 | 82 | 85 | 80 | 76 | 79 | 86 | 83 |
| 89054 | Dinamet | | 86 | 84 | 93 | 94 | | | | | | | 95 | |
| 89055 | Marambio | X | 95 | 90 | 91 | 90 | 94 | | 92 | 95 | 94 | 95 | 92 | |
| 89056 | Frei | X | 89 | 88 | 91 | 94 | | | | | | | | |
| 89057 | Arturo Prat | | | | | | | | | | | | | |
| 89058 | Great Wall | | 93 | 93 | 95 | 94 | | 95 | | | | | | |
| 89059 | O'Higgins | | | 95 | | 93 | | 95 | | | | | | |
| 89061 | Palmer | | | | | | | | | | | | | |
| 89062 | Rothera | X | | | 94 | | | | 95 | | | | | |
| 89063 | Vernadsky | X | 89 | 92 | | 75 | | | | | | | 91 | 91 |
| 89064 | Juan Carlos | | | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 89065 | Fossil Bluff | X | 72 | 49 | 66 | 61 | 76 | 69 | 71 | 79 | 90 | 94 | 95 | 90 |
| 89066 | San Martin | | 93 | 94 | | | 95 | 93 | 91 | 93 | 90 | 87 | 91 | 94 |
| 89087 | Thiel Mountains | | 79 | 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89108 | Henry | | | | | | | | | | | | | |
| 89132 | Russkaya | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89251 | King Sejong | | 89 | 90 | 94 | 94 | 95 | 95 | 95 | | 95 | | 95 | |
| 89252 | Comandante Ferraz | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89253 | Joinville Island | | 91 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| 89257 | Limbert | | 79 | 80 | 78 | 72 | 79 | 85 | | | | 91 | | |
| 89262 | Larsen Ice Shelf | X | 80 | 68 | 70 | 62 | 77 | 33 | 0 | 0 | 32 | 78 | 95 | |
| 89266 | Butler Island | X | 77 | 70 | 79 | 69 | 79 | 84 | | 95 | 12 | 91 | 95 | |
| 89269 | Bonaparte Point | | 0 | 10 | 5 | 15 | 16 | 21 | 22 | 21 | 7 | 0 | 0 | 0 |
| 89272 | Sky Blu | X | 83 | 74 | 83 | 69 | 76 | 34 | 0 | 0 | 89 | 95 | | |
| 89314 | Theresa | | | | | | | | | | | | | |
| 89324 | Byrd Station | X | 21 | 39 | 52 | 40 | 39 | 35 | 41 | 41 | 35 | 32 | 43 | 19 |
| 89327 | Mount Siple | X | 79 | 54 | 28 | 0 | 0 | 0 | 0 | 0 | 7 | 15 | 20 | 8 |
| 89329 | Harry | X | | | | | | | | | | | | |
| 89332 | Elizabeth | | | | | | | | | | | | | |
| 89345 | Siple Dome | X | 0 | 0 | 45 | 41 | 37 | 35 | 41 | 37 | 30 | 33 | 43 | 20 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89376 | Gill | X | 46 | 43 | 46 | 40 | 41 | 33 | 36 | 38 | 31 | 30 | 39 | 20 |
| 89377 | Lettau | X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89504 | Troll | | | | | | | | | | | 94 | | |
| 89507 | Kohnen EP9 | | | | | | | | | | | | | |
| 89512 | Novolazarevskaya | X | | | | | | | | | | | | |
| 89514 | Maitri | | | 93 | 95 | 95 | 95 | 94 | 95 | | | 92 | | 92 |
| 89528 | AGO-3 | | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 89532 | Syowa | X | | | | | | | | | | | | |
| 89542 | Molodeznaja | | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89564 | Mawson | X | | | | | | | | | | | | |
