

8413

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,

1875.

Friday 8 a.m.

WEATHER REPORT.

January 1st 1875

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 9. | |
|--------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|---------------------------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. — (0 to 12.) | Force. — (0 to 12.) | | | | | Dirac. |
| Haparanda ... | | | | | | * | * | | | | | * | | * | * |
| Hernösand ... | | | | | | * | * | | | | | * | | * | * |
| Stockholm ... | | | | | | * | * | | | | | * | | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | | | | | | * | * | | | | | * | | * | * |
| Skudesnaes ... | | | | | | * | * | | | | | * | | * | * |
| Oxö (X'tiansand) | | | | | | * | * | | | | | * | | * | * |
| Skagen (The Skaw) | 30.54 | + .06 | 25 | 23 | -5 | * | * | E | 2 | 2 | ? | * | 60 | — | * |
| Fanö ... | 30.41 | + .09 | 27 | 26 | +5 | * | * | SE | 4 | 4 | ESE | * | 60 | — | * |
| Cuxhaven ... | | | | | | | | | | | | | | | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.78f | - .47 | 33 | 32 | +7 | 34 | 26 | SE | 5 | 6 | SE | 9 | 64 | — | 5 |
| Thurso ... | 29.90f | - .39 | 32 | 31 | 0 | 35 | 21 | SSE | 3 | 2 | SSE | 7 | m | 0.04 | 2 |
| Wick ... | 29.90f | - .36 | 35 | 34 | +2 | ? | ? | SE | 6 | 6 | SE | 4 | ab | 0.00 | 4 |
| Nairn ... | 29.93f | - .34 | 27 | 27 | +2 | 28 | 16 | Z | 0 | 0 | Z | ? | a | — | 1 |
| Aberdeen ... | 30.07f | - .11 | 35 | 34 | +6 | 35 | 18 | S | 5 | 5 | S | 8 | bo | 0.02 | 4 |
| Leith ... | 30.09f | - .17 | 35 | 25 | -5 | 31 | 12 | SSE | 1 | 1 | SSW | 3 | ob | — | * |
| Shields ... | 30.16f | - .05 | 16 | 16 | -11 | 32 | 14 | N | 2 | 2 | N | 5 | em | — | 3 |
| York ... | 30.14f | - .07 | 15 | 15 | -5 | 22 | 13 | SSE | 1 | 1 | SE | 10 | f | — | * |
| Scarborough ... | 30.20f | - .03 | 23 | 23 | -1 | 26 | 13 | S | 4 | 1 | WSW | 6 | be | — | 4 |
| Nottingham ... | 30.18f | - .10 | 19 | 18 | -2 | 23 | 10 | SE | 3 | 3 | S | 5 | f | — | * |
| Ardrossan ... | 29.91f | - .33 | 30 | 30 | +2 | 30 | 22 | ESE | 3 | 4 | ESE | 8 | fs | — | 3 |
| Greencastle ... | 29.66f | - .55 | 35 | 34 | +3 | 35 | 31 | SE | 8 | 8 | SE | 10 | aq | — | * |
| Donaghadee ... | 29.75f | - .43 | 35 | 35 | +1 | 36 | 30 | SE | 7 | 7 | SE | 10 | co | — | 6 |
| Kingstown ... | 29.70f | - .51 | 38 | 37 | +4 | 39 | 34 | SSE | ? | ? | SSE | 10 | ad | 0.19 | 5 |
| Holyhead ... | 29.82f | - .38 | 34 | 32 | +8 | 34 | 26 | SSE | 4 | 2 | ESE | 10 | bm | — | 3 |
| Liverpool (Bidston Obs.) | 29.96f | - .28 | 26 | 25 | +8 | 26 | 18 | ESE | 6 | 7 | ESE | 10 | fm | — | 3 |
| Valencia ... | 29.35f | - .60 | 52 | 52 | +14 | 54 | 38 | S | 6 | 8 | SE | 9 | r | 0.98 | 6 |
| Roche's Point ... | 29.50f | - .55 | 46 | 46 | +10 | 46 | 36 | S | 8 | 9 | SE | 10 | r | 0.96 | 6 |
| Pembroke ... | 29.76f | - .41 | 38 | 38 | +10 | 38 | 28 | SE | 8 | 9 | SE | 10 | gr | 0.28 | 6 |
| Portishead ... | 30.00f | - .24 | 35 | 35 | +18 | 35 | 15 | SE | 4 | 7 | S | 10 | gw | — | 3 |
| Scilly ... | 29.70f | - .37 | 51 | 51 | +11 | 51 | 37 | S | 7 | 7 | ESE | 10 | ofm | 1.15 | 6 |
| Plymouth ... | 29.91f | - .23 | 38 | 38 | +5 | 39 | 32 | SE | 6 | 8 | SE | 10 | gg | 0.42 | * |
| Hurst Castle ... | 30.10f | - .11 | 35 | 34 | +4 | 35 | 27 | SSE | 6 | 6 | SSE | 10 | ow | 0.05 | 5 |
| Dover ... | 30.27r | + .03 | 31 | 29 | +4 | 32 | 18 | SE | 3 | 3 | N | 3 | cfb | — | 3 |
| London ... | 30.21f | - .05 | 25 | 24 | +2 | 27 | 19 | ESE | 1 | 0 | Z | 7 | form | — | * |
| Oxford ... | 30.14 | - .11 | 27 | 27 | +7 | 27 | 16 | SE | 2 | 2 | SE | 10 | o | — | * |
| Cambridge ... | 30.24f | - .02 | 22 | 21 | 0 | 24 | 11 | Z | 0 | 0 | Z | 10 | fo | — | * |
| Yarmouth ... | 30.275 | + .04 | 22 | 22 | +4 | 26 | 18 | N | 1 | 2 | NNN | 10 | f | — | 2 |
| Helder ... | 30.29 | + .06 | 27 | * | +3 | * | * | ENE | 2 | * | * | * | * | * | 2 |
| Cape Gris Nez ... | 30.23f | + .01 | 24 | 24 | -1 | 25 | 21 | SSE | 3 | 1 | SE | 5 | a | — | 2 |
| Brest ... | | | | | | | | | | | | | | | |
| L'Orient ... | 29.97f | - .06 | 36 | 36 | +8 | ? | ? | ESE | 4 | 5 | ESE | 10 | sr | 0.35 | 4 |
| Rochefort ... | 30.17f | + .10 | 32 | 30 | +2 | 44 | 27 | E | 7 | 7 | E | 10 | or | — | 3 |
| Biarritz ... | 30.16s | + .06 | 49 | 47 | +3 | 50 | 46 | SW | 4 | 7 | N | 5 | re | 0.39 | 3 |
| Corunna ... | | | | | | * | * | | | | * | * | * | * | * |
| Brussels ... | 30.31 | + .05 | 33 | * | +9 | * | * | SW | 1 | * | * | * | f | * | * |
| Charleville ... | 30.26 | + .01 | 32 | * | +17 | * | * | ? | 1 | * | * | * | b | * | * |
| Paris ... | 30.32r | + .05 | 12 | * | -4 | 23 | 11 | SE | 3 | 4 | NNN | 3 | be | — | * |
| Lyons ... | ? | ? | ? | * | ? | * | * | N | 3 | * | * | * | b | * | * |
| Toulon ... | | | | | | | | | | | | | | | |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|----|------|------|--------------|--------------|-------|------|-------|-------|------|------|----|---|
| Skudesnaes ... | | | | | * | | | Valencia ... | 29.81 | 42 | 40 | SE 8 | 7 | c | 6 | | |
| Thurso ... | 30.23 | 29 | 28 | Z | 0 | 10 | S | 0 | Scilly ... | 30.01 | 40 | 38 | ESE 6 | 9 | x | 5 | |
| Scarborough... | 30.24 | 25 | 25 | WSW | 1 | 1 | b | 3 | London ... | 30.27 | 27 | 27 | Z | 0 | 10 | gf | * |
| Greencastle ... | 30.10 | 33 | 32 | SE | 4 | 5 | c | * | Rochefort... | 30.10 | 32 | 30 | ESE 4 | 10 | o | 3 | |
| Holyhead ... | 30.18 | 31 | 30 | SSW | 2 | 0 | b | 1 | | | | | | | | | |

The barometer is falling briskly in the S. of Ireland. The wind has veered to SE on our W. coasts and increased to a fresh gale at Valencia with a rough sea. Rain is falling at Scilly, while in London a dense black fog has prevailed all day. Mornings issued to our W. and SW. coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

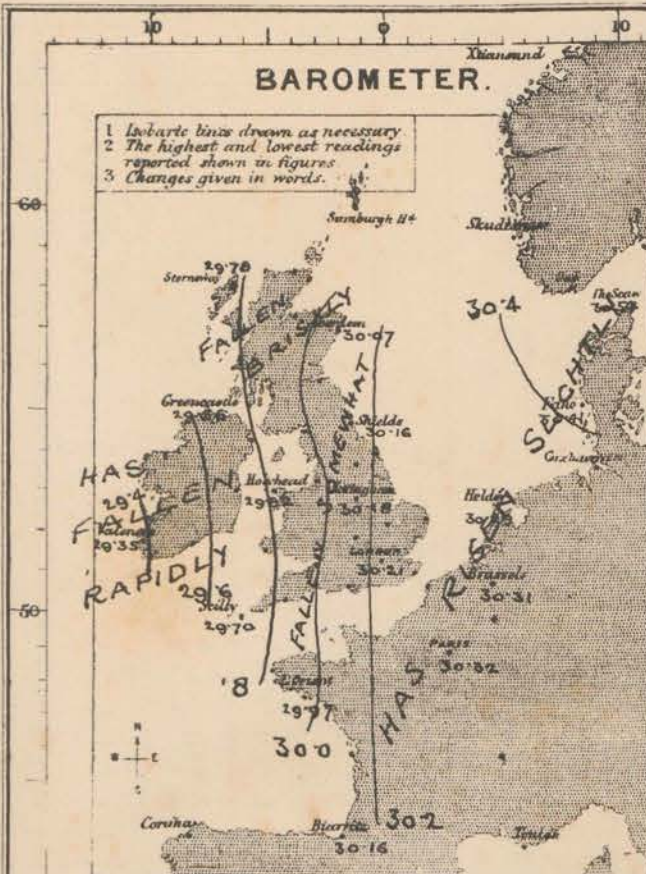
WEATHER CHARTS

AND REMARKS FOR 5

FRI DAY 1ST JAN^Y 1874 AT 8 A.M.

BAROMETER.