| 89570 | Davis (Whoop Whoop) | | | 95 | 89 | 74 | 21 | 0 | 0 | 72 | | 95 | | |
| 89571 | Davis | X | | | | | | | | | | | | |
| 89573 | Zhongshan | X | 94 | 87 | 95 | 93 | | | | | 95 | 92 | 93 | |
| 89574 | Progress | X | | 91 | | | | | | | | | | |
| 89575 | Druzhnaya 4 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89577 | Dome A | X | | 89 | 91 | | | | | | | | | |
| 89578 | Eagle | | | | | | | | | | | | | |
| 89586 | Davis (Mount Brown) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89592 | Mirnyj | X | | | | | | | | | | | | |
| 89606 | Vostok | X | | 92 | | | | | | | | 95 | | |
| 89610 | Cape Poinsett | | | 92 | 95 | 93 | 93 | 94 | 95 | 90 | 85 | 86 | 88 | 86 |
| 89611 | Casey | X | | | | | | | | | | | | |
| 89614 | Wilkins Runway West | | 82 | 75 | 75 | 67 | 70 | 50 | 12 | 66 | 70 | 77 | 81 | 78 |
| 89615 | Wilkins Runway East | | | 94 | | 62 | 54 | 6 | 13 | 5 | 57 | 95 | | |
| 89625 | Concordia | X | 75 | 94 | | | | 85 | 95 | | 86 | 60 | 68 | |
| 89628 | AGO-1 | | | 92 | 89 | 75 | 52 | 51 | 75 | 71 | 32 | | | 54 |
| 89642 | Dumont d'Urville | X | | | | | | 85 | 32 | 0 | 0 | 23 | 80 | 91 |
| 89643 | Port Martin | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89646 | Sitry Point | | | | 47 | 5 | 20 | 0 | 0 | 0 | 10 | 52 | | |
| 89648 | Mid Point | | | | | 64 | 68 | 23 | 9 | 7 | 25 | 85 | | |
| 89657 | Leningradskaya | | 92 | 75 | 85 | | 91 | 55 | 52 | 94 | 95 | | 83 | 72 |
| 89659 | Priestley (Nevee) | | | | | | 10 | 0 | 0 | 0 | 41 | | | |
| 89661 | Cape Phillips | | | | | | | | | | | | | |
| 89662 | Mario Zuchelli Station | X | 75 | 91 | | | | | | | | 75 | 86 | 59 |
| 89664 | McMurdo | X | 95 | 88 | | | | | 93 | | 92 | 94 | 95 | |
| 89665 | Scott Base | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89666 | Cape Ross | | | | | | | | | | | | | |
| 89667 | Pegasus North | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A20629 | Plateau | | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| 89734 | Dome Fuji | | 43 | 43 | 50 | 38 | 37 | 39 | 42 | 39 | 34 | 33 | 43 | 18 |
| 89744 | Relay Station | X | 45 | 43 | 50 | 38 | 37 | 37 | 40 | 39 | 34 | 34 | 39 | 18 |
| A20631 | Pole of Relative Inaccessibility | | | | | | | | | | 0 | 0 | 0 | 0 |
| 89767 | G3 (Amery Ice Shelf AWS) | | | | | | | | | | | | | |
| 89768 | Minna Bluff | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 89769 | Linda | | | | | | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89799 | Nico | | | | | | | | | | | | | |
| 89807 | Snyder Rocks | | 89 | 81 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 86 |
| 89809 | Casey Skiway South | | | 95 | 77 | | 54 | 18 | 7 | 33 | 54 | 91 | | |
| 89811 | Law Dome Summit | | 93 | 90 | 91 | 69 | 0 | 0 | 0 | 41 | 95 | 95 | | |