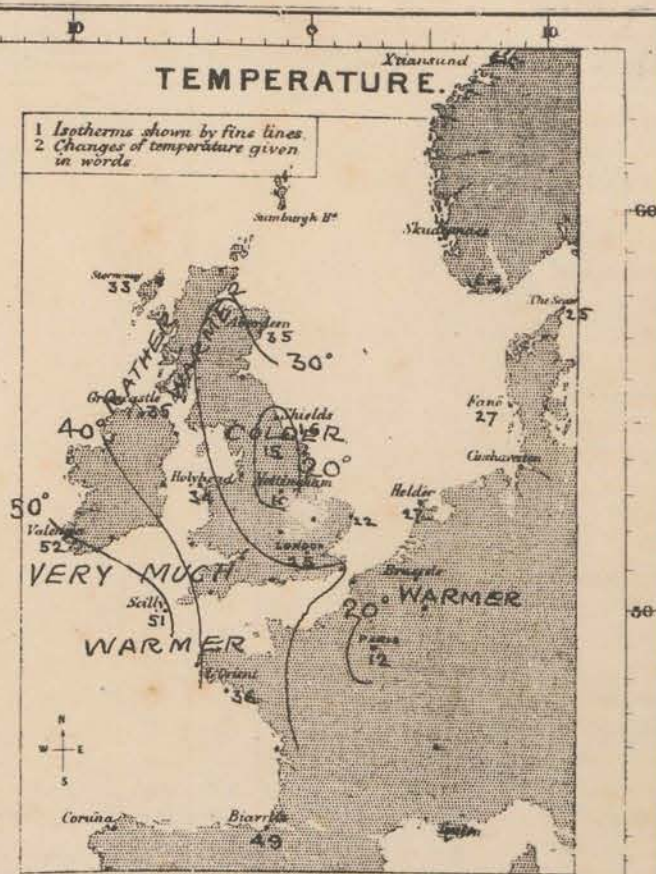
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past 24 hrs. the barometer has fallen rapidly at our west. W^{est} and N.W^{est} stations, the change having extended in a less degree to our E^{ast} coast during the night. From Cambridge to Valencia there is now a gradient of 0.11 in. per 50 miles, for S^{outh} winds.

TEMPERATURE.

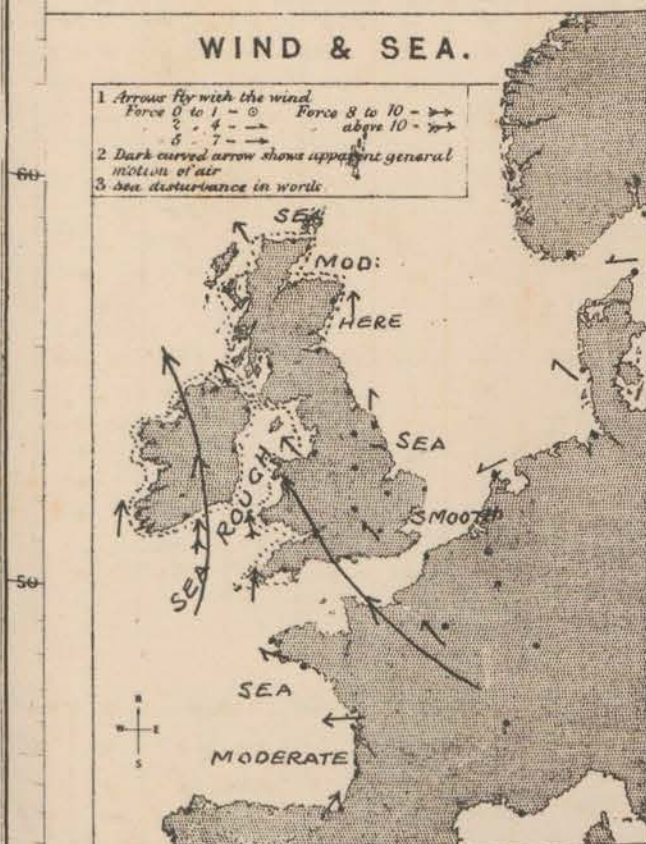
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperatures again fell very low in the E^{ast}, S^{outh}, and central parts of England during the night. A rapid rise is now in progress, especially at our SW^{est} stations, where the thermometer has risen from 10° to 18° since yesterday. Valencia is 37° warmer than York.

WIND & SEA.

- 1 Arrows for which the wind Force 0 to 1 - 0 Force 8 to 10 - 8 Force 11 to 12 - 11 Force 13 to 15 - 13 Force 16 to 18 - 16 Force 19 to 21 - 19 Force 22 to 24 - 22 Force 25 to 27 - 25 Force 28 to 30 - 28 Force 31 to 33 - 31 Force 34 to 36 - 34 Force 37 to 39 - 37 Force 40 to 42 - 40 Force 43 to 45 - 43 Force 46 to 48 - 46 Force 49 to 51 - 49 Force 52 to 54 - 52 Force 55 to 57 - 55 Force 58 to 60 - 58 Force 61 to 63 - 61 Force 64 to 66 - 64 Force 67 to 69 - 67 Force 70 to 72 - 70 Force 73 to 75 - 73 Force 76 to 78 - 76 Force 79 to 81 - 79 Force 82 to 84 - 82 Force 85 to 87 - 85 Force 88 to 90 - 88 Force 91 to 93 - 91 Force 94 to 96 - 94 Force 97 to 99 - 97 Force 100 to 102 - 100 Force 103 to 105 - 103 Force 106 to 108 - 106 Force 109 to 111 - 109 Force 112 to 114 - 112 Force 115 to 117 - 115 Force 118 to 120 - 118 Force 121 to 123 - 121 Force 124 to 126 - 124 Force 127 to 129 - 127 Force 130 to 132 - 130 Force 133 to 135 - 133 Force 136 to 138 - 136 Force 139 to 141 - 139 Force 142 to 144 - 142 Force 145 to 147 - 145 Force 148 to 150 - 148 Force 151 to 153 - 151 Force 154 to 156 - 154 Force 157 to 159 - 157 Force 160 to 162 - 160 Force 163 to 165 - 163 Force 166 to 168 - 166 Force 169 to 171 - 169 Force 172 to 174 - 172 Force 175 to 177 - 175 Force 178 to 180 - 178 Force 181 to 183 - 181 Force 184 to 186 - 184 Force 187 to 189 - 187 Force 190 to 192 - 190 Force 193 to 195 - 193 Force 196 to 198 - 196 Force 199 to 201 - 199 Force 202 to 204 - 202 Force 205 to 207 - 205 Force 208 to 210 - 208 Force 211 to 213 - 211 Force 214 to 216 - 214 Force 217 to 219 - 217 Force 220 to 222 - 220 Force 223 to 225 - 223 Force 226 to 228 - 226 Force 229 to 231 - 229 Force 232 to 234 - 232 Force 235 to 237 - 235 Force 238 to 240 - 238 Force 241 to 243 - 241 Force 244 to 246 - 244 Force 247 to 249 - 247 Force 250 to 252 - 250 Force 253 to 255 - 253 Force 256 to 258 - 256 Force 259 to 261 - 259 Force 262 to 264 - 262 Force 265 to 267 - 265 Force 268 to 270 - 268 Force 271 to 273 - 271 Force 274 to 276 - 274 Force 277 to 279 - 277 Force 280 to 282 - 280 Force 283 to 285 - 283 Force 286 to 288 - 286 Force 289 to 291 - 289 Force 292 to 294 - 292 Force 295 to 297 - 295 Force 298 to 300 - 298 Force 301 to 303 - 301 Force 304 to 306 - 304 Force 307 to 309 - 307 Force 310 to 312 - 310 Force 313 to 315 - 313 Force 316 to 318 - 316 Force 319 to 321 - 319 Force 322 to 324 - 322 Force 325 to 327 - 325 Force 328 to 330 - 328 Force 331 to 333 - 331 Force 334 to 336 - 334 Force 337 to 339 - 337 Force 340 to 342 - 340 Force 343 to 345 - 343 Force 346 to 348 - 346 Force 349 to 351 - 349 Force 352 to 354 - 352 Force 355 to 357 - 355 Force 358 to 360 - 358 Force 361 to 363 - 361 Force 364 to 366 - 364 Force 367 to 369 - 367 Force 370 to 372 - 370 Force 373 to 375 - 373 Force 376 to 378 - 376 Force 379 to 381 - 379 Force 382 to 384 - 382 Force 385 to 387 - 385 Force 388 to 390 - 388 Force 391 to 393 - 391 Force 394 to 396 - 394 Force 397 to 399 - 397 Force 400 to 402 - 400 Force 403 to 405 - 403 Force 406 to 408 - 406 Force 409 to 411 - 409 Force 412 to 414 - 412 Force 415 to 417 - 415 Force 418 to 420 - 418 Force 421 to 423 - 421 Force 424 to 426 - 424 Force 427 to 429 - 427 Force 430 to 432 - 430 Force 433 to 435 - 433 Force 436 to 438 - 436 Force 439 to 441 - 439 Force 442 to 444 - 442 Force 445 to 447 - 445 Force 448 to 450 - 448 Force 451 to 453 - 451 Force 454 to 456 - 454 Force 457 to 459 - 457 Force 460 to 462 - 460 Force 463 to 465 - 463 Force 466 to 468 - 466 Force 469 to 471 - 469 Force 472 to 474 - 472 Force 475 to 477 - 475 Force 478 to 480 - 478 Force 481 to 483 - 481 Force 484 to 486 - 484 Force 487 to 489 - 487 Force 490 to 492 - 490 Force 493 to 495 - 493 Force 496 to 498 - 496 Force 499 to 501 - 499 Force 502 to 504 - 502 Force 505 to 507 - 505 Force 508 to 510 - 508 Force 511 to 513 - 511 Force 514 to 516 - 514 Force 517 to 519 - 517 Force 520 to 522 - 520 Force 523 to 525 - 523 Force 526 to 528 - 526 Force 529 to 531 - 529 Force 532 to 534 - 532 Force 535 to 537 - 535 Force 538 to 540 - 538 Force 541 to 543 - 541 Force 544 to 546 - 544 Force 547 to 549 - 547 Force 550 to 552 - 550 Force 553 to 555 - 553 Force 556 to 558 - 556 Force 559 to 561 - 559 Force 562 to 564 - 562 Force 565 to 567 - 565 Force 568 to 570 - 568 Force 571 to 573 - 571 Force 574 to 576 - 574 Force 577 to 579 - 577 Force 580 to 582 - 580 Force 583 to 585 - 583 Force 586 to 588 - 586 Force 589 to 591 - 589 Force 592 to 594 - 592 Force 595 to 597 - 595 Force 598 to 600 - 598 Force 601 to 603 - 601 Force 604 to 606 - 604 Force 607 to 609 - 607 Force 610 to 612 - 610 Force 613 to 615 - 613 Force 616 to 618 - 616 Force 619 to 621 - 619 Force 622 to 624 - 622 Force 625 to 627 - 625 Force 628 to 630 - 628 Force 631 to 633 - 631 Force 634 to 636 - 634 Force 637 to 639 - 637 Force 640 to 642 - 640 Force 643 to 645 - 643 Force 646 to 648 - 646 Force 649 to 651 - 649 Force 652 to 654 - 652 Force 655 to 657 - 655 Force 658 to 660 - 658 Force 661 to 663 - 661 Force 664 to 666 - 664 Force 667 to 669 - 667 Force 670 to 672 - 670 Force 673 to 675 - 673 Force 676 to 678 - 676 Force 679 to 681 - 679 Force 682 to 684 - 682 Force 685 to 687 - 685 Force 688 to 690 - 688 Force 691 to 693 - 691 Force 694 to 696 - 694 Force 697 to 699 - 697 Force 700 to 702 - 700 Force 703 to 705 - 703 Force 706 to 708 - 706 Force 709 to 711 - 709 Force 712 to 714 - 712 Force 715 to 717 - 715 Force 718 to 720 - 718 Force 721 to 723 - 721 Force 724 to 726 - 724 Force 727 to 729 - 727 Force 730 to 732 - 730 Force 733 to 735 - 733 Force 736 to 738 - 736 Force 739 to 741 - 739 Force 742 to 744 - 742 Force 745 to 747 - 745 Force 748 to 750 - 748 Force 751 to 753 - 751 Force 754 to 756 - 754 Force 757 to 759 - 757 Force 760 to 762 - 760 Force 763 to 765 - 763 Force 766 to 768 - 766 Force 769 to 771 - 769 Force 772 to 774 - 772 Force 775 to 777 - 775 Force 778 to 780 - 778 Force 781 to 783 - 781 Force 784 to 786 - 784 Force 787 to 789 - 787 Force 790 to 792 - 790 Force 793 to 795 - 793 Force 796 to 798 - 796 Force 799 to 801 - 799 Force 802 to 804 - 802 Force 805 to 807 - 805 Force 808 to 810 - 808 Force 811 to 813 - 811 Force 814 to 816 - 814 Force 817 to 819 - 817 Force 820 to 822 - 820 Force 823 to 825 - 823 Force 826 to 828 - 826 Force 829 to 831 - 829 Force 832 to 834 - 832 Force 835 to 837 - 835 Force 838 to 840 - 838 Force 841 to 843 - 841 Force 844 to 846 - 844 Force 847 to 849 - 847 Force 850 to 852 - 850 Force 853 to 855 - 853 Force 856 to 858 - 856 Force 859 to 861 - 859 Force 862 to 864 - 862 Force 865 to 867 - 865 Force 868 to 870 - 868 Force 871 to 873 - 871 Force 874 to 876 - 874 Force 877 to 879 - 877 Force 880 to 882 - 880 Force 883 to 885 - 883 Force 886 to 888 - 886 Force 889 to 891 - 889 Force 892 to 894 - 892 Force 895 to 897 - 895 Force 898 to 900 - 898 Force 901 to 903 - 901 Force 904 to 906 - 904 Force 907 to 909 - 907 Force 910 to 912 - 910 Force 913 to 915 - 913 Force 916 to 918 - 916 Force 919 to 921 - 919 Force 922 to 924 - 922 Force 925 to 927 - 925 Force 928 to 930 - 928 Force 931 to 933 - 931 Force 934 to 936 - 934 Force 937 to 939 - 937 Force 940 to 942 - 940 Force 943 to 945 - 943 Force 946 to 948 - 946 Force 949 to 951 - 949 Force 952 to 954 - 952 Force 955 to 957 - 955 Force 958 to 960 - 958 Force 961 to 963 - 961 Force 964 to 966 - 964 Force 967 to 969 - 967 Force 970 to 972 - 970 Force 973 to 975 - 973 Force 976 to 978 - 976 Force 979 to 981 - 979 Force 982 to 984 - 982 Force 985 to 987 - 985 Force 988 to 990 - 988 Force 991 to 993 - 991 Force 994 to 996 - 994 Force 997 to 999 - 997 Force 1000 to 1002 - 1000 Force 1003 to 1005 - 1003 Force 1006 to 1008 - 1006 Force 1009 to 1011 - 1009 Force 1012 to 1014 - 1012 Force 1015 to 1017 - 1015 Force 1018 to 1020 - 1018 Force 1021 to 1023 - 1021 Force 1024 to 1026 - 1024 Force 1027 to 1029 - 1027 Force 1030 to 1032 - 1030 Force 1033 to 1035 - 1033 Force 1036 to 1038 - 1036 Force 1039 to 1041 - 1039 Force 1042 to 1044 - 1042 Force 1045 to 1047 - 1045 Force 1048 to 1050 - 1048 Force 1051 to 1053 - 1051 Force 1054 to 1056 - 1054 Force 1057 to 1059 - 1057 Force 1060 to 1062 - 1060 Force 1063 to 1065 - 1063 Force 1066 to 1068 - 1066 Force 1069 to 1071 - 1069 Force 1072 to 1074 - 1072 Force 1075 to 1077 - 1075 Force 1078 to 1080 - 1078 Force 1081 to 1083 - 1081 Force 1084 to 1086 - 1084 Force 1087 to 1089 - 1087 Force 1090 to 1092 - 1090 Force 1093 to 1095 - 1093 Force 1096 to 1098 - 1096 Force 1099 to 1101 - 1099 Force 1102 to 1104 - 1102 Force 1105 to 1107 - 1105 Force 1108 to 1110 - 1108 Force 1111 to 1113 - 1111 Force 1114 to 1116 - 1114 Force 1117 to 1119 - 1117 Force 1120 to 1122 - 1120 Force 1123 to 1125 - 1123 Force 1126 to 1128 - 1126 Force 1129 to 1131 - 1129 Force 1132 to 1134 - 1132 Force 1135 to 1137 - 1135 Force 1138 to 1140 - 1138 Force 1141 to 1143 - 1141 Force 1144 to 1146 - 1144 Force 1147 to 1149 - 1147 Force 1150 to 1152 - 1150 Force 1153 to 1155 - 1153 Force 1156 to 1158 - 1156 Force 1159 to 1161 - 1159 Force 1162 to 1164 - 1162 Force 1165 to 1167 - 1165 Force 1168 to 1170 - 1168 Force 1171 to 1173 - 1171 Force 1174 to 1176 - 1174 Force 1177 to 1179 - 1177 Force 1180 to 1182 - 1180 Force 1183 to 1185 - 1183 Force 1186 to 1188 - 1186 Force 1189 to 1191 - 1189 Force 1192 to 1194 - 1192 Force 1195 to 1197 - 1195 Force 1198 to 1199 - 1198



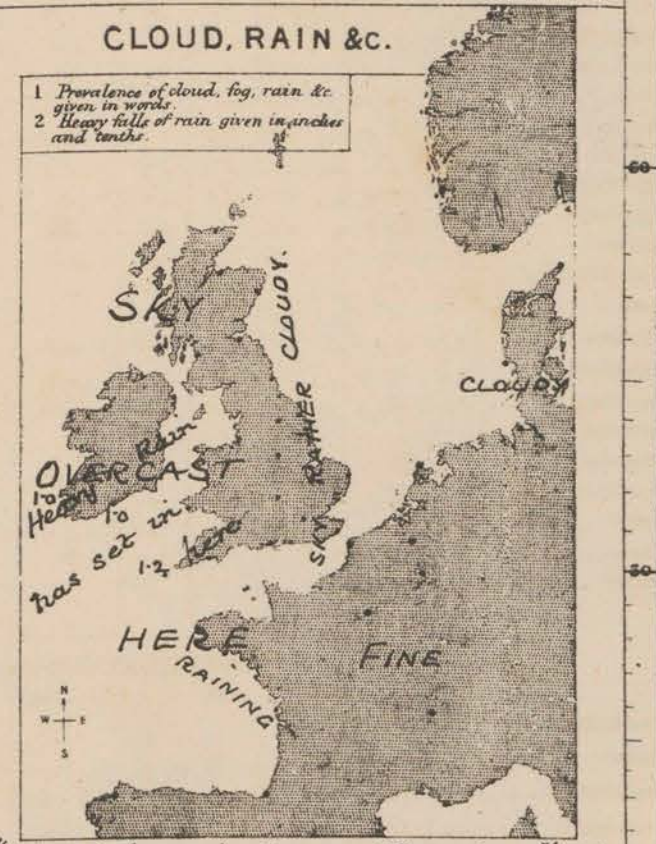
NB. A dotted line is drawn round the coast which was warned yesterday or today.

The wind has veered to S. or SE throughout our Island, and blows a fresh gale from the S^{outh} in S^{outh} George's Channel. At our E^{ast} stations it is still light.

The sea is rough in the W^{est}, moderate in the S^{outh}, and smooth in the E^{ast} and SE.

CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



Heavy rain has set in along our W^{est} coast. The sky is overcast except at our E^{ast} and the French stations. The weather is unsettled.

Warnings were issued to our SW^{est} and W^{est} coast yesterday, and have been extended to the North this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Post 3/- per quarter.

Meteorological Office
116, Victoria Str^{et}, Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith, 22, Bedford St, Covent Garden.

Satur-day 8 a.m.