| 89815 | Haupt Nunatak | | 87 | 88 | 65 | 60 | 37 | 23 | 20 | 49 | 60 | 79 | 84 | 84 |
| 89828 | Dome C II | X | | | | | | | | | | | | |
| 89832 | D-10 | | 41 | 33 | 43 | 35 | 31 | 31 | 40 | 37 | 28 | 36 | 36 | 17 |
| 89834 | D-47 | | 40 | 37 | 44 | 36 | 32 | 31 | 41 | 37 | 30 | 36 | 40 | 17 |
| 89864 | Manuela | | 0 | 34 | 47 | 39 | 41 | 35 | 33 | 40 | 30 | 30 | 33 | 17 |
| 89865 | Whitlock | X | 41 | 40 | 49 | 38 | 37 | 36 | 41 | 41 | 32 | 35 | 42 | 19 |
| 89866 | Marble Point | X | | | | | | | | | | | | |
| 89868 | Schwerdtfeger | | 91 | 87 | 41 | 21 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89869 | Marilyn | X | | | | | | | | | | | | |
| 89872 | Ferrell | X | | | | | | | | | | | | 38 |
| 89873 | Elaine | | 46 | 37 | 46 | 40 | 38 | 32 | 36 | 37 | 29 | 30 | 35 | 16 |
| 89879 | Possession Island | X | | | | | | 71 | 16 | 37 | 95 | 95 | | |
| | | | | | | | | | | | | | | |
| AAALE | Cape King | | | | | | | | | | | | | |
| AABIR | Cape Bird | | | | | | | | | | | | | |
| AABRI | Brianna | | 50 | 47 | 51 | 42 | 40 | 47 | 47 | 42 | 40 | 38 | 46 | 27 |
| AACAR | Carolyn | | | | | | | | | | | | | |
| AADIS | Dismal Island | | | | | | | 11 | 47 | 42 | 35 | 44 | 46 | 19 |
| AADEN | Cape Denison | | | | | | | | | | | | | |
| AAEMI | Emilia | | 50 | 45 | 51 | 40 | 42 | 46 | 41 | 40 | 39 | 45 | 50 | 23 |
| AAERC | Eric | | 51 | 46 | 54 | 43 | 43 | 43 | 26 | 0 | 10 | 20 | 50 | 27 |
| AAERI | Erin | | 52 | 43 | 53 | 40 | 9 | 20 | 0 | 42 | 20 | 0 | 0 | 0 |
| AAKIR | Kirkwood Island | | | | | | | | | | | | | |
| AAKOM | Kominko-Slade | | 17 | 52 | 55 | 44 | 39 | 41 | 43 | 41 | 35 | 36 | 46 | 20 |
| AALAU | Laurie II | | 50 | 45 | 52 | 45 | 41 | 44 | 39 | 41 | 39 | 37 | 49 | 25 |
| AALIT | Little Mac (Mega A) | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AALOL | Tourmaline Plateau | | | | | | | | | | | | | |
| AAMAR | Mary | | | | | | | | | | | | | |
| AAMIZ | Mizuho | | 47 | 39 | 43 | 37 | 31 | 35 | 33 | 27 | 36 | 36 | 40 | 11 |
| AAPEG | Pegasus South | | 50 | 45 | 54 | 40 | 41 | 44 | 37 | 43 | 36 | 41 | 50 | 22 |
| AAPET | Peter I Oy | | | | | | | | | | | | | |
| AAPIG | Pine Island Glacier | | | 0 | 0 | | | | | | 0 | 0 | 0 | 0 |
| AARIT | Enigma Lake | | | | | | | | | | | | | |
| AASOF | Sophia-B | | | | | | | | | | | | | |
| AASWI | Swithinbank | | | | | | | | | | | | | |
| AAUNI | Union Glacier | | 93 | 94 | 100 | 76 | | 95 | 95 | 90 | 85 | 93 | 94 | |
| AAVIT | Vito | | 49 | 45 | 50 | 39 | 45 | 44 | 44 | 40 | 34 | 38 | 49 | 27 |
| AAWIL | Willie Field | | | | | | | | | | | | | |
| AAWIN | Windless Bight | | | | | | | | | | | | | |
| AAZOE | Zoe (Mega B) | | | | | | | | | | | | | |
| AAZOR | Priestley Glacier | | | | | | | | | | | | | |