WEATHER REPORT. *Jan'y 2nd*

1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Distur- bance. — 0 to 9. | |
|--------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|---------------------------|--------------------------------|--------------------------------------|--|--|--------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. — (0 to 12.) | Force. — (0 to 12.) | | | | | Dirac. |
| Haparanda ... | | | | | | * | * | | | | | * | | * | * |
| Hernösand ... | | | | | | * | * | | | | | * | | * | * |
| Stockholm ... | | | | | | * | * | | | | | * | | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | | | | | | * | * | | | | | * | | * | * |
| Skudesnaes ... | | | | | | * | * | | | | | * | | * | * |
| Oxö (X'giansand) | | | | | | * | * | | | | | * | | * | * |
| Skagen (The Skaw) | 30.20 | -21 | 28 | 25 | +3 | * | * | SSE | 4 | 2 | ESE | * | oc | — | * |
| Fanö ... | 30.05 | -36 | 15 | 15 | -12 | * | * | S | 8 | 6 | SSE | * | sc | ? | * |
| Cuxhaven ... | 30.11 f | -29 | 20 | 15 | ? | 25 | ? | SE | 5 | 3 | SE | 6 | c | — | * |
| Samburgh Head | 29.32 f | -78 | 38 | 38 | +1 | 40 | 35 | SE | 8 | 9 | SE | 10 | pr | 0.64 | 8 |
| Stornoway (Hebrides) | 29.05 f | -73 | 41 | 40 | +8 | 41 | 33 | S | 9 | 9 | S | 10 | m | 0.22 | 7 |
| Thurso ... | 29.21 f | -69 | 37 | 35 | +5 | 37 | 15 | SSE | 2 | 7 | SSE | 4 | gc | 0.15 | 2 |
| Wick ... | 29.27 f | -63 | 39 | 37 | +4 | 39 | 35 | SE | 5 | 3 | SE | ? | o | 0.08 | ? |
| Nairn ... | 29.29 f | -64 | 37 | 34 | +10 | 37 | 27 | SW | 2 | 9 | SE | 1 | cb | — | 2 |
| Aberdeen ... | 29.38 f | -69 | 38 | 36 | +3 | 38 | 34 | SSW | 2 | 8 | S | 2 | rb | 0.48 | 6 |
| Leith ... | 29.47 f | -62 | 40 | 37 | +15 | 42 | 25 | N | 5 | 1 | SSE | 5 | oc | 0.12 | * |
| Shields ... | 29.52 f | -64 | 32 | 32 | +16 | 35 | 15 | N | 2 | 9 | S | 8 | o | 0.05 | 5 |
| York ... | 29.68 f | -46 | 36 | 36 | +21 | 37 | 15 | SW | 1 | 3 | SE | 0 | sb | 0.27 | * |
| Scarborough ... | 29.68 f | -52 | 34 | 34 | +11 | 35 | 22 | WSW | 1 | 5 | S | 0 | ob | — | 2 |
| Nottingham ... | 29.79 f | -39 | 36 | 35 | +17 | 37 | 19 | SW | 1 | 6 | SE | 0 | rm | 0.48 | * |
| Ardrossan ... | 29.42 f | -49 | 43 | 41 | +13 | 46 | 29 | SW | 4 | 6 | SW | 8 | so | 0.74 | 5 |
| Greencastle ... | 29.38 f | -28 | 39 | 39 | +4 | 42 | 34 | SW | 4 | 9 | SSE | ? | ro | 0.35 | * |
| Donaghadee ... | 29.45 f | -30 | 39 | 37 | +4 | 41 | 35 | S | 7 | 7 | SSE | 5 | ga | 0.52 | 5 |
| Kingstown ... | 29.63 f | -07 | 45 | 40 | +7 | 50 | 37 | WSW | 5 | 10 | SSE | 3 | rb | 0.26 | 3 |
| Holyhead ... | 29.64 f | -18 | 45 | 42 | +11 | 48 | 33 | SW | 4 | 7 | SSE | 3 | gb | 0.29 | 4 |
| Liverpool (Bidston Obs.) | 29.69 f | -27 | 39 | 36 | +13 | 42 | 26 | SW | 3 | 7 | ESE | 2 | ob | 0.43 | 3 |
| Valencia ... | 29.69 f | +34 | 45 | 43 | -7 | 54 | 43 | WSW | 3 | 8 | WSW | 7 | p | 0.06 | 6 |
| Roche's Point... | 29.73 f | +23 | 45 | 43 | -1 | 49 | 38 | N | 5 | 7 | SSW | 6 | ro | 2.65 | 5 |
| Pembroke ... | 29.79 f | +03 | 47 | 45 | +9 | 50 | 38 | WSW | 5 | 9 | SE | 4 | ro | 1.18 | 4 |
| Portishead ... | 29.84 f | -76 | 42 | 40 | +7 | 46 | 30 | N | 4 | 7 | ESE | 3 | b | 0.67 | 4 |
| Scilly ... | 29.92 f | +22 | 50 | 49 | -1 | 53 | 48 | SSW | 5 | 7 | SW | 10 | sm | 0.88 | 6 |
| Plymouth ... | 29.91 f | -00 | 43 | 43 | +5 | 57 | 38 | N | 2 | 8 | SE | 1 | gf | 2.15 | * |
| Hurst Castle ... | 29.90 f | -20 | 42 | 42 | +7 | 45 | 35 | SW | 1 | 7 | SSE | 2 | rb | 0.90 | 5 |
| Dover ... | 29.87 f | -40 | 41 | 40 | +10 | 42 | 38 | WSW | 4 | 5 | SW | 5 | e | 0.03 | 3 |
| London ... | 29.88 f | -33 | 39 | 38 | +14 | 42 | 24 | S | 1 | 5 | SSE | 2 | gob | 0.39 | * |
| Oxford... | 29.84 | -30 | 39 | 38 | +12 | 40 | 27 | SW | 1 | 7 | SE | 0 | rb | 0.42 | * |
| Cambridge ... | 29.82 f | -42 | 35 | 34 | +13 | 37 | 20 | SW | 1 | 2 | SSE | 1 | ob | 0.26 | * |
| Yarmouth ... | 29.80 f | -47 | 35 | 35 | +13 | 35 | 21 | WSW | 3 | 7 | SSE | 3 | cm | 0.23 | 3 |
| Helder... | 29.89 | -40 | 27 | * | 0 | * | * | SSE | 4 | * | * | * | * | * | 4 |
| Cape Gris Nez... | | | | | | | | | | | | | | | |
| Brest ... | 30.02 f | +12 | 51 | 49 | +11 | 54 | 38 | SW | 4 | 7 | SE | 10 | ro | 2.78 | 5 |
| L'Orient ... | 30.03 f | +06 | 50 | 50 | +14 | ? | ? | N | 4 | 7 | SE | 9 | ro | 0.67 | 6 |
| Rochefort ... | 30.15 f | -02 | 50 | 48 | +18 | ? | 35 | N | 5 | 7 | SE | 10 | m | 0.71 | 3 |
| Biarritz ... | 30.30 f | +14 | 52 | 50 | +3 | 55 | 48 | S | 1 | 4 | SW | 9 | o | — | 5 |
| Corunna ... | | | | | | * | * | | | | * | * | * | * | * |
| Brussels ... | | | | | | * | * | | | | * | * | * | * | * |
| Charleville ... | | | | | | * | * | | | | * | * | * | * | * |
| Paris ... | 30.01 f | -31 | 37 | * | +25 | ? | 23 | S | 3 | 5 | SE | 10 | ot | — | * |
| Lyons ... | ? | ? | 34 | * | ? | * | * | S | 1 | * | * | * | ? | * | * |
| Toulon... | 30.21 f | +22 | 42 | 35 | +10 | 46 | 38 | SW | 5 | 4 | SW | 8 | bo | — | 4 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. |
|-----------------|-------|------|------|-------|---|----|------|------|--------------|-------|------|------|-------|----|------|
| Skudesnaes ... | | | | | | * | | | Valencia ... | 29.35 | 53 | 51 | SSW | 7 | 9 |
| Thurso ... | 29.82 | 33 | 32 | SSE | 5 | 5 | c | 3 | Scilly ... | 29.66 | 53 | 53 | SW | 7 | 10 |
| Scarborough... | 30.08 | 30 | 30 | S | 5 | 10 | o | 4 | London ... | 30.12 | 33 | 32 | SE | 4 | 10 |
| Greencastle ... | 29.43 | 38 | 37 | SSE | 8 | 10 | g | * | Rochefort... | 30.14 | 36 | 34 | SE | 7 | 10 |
| Holyhead ... | 29.63 | 37 | 35 | SSE | 6 | 7 | gr | 4 | | | | | | | |

The barometer is still falling generally especially in the N.W. The S³ gale has extended to the N.E. coast of England, with a rapid increase of temperature.

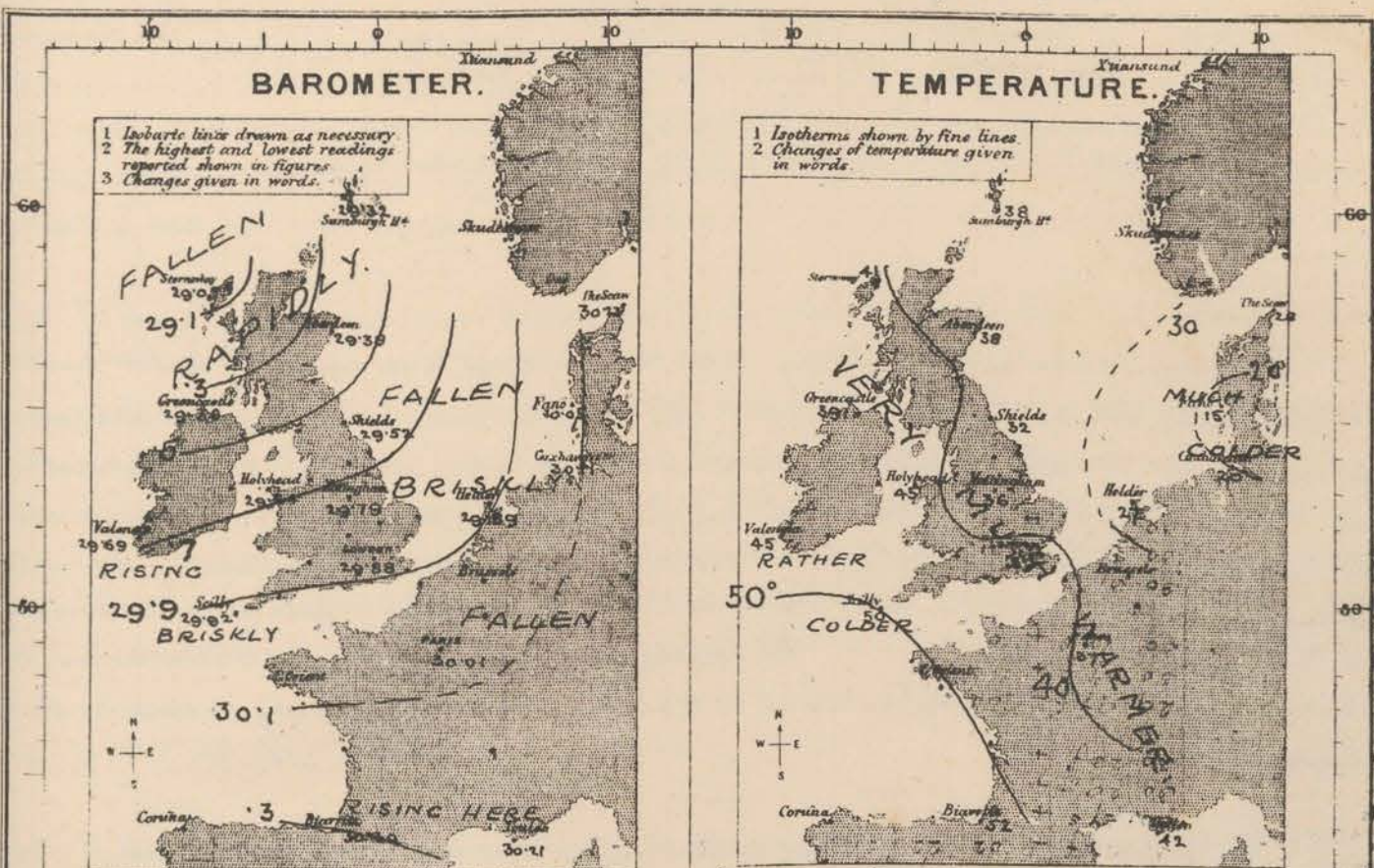
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS

AND REMARKS FOR

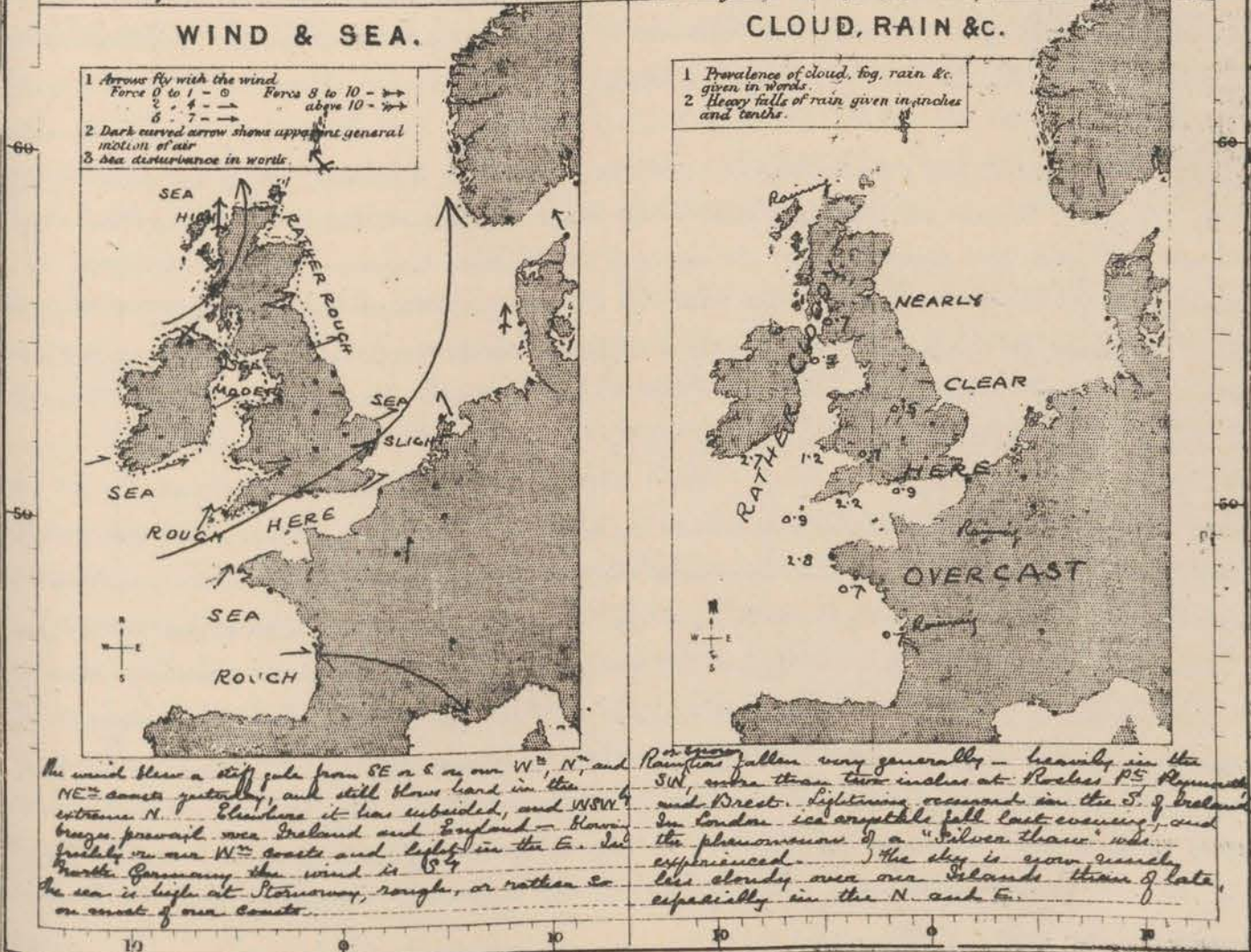
SATURDAY 2nd JAN^y 187⁵ AT 8 A.M.



The fall of the barometer has continued very rapidly at our N^o. stations and to a less extent in most other parts of N.W. Europe, but on our SW coasts a brisk recovery has almost set in, and in the S. of France, also, the mercury is rising. The gradient from Hurst Castle to Ardrosson is 0.8 in.; while that from Leith to Stornoway is 0.14 in. per 50 miles.

Temperature has risen very rapidly over the British Isles and France. At Paris the change since yesterday amounts to 25°, and at York to 21°. The frost has entirely disappeared from our coasts.

(Note: An isotherm of 40° above, is drawn on the wrong side of London by accident.)



The wind blew a stiff gale from SE or S on our W^o, N^o, and NE coasts yesterday, and still blows hard in the extreme N. Elsewhere it has subsided, and WSW breezes prevail over Ireland and England - blowing freshly on our W^o coasts and light in the E. In North Germany the wind is S. The sea is high at Stornoway, rough, or rather so on most of our coasts.

Rain has fallen very generally - heavily in the SW, more than two inches at Roches P^o Plymouth and Brest. Lightning occurred in the S. of Ireland. In London ice completely fell last evening, and the phenomenon of a "silver thaw" was experienced. The sky is now much less cloudy over our Islands than of late, especially in the N. and E.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Post 5/- per quarter.

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ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden.

SUMMARY OF WEATHER IN WESTERN EUROPE

from DEC^r 27th 1874 to JANUARY 2nd 1875.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The mercury rose steadily during the first two days, and light N^h to NW^h winds were experienced but on the 29th a fall had set in in the west; a large shallow disturbance appeared over our western stations, and the wind shifted to SE except in the south-west where fresh N^h breezes were felt. On the 30th a depression again appeared in the west but the barometer had risen generally. On the 31st a serious fall occurred in the south-west and extended over the whole of our Islands, the wind veered to S. or SE and blew a fresh gale in some places with very severe snowstorms. The weather had been very cold over G^t Britain and France the thermometer marking nearly as low as 10° F. in many parts. The sky has been overcast and gloomy.

DEC^r 27th The general rise of the barometer noticed at the close of last week continued. The lowest readings were found to the westward of Norway, and the highest over Ireland, but gradients were slight. In the north the wind circulated round the low pressure, being NW^h over Scotland and drawing into SE in the west of Norway. N^h breezes prevailed over the remainder of our Islands, and light E^h winds over the Bay of Biscay. Temperature was not much changed generally but had fallen briskly over France. The sky was overcast in the south-east, with snow at Cape Gris Nez, moderately clear elsewhere.

DEC^r 28th The barometer had risen slowly at all stations except Valencia. The lowest pressure lay to the NW^h of our Islands but readings were still more uniform than on the previous day. The light NW^h wind had extended over the whole of the United Kingdom but in the south of Ireland and at the North German and Danish stations a S^h breeze had sprung up, while over France E^h winds continued. Temperature had fallen in the south-east but was generally very little changed. The weather was bright in the north but very cloudy elsewhere. By 2pm the fall of the barometer had extended to Sicily.

DEC^r 29th During the past night the barometer had fallen at almost western and north-western stations, and a small depression had advanced to Cornwall but on our east coast and over the North Sea the mercury was rising, and the gradient from London to Plymouth was 0.6 in per 50 miles. In the south the wind circulated round the small disturbance, blowing freshly in the south-west. At our north-western stations and in the south of Norway moderate E^h breezes were reported but elsewhere very light variable air prevailed. Temperature had fallen except in the south-west, and a sharp frost prevailed over the Central and south-eastern parts of England and the north of France. The sky was overcast generally with rain in the north of Ireland and snow at Aberdeen. During the day the depression moved SW^h, and the barometer recovered in the west.

DEC^r 30th The mercury had fallen over the Netherlands and their neighbourhood, while it had risen slightly elsewhere, though a depression still lay over Cornwall and St. Georges Channel.

The gradient from Nottingham to Pembroke was 0.10 in per 50 miles. The winds were generally light over our Islands, except in the north-west where they circulated round the above depression, and blew rather freshly, a brisk E^{ly} breeze being reported from the Bay of Biscay and NE^{ly} winds from the eastern shores of the North Sea. Temperature had fallen generally - several degrees in some places, and at 8 am the thermometer marked 10° at York, 12° at Paris and zero F. at Charleville! The sky was overcast except over Scotland and snow or rain was falling at some stations. By 2 pm a slight decrease of pressure had occurred except in the north-west and at Rochefort.

DEC. 31st A large shallow depression had advanced over the North Sea and the barometer had fallen at most stations. At the same time an independent fall had taken place at Valencia, and a second but more serious depression appeared to be advancing on our south-west coasts, but gradients were slight. Light to moderate E^{ly} winds were general increasing to a gale, however, over the Skager Rack but on our east coasts light NW^{ly} breezes were experienced. Temperature had changed irregularly but a sharp frost still prevailed except in the west. Rain was falling at Roches P^{ts}, and the sky was generally cloudy with a great deal of fog in the south-east which was particularly thick in London, and continued during the whole day. As the day advanced the fall of the barometer began to affect the eastern stations and it was evident that the frost was about to break up.

JAN. 1st The fall of the mercury had become rapid in the west, and had extended to all except the stations on the eastern shores of the North Sea, where a slight rise was reported. The gradient from Cambridge to Valencia was 0.11 in per 50 miles, and the S^{ly} wind had increased to a gale over Ireland and St. Georges Channel. At our eastern stations the wind continued light though it had veered to the SW^{ly} generally. Temperature had again fallen very low during the night in the east and south east of England but at 8 am the weather was becoming warmer. The sky, though clear in some places, was generally cloudy, and heavy rain was falling at all the south-western stations. By 2 pm the S^{ly} gale had extended to the north-east coast of England, and was accompanied by a very heavy snow storm especially in the northern districts. The frost finally broke up, and in London and Paris the phenomenon of "glazed frost" was experienced at night.

JAN. 2nd The barometer had begun to rise again at the south-western stations and in the south of France but continued to fall elsewhere - quickly in the east and north. The lowest pressure lay in the extreme north-west, and the gradient from Leith to Stornoway was 0.14 in per 50 miles. The wind had veered to the NW^{ly} over the greater part of our Islands but continued to blow from the SW^{ly} elsewhere, drawing into SE in the extreme north. In force it was generally moderate or fresh except in the east (where it was light) but reached the force of a gale at some stations. Temperature had risen very rapidly in all places. Extremely heavy rain had fallen in the south-west (nearly 3 inches at Brest, and more than 2 inches at Plymouth and Cork) but at 8 am the sky had cleared considerably except over France. During the morning the increase of pressure noticed in the west extended to all stations.

Sun-day 8 a.m.