Notes:
68992 – AWS failed. Replacement not expected before 2011.
89020 – Annual download
89272 – Batteries not charging.
89327 – Batteries no longer hold charge over the winter. Recovers in late September with the return of sunlight. No immediate prospect of repair.
89865 – Station not operational, and unlikely to be restored. Appears to have recovered after winter 2011.
89879 – Batteries no longer hold sufficient charge to transmit fully over the winter.
AWS transmitting via Argos have variable reception on the GTS, although the data is available non real time. In general 65±15% reception on the GTS indicates full operation.
December totals have been increased by 6% as there was a GTS interruption at BAS on two days during the month

**Upper air stations**

The monthly columns show the status of TEMP messages with data to 100 hPa (after quality control) on the GTS, with yellow representing less than 70% of expected messages, amber representing less than 40% and red less than 10% of messages. Figures in bold include flights that did not appear on the GTS. Stations are assessed against their published programme in WMO No 9, Vol A at the beginning of the year.

NOTE monitoring does not distinguish between problems with generation and transmission of messages. Monitoring is manual and may have errors and there are occasional breaks in the BAS GTS feed. The 100 hPa level is chosen as the minimum target level for GUAN stations, but balloon performance often degrades during the polar winter and not all flights reach this level.

| INDEX | STATION NAME | | GUAN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61998 | ILES KERGUELEN | 12 | X | 90 | 93 | 83 | 83 | 80 | 86 | 83 | 93 | 96 | 96 | 90 | 74 |
| 68906 | GOUGH ISLAND | 00 | X | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 100 | 43 |
| 68906 | GOUGH ISLAND | 12 | X | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 10 | 0 |
| 68994 | MARION ISLAND | 00 | X | 100 | 96 | 74 | 93 | 87 | 96 | 96 | 35 | 0 | 0 | 0 | 13 |
| 68994 | MARION ISLAND | 12 | X | 100 | 93 | 67 | 96 | 93 | 86 | 87 | 35 | 0 | 0 | 0 | 27 |
| 88889 | MOUNT PLEASANT AIRPORT | 00 | X | 96 | 100 | 90 | 96 | 90 | 80 | 77 | 87 | 86 | 90 | 93 | 85 |
| 88889 | MOUNT PLEASANT AIRPORT | 12 | X | 0 | 0 | 0 | 10 | 0 | 16 | 0 | 16 | 13 | 0 | 10 | 0 |
| 94998 | MACQUARIE ISLAND | 00 | X | 96 | 100 | 96 | 96 | 100 | 96 | 96 | 90 | 90 | 100 | 93 | 100 |
| 94998 | MACQUARIE ISLAND | 12 | X | 93 | 100 | 96 | 100 | 96 | 96 | 87 | 96 | 93 | 100 | 100 | 100 |
| | | | | | | | | | | | | | | | |
| 89002 | NEUMAYER | 12 | X | 100 | 82 | 87 | 100 | 87 | 83 | 96 | 90 | 83 | 87 | 93 | 100 |
| 89009 | AMUNDSEN-SCOTT | 00 | X | 100 | 89 | 100 | 100 | **100** | 50 | 32 | 0 | 36 | 100 | 100 | 100 |
| 89009 | AMUNDSEN-SCOTT | 12 | X | 96 | 100 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 96 | 100 |
| 89022 | HALLEY | 12 | X | **100** | **97** | 84 | 93 | 100 | 83 | 61 | 70 | 90 | 100 | 96 | 100 |
| 89055 | BASE MARAMBIO (CENTRO MET. ANTARTICO) | 12 | X | 41 | 41 | **39** | 27 | 39 | 27 | 35 | 39 | 40 | 35 | 23 | 32 |
| 89062 | ROTHERA | 12 | | 58 | 55 | **58** | **57** | 58 | 57 | 58 | 52 | 53 | 58 | 60 | 54 |
| 89512 | NOVOLAZAREVSKAJA | 00 | X | 96 | 93 | 90 | 90 | 93 | 100 | 93 | 100 | 96 | 96 | 96 | 88 |
| 89512 | NOVOLAZAREVSKAJA | 12 | X | 0 | 0 | 38 | 0 | 0 | 43 | 0 | 0 | 46 | 0 | 0 | 48 |
| 89532 | SYOWA | 00 | X | 100 | 93 | 96 | 96 | 93 | 90 | 96 | 93 | 100 | 96 | 96 | 95 |
| 89532 | SYOWA | 12 | X | 100 | 100 | 100 | 100 | 100 | 100 | 96 | 100 | 100 | 83 | 96 | 92 |
| 89564 | MAWSON | 12 | X | 96 | 93 | 96 | 96 | 96 | 90 | 90 | 100 | 93 | 96 | 96 | 100 |
| 89571 | DAVIS | 00 | X | 96 | 96 | 93 | 100 | 100 | 93 | 96 | 93 | 100 | 96 | 96 | 100 |
| 89571 | DAVIS | 12 | X | 100 | 100 | 100 | 96 | 96 | 96 | 96 | 96 | 96 | 83 | 0 | 95 |
| 89592 | MIRNYJ | 00 | X | 96 | 96 | 100 | 90 | 93 | 90 | 96 | 96 | 96 | 96 | 100 | 100 |
| 89592 | MIRNYJ | 12 | X | 0 | 0 | 45 | 0 | 0 | 40 | 0 | 0 | 43 | 0 | 0 | 48 |
| 89611 | CASEY | 00 | X | 100 | 96 | 93 | 93 | 87 | 83 | 96 | 90 | 93 | 96 | 93 | 100 |
| 89611 | CASEY | 12 | X | 96 | 100 | 96 | 100 | 90 | 90 | 96 | 90 | 100 | 100 | 93 | 100 |
| 89625 | CONCORDIA | 12 | | 96 | 96 | 80 | 90 | 35 | 0 | 0 | 0 | 0 | 0 | 53 | 95 |
| 89642 | DUMONT D'URVILLE | 00 | X | 90 | 96 | 100 | 93 | 90 | 70 | 38 | 58 | 100 | 90 | 86 | 78 |
| 89662 | MARIO ZUCCELLI STATION | 00 | | 61 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 93 | 61 |
| 89662 | MARIO ZUCCELLI STATION | 12 | | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 96 | 61 |
| 89664 | MCMURDO | 00 | X | 100 | 89 | 93 | 76 | 64 | 20 | 16 | 0 | 53 | 93 | 93 | 100 |
| 89664 | MCMURDO | 12 | X | 96 | 96 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 83 | 100 |
| | | | | | | | | | | | | | | | |

Notes: Balloons at 89009, 89022, 89625, 89642 and 89664 and to a lesser extent at other Antarctic stations, burst early in the winter months due to the low stratospheric temperature. The problem seems to be greater than usual this year.

December totals have been increased by 6% as there was a GTS interruption at BAS on two days during the month.