WEATHER REPORT. *Jan. 5th*

1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Distance 0 to 10. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirco. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dirco. |
| Haparanda | | | | | | * | * | | | | | * | | * | * |
| Hernösand | 29.89 | -.31 | 12 | 12 | +4 | * | * | SSW | 6 | 0 | 2 | * | 60 | * | * |
| Stockholm | 30.06 | -.25 | 16 | 16 | +5 | * | * | WSW | 2 | 0 | 2 | * | 60 | * | * |
| Wisby | 30.17 | -.24 | 23 | 23 | -4 | * | * | S | 2 | 1 | SW | * | 6 | * | * |
| Christiansund | 29.63 | -.27 | 37 | 32 | +9 | 37 | 34 | ESE | 4 | * | * | * | 0 | - | 3 |
| Skudesnaes | 29.68 | -.16 | 37 | 34 | +5 | 37 | 33 | ESE | 8 | * | * | * | 0 | - | 5 |
| Oxö (X'tiansand) | 29.88 | -.24 | 27 | 26 | -3 | 41 | ? | NE | 4 | * | * | * | 5 | 0.39 | 3 |
| Skagen (The Skaw) | 29.95 | -.28 | 31 | 29 | +3 | * | * | S | 4 | 8 | S | * | 36 | - | * |
| Fanö | 29.89 | -.16 | 32 | 32 | +4 | * | * | S | 6 | 4 | ? | * | 08 | - | * |
| Cuxhaven | 29.972 | -.15 | 34 | 34 | +14 | ? | 14 | SSW | 3 | 4 | S | 9 | 32 | ? | * |
| Simburgh Head | 29.218 | -.11 | 42 | 42 | +4 | 43 | 38 | SSE | 7 | 7 | ? | 10 | 0 | - | 25 |
| Stornoway (Hobbes) | 28.828 | -.23 | 42 | 42 | +1 | 45 | 40 | SW | 7 | 9 | SW | 10 | 2m | 0.29 | 8 |
| Thurso | 28.918 | -.35 | 38 | 37 | +1 | 41 | 35 | SSE | 2 | 5 | SSE | 6 | 0.04 | 0.04 | 2 |
| Wick | 29.118 | -.16 | 43 | 40 | +4 | 43 | 37 | S | 4 | 6 | S | 9 | 0.04 | 0.04 | 3 |
| Nairn | | | | | | | | | | | | | | | |
| Aberdeen | 29.288 | -.10 | 39 | 37 | +1 | 41 | 36 | SSW | 4 | 4 | SSW | 2 | 6 | 0.12 | 4 |
| Leith | 29.438 | -.04 | 42 | 41 | +2 | 43 | 38 | W | 7 | 7 | W | 7 | 60 | 0.07 | * |
| Shields | 29.578 | +.05 | 40 | 39 | +8 | 40 | 30 | SW | 5 | 5 | SSW | 9 | 0.05 | 0.05 | 2 |
| York | 29.688 | +.00 | 41 | 40 | +5 | 45 | 35 | SW | 2 | 1 | SW | 0 | 0.40 | 0.40 | * |
| Scarborough | 29.718 | +.03 | 40 | 39 | +6 | 41 | 34 | WSW | 3 | 3 | SW | 1 | 6 | - | 8 |
| Nottingham | 29.798 | +.00 | 41 | 40 | +5 | 42 | 36 | SSW | 4 | 6 | SW | 0 | 0.16 | 0.16 | * |
| Ardrossan | 29.378 | -.05 | 47 | 43 | +4 | 48 | 42 | WSW | 8 | 9 | WSW | 7 | 0.24 | 0.24 | 4 |
| Greencastle | 29.528 | +.14 | 44 | 42 | +5 | 44 | 39 | WSW | 6 | 7 | WSW | 2 | 0.15 | 0.15 | 1 |
| Donaghadee | 29.562 | +.11 | 43 | 42 | +4 | 45 | 39 | W | 7 | 7 | S | 7 | 0.12 | 0.12 | 5 |
| Kingstown | 29.718 | +.08 | 46 | 44 | +1 | 53 | 43 | W | 5 | 6 | W | 3 | 0.23 | 0.23 | 3 |
| Holyhead | 29.708 | +.06 | 47 | 45 | +2 | 50 | 43 | SW | 5 | 4 | SW | 2 | 0.18 | 0.18 | 4 |
| Liverpool (Bidston Obs.) | 29.728 | +.03 | 46 | 42 | +7 | 48 | 38 | WSW | 5 | 6 | SW | 1 | 0.11 | 0.11 | 5 |
| Valencia | 29.852 | +.16 | 48 | 45 | +3 | 54 | 44 | WSW | 3 | 11 | SSW | 6 | 0.63 | 0.63 | 6 |
| Roche's Point | 29.852 | +.12 | 45 | 43 | 0 | 50 | 40 | WNW | 3 | 7 | SSW | 5 | 0.26 | 0.26 | 4 |
| Pembroke | 29.882 | +.09 | 48 | 47 | +1 | 50 | 47 | W | 6 | 7 | SW | 6 | 0.19 | 0.19 | 4 |
| Portishead | 29.922 | +.08 | 47 | 45 | +5 | 53 | 40 | W | 3 | 5 | W | 7 | 0.18 | 0.18 | 4 |
| Scilly | 29.992 | +.07 | 57 | 50 | +1 | 54 | 49 | WSW | 3 | 6 | S | 9 | 0.20 | 0.20 | 5 |
| Plymouth | 30.002 | +.09 | 49 | 49 | +6 | 53 | 43 | SW | 1 | 5 | SW | 10 | 0.24 | 0.24 | * |
| Hurst Castle | 29.948 | +.04 | 47 | 47 | +5 | 49 | 43 | W | 5 | 5 | SW | 5 | 0.32 | 0.32 | 5 |
| Dover | 29.908 | +.03 | 47 | 46 | +6 | 47 | 38 | SW | 4 | 5 | SW | 10 | 0.02 | 0.02 | 4 |
| London | 29.898 | +.01 | 50 | 47 | +11 | 50 | 37 | WSW | 3 | 4 | S | 6 | 0.16 | 0.16 | * |
| Oxford | 29.868 | +.02 | 48 | 47 | +9 | 49 | 39 | WSW | 3 | 3 | WSW | 10 | 0.09 | 0.09 | * |
| Cambridge | 29.828 | +.00 | 44 | 44 | +9 | 44 | 32 | SW | 2 | 2 | SW | 10 | 0.11 | 0.11 | * |
| Yarmouth | 29.798 | -.01 | 39 | 39 | +4 | 44 | 35 | WSW | 2 | 4 | SSW | 8 | 0.08 | 0.08 | 3 |
| Helder | | | | | | * | * | | | | * | | | | |
| Cape Gris Nez | 29.882 | -.03 | 47 | 47 | +6 | ? | ? | WSW | 4 | 5 | SSW | ? | 0.08 | 0.08 | 3 |
| Brest | 30.102 | +.08 | 52 | 52 | +1 | ? | 49 | SW | 5 | 7 | S | 10 | 0.24 | 0.24 | 5 |
| L'Orient | 30.102 | +.07 | 57 | 57 | +1 | ? | ? | WSW | 5 | 5 | WSW | 10 | 0.32 | 0.32 | 5 |
| Rochefort | 30.262 | +.11 | 50 | 48 | 0 | 53 | 46 | SW | 7 | 7 | SW | 10 | 0.12 | 0.12 | 3 |
| Biarritz | 30.302 | +.00 | 48 | 46 | -4 | 62 | 46 | SE | 3 | 3 | E | 0 | 8 | - | 4 |
| Coranna | | | | | | * | * | | | | * | | | | |
| Brussels | 29.98 | - | 43 | * | - | * | * | W | 3 | * | * | * | 0 | * | * |
| Charleville | 30.10 | - | 41 | * | - | * | * | S | 1 | * | * | * | 0 | * | * |
| Paris | 30.138 | +.12 | 45 | * | +8 | 47 | 36 | SW | 4 | 1 | WSW | 10 | 0.55 | 0.55 | * |
| Lyons | ? | ? | 36 | * | +2 | ? | * | E | 3 | * | * | * | 2 | * | * |
| Toulon | 30.262 | +.05 | 50 | 45 | +8 | ? | 44 | NW | 5 | 7 | NW | 7 | 0 | - | 4 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-------------|-------|------|------|-------|----|------|------|-----------|-------|------|------|-------|----|------|------|
| Skudesnaes | 29.78 | 34 | - | SE | 9 | * | 5 | Valencia | 29.72 | 49 | 47 | S | 3 | 9 | 0 |
| Thurso | 29.30 | 38 | 37 | SSW | 4 | 8 | 2 | Scilly | 29.93 | 57 | 50 | S | 5 | 9 | 0 |
| Scarborough | 29.80 | 39 | 37 | SW | 1 | 3 | 2 | London | 30.01 | 43 | 43 | 2 | 0 | 6 | 0 |
| Greencastle | 29.60 | 41 | 40 | N | 4 | 4 | * | Rochefort | 30.18 | 50 | 48 | W | 5 | 10 | 0 |
| Holyhead | 29.78 | 48 | 45 | W | 3 | 4 | 3 | | | | | | | | |

The recovery of pressure has extended to our NW stations, where it has been high, but our SW coasts the barometer has begun to fall again since noon, & the wind has backed to S. again with a high sea. The weather continues very unsettled. Warnings issued.

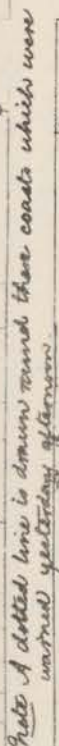
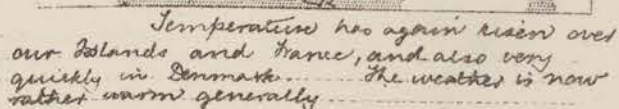
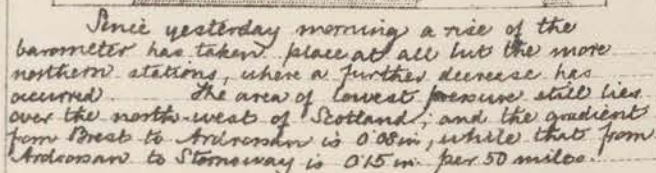
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail, l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

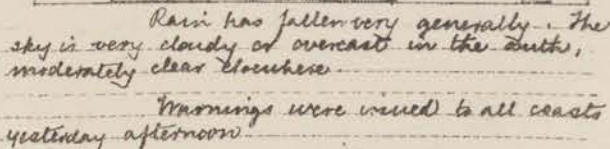
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

SUNDAY 3RD JANUARY 1875 AT 8 A.M.



The wind rose to a hard gale from the SW on some parts of our western and northern coasts last night. W or SW breezes are now general over these islands and France, drawing into S. in Denmark and to SE on the west coast of Norway. A moderate gale is blowing in Scotland, but elsewhere light to fresh breezes are prevalent. The sea is rather rough in the west and south.



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ROBERT H. SCOTT, Director.

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Delivery by hand 10/- per quarter
" " " post 5/- per quarter.

Mon-day 8 a.m.

WEATHER REPORT.

January 4th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather By Beaufort Scale. | R. In p.m. 24 Hours. | W. In p.m. 24 Hours. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|-------------------------------------|----------------------------|----------------------------|------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dir. |
| Haparanda ... | | | | | | * | * | | | | | | * | | * |
| Hernösand ... | | | | | | * | * | | | | | | * | | * |
| Stockholm ... | | | | | | * | * | | | | | | * | | * |
| Wisby ... | | | | | | * | * | | | | | | * | | * |
| Christiansund... | | | | | | * | * | | | | | | * | | * |
| Skudesnaes ... | | | | | | * | * | | | | | | * | | * |
| Oxö (X'tiansand) | | | | | | * | * | | | | | | * | | * |
| Skagen (The Skaw) | 29.62 | - .30 | 38 | 37 | +7 | * | * | NNN | 4 | 6 | SSE | * | c | - | * |
| Fanö ... | 29.89 | .00 | 36 | 36 | +4 | * | * | N | 2 | 4 | N | * | b | 0.12 | * |
| Cuxhaven ... | 29.99r | + .02 | 34 | 32 | 0 | 36 | ? | SN | 2 | 6 | N | q | rf | 0.30 | * |
| Sumburgh Head | 29.59r | + .38 | 41 | 41 | -1 | 44 | 38 | SE | 2 | 5 | S | 10 | do | 0.03 | 3 |
| Stornoway (Hebrides) | 29.48f | + .66 | 43 | 42 | +1 | 45 | 34 | SE | 5 | 9 | N | 10 | pd | 0.35 | 5 |
| Thurso... | | | | | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | | | | | |
| Nairn ... | 29.57r | | 39 | 38 | | 44 | 35 | Z | 0 | 5 | N | q | po | 0.12 | 1 |
| Aberdeen ... | 29.66r | + .08 | 39 | 38 | 0 | 45 | 35 | S | 1 | 6 | N | q | bo | - | 2 |
| Leith ... | 29.64f | + .21 | 39 | 39 | -3 | 42 | 34 | E | 4 | 8 | N | 10 | pr | 0.42 | * |
| Shields... | 29.75f | + .10 | 39 | 39 | -1 | 42 | 35 | S | 1 | 8 | N | q | bg | 0.07 | 2 |
| York ... | 29.71f | + .03 | 40 | 40 | -1 | 45 | 35 | S | 1 | 1 | S | 10 | f | 0.27 | * |
| Scarborough ... | 29.72f | + .01 | 40 | 40 | 0 | 42 | 38 | SN | 3 | 4 | NSN | q | bo | 0.63 | 2 |
| Nottingham ... | 29.78f | - .01 | 47 | 46 | +6 | 47 | 38 | S | 4 | 4 | S | 10 | co | 0.01 | * |
| Ardrossan ... | 29.54f | + .17 | 39 | 38 | -8 | 50 | 39 | NE | 2 | 9 | NSN | 8 | cdg | 0.20 | 2 |
| Greencastle ... | 29.50f | - .02 | 44 | 43 | 0 | 44 | 40 | S | 1 | 6 | NSN | 10 | cg | 0.07 | * |
| Donaghadee ... | 29.49f | - .07 | 47 | 47 | +4 | 47 | 40 | S | 2 | 7 | N | 10 | cr | 0.10 | 1 |
| Kingstown ... | 29.47f | - .24 | 50 | 49 | +4 | 51 | 45 | S | 2 | 6 | N | q | co | 0.04 | 2 |
| Holyhead ... | 29.63f | - .07 | 48 | 48 | +1 | 50 | 45 | SN | 3 | 5 | SN | 10 | rd | 0.19 | 3 |
| Liverpool (Bidston Obs.) | 29.70f | - .02 | 46 | 45 | 0 | 49 | 39 | SE | 2 | 7 | NSN | 10 | co | 0.07 | 2 |
| Valencia ... | 29.49f | - .36 | 50 | 49 | +2 | 55 | 48 | SN | 5 | 6 | SN | 8 | r | 0.38 | 6 |
| Roche's Point... | 29.51f | - .34 | 49 | 49 | +4 | 49 | 45 | SSN | 7 | 7 | SSN | 10 | or | 0.35 | 5 |
| Pembroke ... | 29.62f | - .26 | 49 | 49 | +1 | 49 | 45 | SSN | 6 | 6 | SSN | 10 | ow | 0.22 | 6 |
| Portishead ... | 29.84f | - .08 | 50 | 49 | +3 | 53 | 42 | SN | 4 | 5 | N | 10 | rg | 0.07 | 4 |
| Scilly ... | 29.74f | - .25 | 52 | 51 | +1 | 53 | 50 | S | 6 | 7 | S | q | fo | 0.49 | 6 |
| Plymouth ... | 29.83f | - .17 | 50 | 50 | +1 | 52 | 48 | S | 3 | 4 | S | 10 | rg | 0.30 | * |
| Hurst Castle ... | 29.87f | - .07 | 48 | 48 | +1 | 49 | 47 | SN | 6 | 6 | SN | 10 | ro | 0.33 | 5 |
| Dover ... | 29.98f | + .08 | 47 | 46 | 0 | 48 | 42 | NSN | 3 | 4 | NSN | 5 | bfg | 0.04 | 3 |
| London ... | 29.91f | + .02 | 50 | 48 | 0 | 53 | 41 | SSN | 2 | 4 | N | 10 | aro | 0.07 | * |
| Oxford... | 29.85 | - .01 | 48 | 47 | 0 | 49 | 40 | S | 2 | 3 | SN | 10 | ow | 0.32 | * |
| Cambridge ... | 29.87f | + .05 | 44 | 44 | 0 | 47 | 35 | S | 1 | 2 | SN | 10 | co | 0.19 | * |
| Yarmouth ... | 29.88f | + .09 | 44 | 44 | 0 | 46 | 37 | SN | 2 | 4 | N | 8 | bm | 0.09 | 3 |
| Helder... | 29.95 | | 39 | * | | * | * | S | 3 | * | * | * | * | * | 2 |
| Cape Gris Nez... | 29.92f | + .04 | 47 | 47 | 0 | ? | 38 | SN | 4 | 5 | SSN | 10 | gan | 0.04 | 3 |
| Brest ... | 29.94r | - .16 | 51 | 49 | -1 | 53 | 49 | SN | 5 | 5 | SN | 10 | o | 0.08 | 5 |
| L'Orient ... | 29.97f | - .13 | 48 | 48 | -3 | ? | ? | SN | 3 | 5 | NSN | q | fo | 0.04 | 5 |
| Rochefort ... | 30.08f | - .18 | 45 | 43 | -5 | 52 | 42 | S | 5 | 7 | SN | 10 | ro | - | 3 |
| Biarritz ... | ? | ? | 55 | ? | +7 | 55 | 48 | N | 4 | 3 | E | 10 | fo | - | ? |
| Corunna ... | | | * | * | | * | * | | | * | * | * | * | * | * |
| Brussels ... | 30.03 | + .05 | 46 | * | +3 | * | * | NSN | 3 | * | * | * | ro | * | * |
| Charleville ... | 30.09 | + .01 | 38 | * | -3 | * | * | S | 1 | * | * | * | sn | * | * |
| Paris ... | 30.09f | - .04 | 44 | * | -1 | 50 | 43 | SE | 4 | 4 | SN | 10 | sn | - | * |
| Lyons ... | ? | ? | 43 | * | +7 | * | * | SE | 1 | * | * | * | f | * | * |
| Toulon... | 30.26f | 00 | 46 | 46 | -4 | 57 | 45 | E | 5 | 5 | NN | q | co | - | 4 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

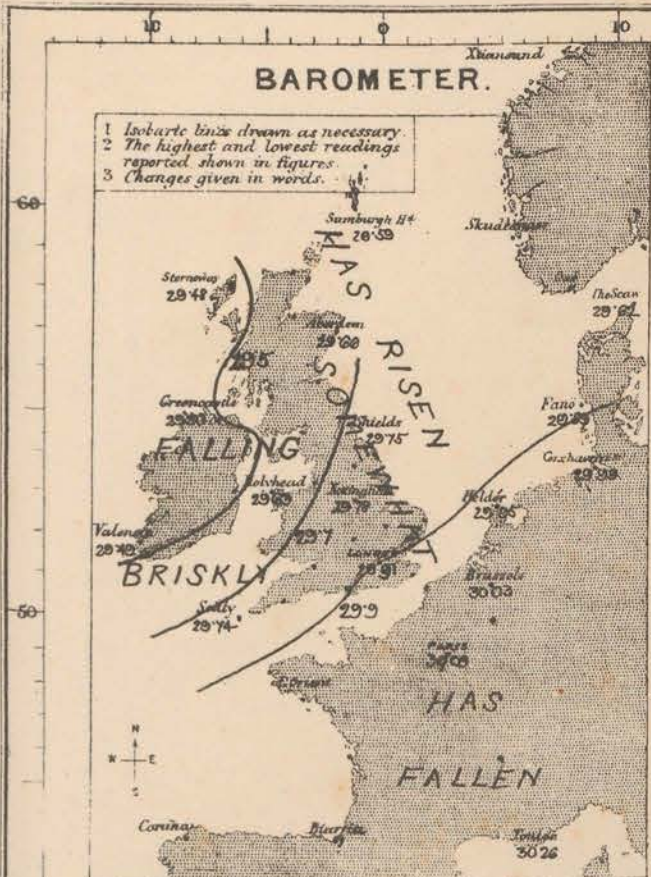
| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-----------------|-------|------|------|-------|----|------|------|---------------|-------|------|------|-------|----|------|------|
| Skudesnaes ... | 29.45 | 37 | 36 | SE | 8 | * | 5 | Valencia ... | | | | | | | |
| Thurso ... | | | | | | | | Scilly ... | | | | | | | |
| Scarborough ... | | | | | | | | London ... | | | | | | | |
| Greencastle ... | | | | | | | * | Rochefort ... | 30.28 | 50 | 48 | SN | 5 | 10 | 5 |
| Holyhead ... | | | | | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

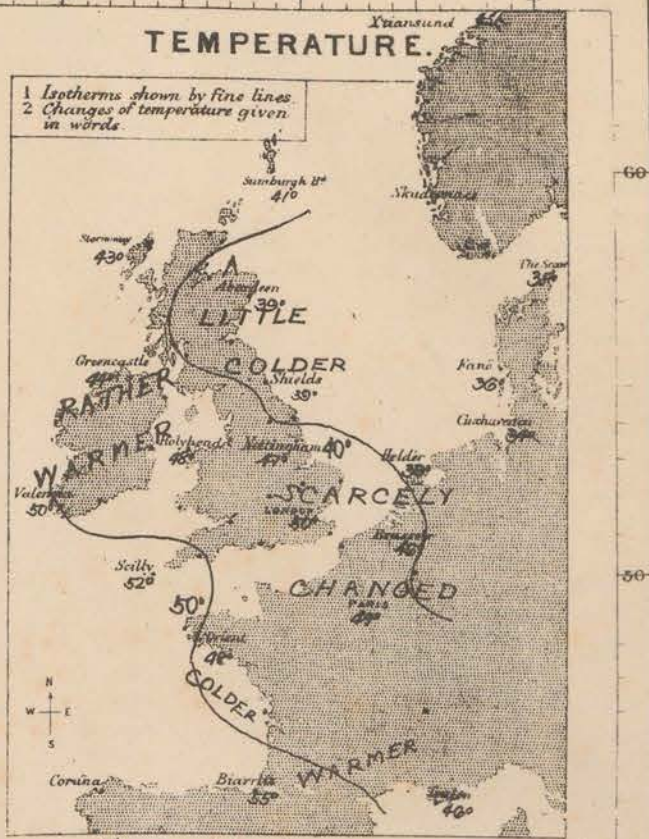
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

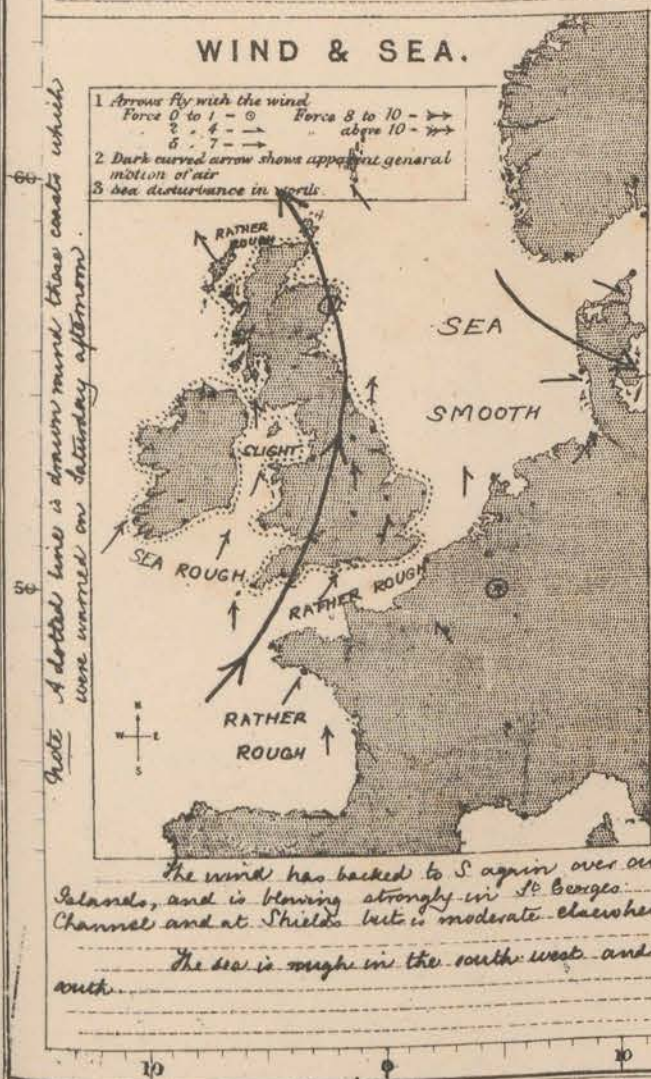
WEATHER CHARTS
AND REMARKS FOR
MONDAY 4TH JANUARY 1875 AT 8 A.M.



The barometre is now falling again generally over the British Isles, especially in the west and north. The highest readings are reported from the French stations, while the lowest are to the W. of our Islands. Regardant from Paris to Holyhead is 005 mi per 50 miles.



Temperature has changed very irregularly since yesterday. It is still rather high in most places.



The wind has backed to S again over our Islands, and is blowing strongly in St George Channel and at Shields but is moderate elsewhere. The sea is rough in the south west and south.



Rain has fallen very generally and continues in the south of Ireland as well as at Leitrim. The sky is overcast and the weather unsettled.

All our coats were washed one Saturday afternoon.

*Subscription for these Charts payable in advance
to cover delivery.
Delivery by hand 10/- per quarter.
 boat post 5/- per quarter.*

Meteorological Office
116, Victoria Strt., Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lth, 22, Bedford St. Covent Garden

Tues. day 8 a.m.

WEATHER REPORT.

January 5th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Distur- ance 0 to 9. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dirac. |
| Haparanda | 30.04 | -.27 | 34 | ? | +2 | * | * | W | 4 | ? | ? | * | o | * | * |
| Hernösand | 30.01 | +.25 | 34 | 34 | +1 | * | * | NE | 2 | 0 | 2 | * | bo | * | * |
| Stockholm | 29.94 | +.19 | 327 | 326 | -2 | * | * | Z | 0 | 0 | Z | * | fo | * | * |
| Wisby | 29.97 | +.17 | 331 | 330 | 0 | * | * | SE | 4 | 2 | S | * | se | * | * |
| Christiansund | 29.79 | +.06 | 29 | 27 | 0 | 29 | 27 | E | 2 | 2 | E | * | b | ? | 4 |
| Skudesnaes | 29.46 | -.29 | 37 | 36 | +2 | 37 | 36 | SSE | 6 | 4 | SE | * | r | 0.35 | 7 |
| Oxö (X'tiansand) | 29.41 | -.02 | 28 | 28 | -2 | 28 | 28 | ? | 6 | 4 | NNE | * | s | ? | 3 |
| Skagen (The Skaw) | 29.87 | +.25 | 31 | 29 | -7 | * | * | SE | 2 | 2 | ENE | * | os | 0.04 | * |
| Fanö | 29.78 | +.11 | 36 | 36 | 0 | * | * | SW | 2 | 2 | S | * | r | 0.20 | * |
| Cuxhaven | 29.86 f | -.13 | 38 | 37 | +4 | ? | 32 | SW | 1 | 3 | SSW | 9 | rf | 0.04 | * |
| Simburgh Head | 29.48 f | +.11 | 43 | 43 | +2 | 45 | 38 | NNE | 3 | 4 | SSE | 10 | df | 0.04 | 6 |
| Stornoway (Hobbes) | 29.55 r | +.07 | 42 | 42 | -1 | 45 | 39 | SW | 3 | 5 | SSW | 10 | g | 0.03 | 4 |
| Thurso | 29.59 r | +.02 | 40 | 39 | +1 | 44 | 38 | W | 1 | 2 | SE | 8 | o | 0.01 | 1 |
| Wick | 29.62 r | +.06 | 39 | 38 | -3 | 43 | 36 | W | 1 | 3 | S | 9 | fo | - | 1 |
| Nairn | 29.63 r | +.06 | 39 | 37 | 0 | 42 | 37 | Z | 0 | 0 | Z | 9 | ro | 0.27 | 1 |
| Aberdeen | 29.63 r | -.03 | 39 | 37 | 0 | 43 | 38 | WSW | 1 | 1 | S | 2 | db | 0.14 | 1 |
| Leith | 29.72 r | +.08 | 40 | 39 | +1 | 50 | 38 | W | 2 | 1 | NE | 6 | ro | 0.18 | * |
| Shields | 29.80 r | +.05 | 40 | 39 | +1 | 43 | 37 | Z | 0 | 3 | W | 6 | oga | - | 2 |
| York | 29.85 r | +.14 | 40 | 39 | 0 | 46 | 30 | SW | 1 | 1 | SW | 10 | o | - | * |
| Scarborough | 29.85 r | +.13 | 39 | 39 | -1 | 46 | 38 | W | 1 | 4 | SW | 7 | oc | 0.02 | 1 |
| Nottingham | 29.92 r | +.14 | 39 | 39 | -8 | 50 | 39 | W | 1 | 4 | SSE | 1 | bf | - | * |
| Ardrossan | 29.69 r | +.15 | 45 | 43 | +6 | 48 | 39 | SSW | 3 | 3 | SSW | 7 | ro | 0.80 | 3 |
| Greencastle | 29.64 r | +.14 | 43 | 42 | -1 | 46 | 40 | Z | 0 | 1 | SE | 10 | dg | 0.22 | * |
| Donaghadee | 29.70 r | +.21 | 42 | 42 | -5 | 48 | 38 | SSW | 4 | 4 | SSW | 8 | ro | 0.27 | 3 |
| Kingstown | 29.78 r | +.31 | 45 | 44 | -5 | 53 | 44 | SE | 4 | 3 | S | 7 | oc | 0.04 | 3 |
| Holyhead | 29.82 r | +.19 | 46 | 45 | -2 | 50 | 43 | SW | 2 | 4 | SW | 10 | dmg | 0.05 | 2 |
| Liverpool (Bidston Obs.) | 29.85 r | +.15 | 43 | 40 | -3 | 48 | 41 | SW | 3 | 4 | WSW | 2 | ob | 0.05 | 2 |
| Valencia | 29.63 r | +.14 | 51 | 49 | +1 | 53 | 44 | SSW | 6 | 6 | SSW | 7 | c | 0.36 | 6 |
| Roche's Point | 29.76 r | +.25 | 46 | 45 | -3 | 49 | 41 | SSW | 6 | 7 | SSW | 6 | c | 0.18 | 5 |
| Pembroke | 29.88 r | +.26 | 47 | 46 | -2 | 49 | 46 | SW | 1 | 5 | SSW | 3 | mb | 0.02 | 3 |
| Portishead | 29.94 r | +.10 | 44 | 43 | -6 | 52 | 40 | W | 3 | 4 | WSW | 10 | dg | 0.06 | 3 |
| Scilly | 29.93 r | +.19 | 49 | 49 | -3 | 52 | 48 | S | 5 | 6 | S | 5 | oc | 0.04 | 4 |
| Plymouth | 29.98 r | +.15 | 43 | 43 | -7 | 52 | 41 | Z | 0 | 5 | S | 10 | qf | 0.15 | * |
| Hurst Castle | 30.00 r | +.13 | 43 | 42 | -5 | 49 | 40 | WSW | 1 | 6 | SW | 2 | db | 0.07 | 4 |
| Dover | 29.95 r? | +.03 | 45 | 44 | -2 | 48 | 43 | WSW | 3 | 4 | SW | 5 | c | 0.03 | 3 |
| London | 29.96 r | +.05 | 42 | 41 | -8 | 53 | 42 | WSW | 2 | 3 | SW | 6 | oc | 0.04 | * |
| Oxford | 29.95 | +.10 | 41 | 40 | -7 | 51 | 41 | SW | 1 | 4 | S | 7 | oc | 0.02 | * |
| Cambridge | 29.93 r | +.06 | 41 | 41 | -3 | 50 | 38 | SW | 2 | 2 | SW | 4 | oc | 0.06 | * |
| Yarmouth | 29.90 r | +.02 | 44 | 44 | 0 | 47 | 39 | W | 1 | 2 | SSW | 8 | fxn | 0.04 | 2 |
| Helder | 29.86 | +.09 | 41 | * | +2 | * | * | SW | 4 | * | * | * | * | * | 2 |
| Cape Gris Nez | 29.94 r | +.02 | 45 | 45 | -2 | 49 | 43 | W | 3 | 5 | SSW | 10 | o | - | 2 |
| Brest | 30.06 r | +.12 | 49 | 49 | -2 | 53 | 48 | SW | 3 | 7 | SSW | 1 | gb | 0.08 | 5 |
| L'Orient | 30.07 r | +.10 | 47 | 47 | -1 | ? | ? | W | 1 | 7 | SW | 6 | ro | 0.24 | 5 |
| Rochefort | 30.14 r | +.06 | 47 | 45 | +2 | 51 | 42 | W | 3 | 5 | S | 10 | o | - | 3 |
| Biarritz | 30.22 r | ? | 52 | 50 | -3 | 57 | 49 | S | 1 | 3 | S | 9 | o | - | 5 |
| Corunna | | | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels | 29.97 | +.06 | 46 | * | 0 | * | * | W | 3 | * | * | * | o | * | * |
| Charleville | 30.01 | +.08 | 37 | * | -1 | * | * | S | 1 | * | * | * | o | * | * |
| Paris | 30.03 r | +.06 | 44 | * | 0 | 47 | 44 | WSW | 3 | 4 | S | 10 | cm | - | * |
| Lyons | ? | ? | 46 | * | +3 | * | * | S | 1 | * | * | * | f | * | * |
| Toulon | 30.18 r | +.08 | 47 | 45 | +1 | 50 | 45 | W | 4 | 5 | E | 9 | o | - | 3 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-------------|-------|------|------|-------|----|------|------|---|-----------|-------|------|-------|----|------|------|
| Skudesnaes | 29.78 | 37 | 35 | ESE | 4 | * | 0 | 4 | Valencia | ? | 51 | 49 | SW | 4 | 5 |
| Thurso | 29.48 | 44 | 43 | SE | 2 | 9 | 0 | 1 | Scilly | 29.67 | 51 | 50 | S | 6 | 9 |
| Scarborough | 29.67 | 43 | 43 | SW | 3 | 10 | 0 | 3 | London | 29.82 | 52 | 50 | SW | 2 | 9 |
| Greencastle | 29.43 | 46 | 46 | SE | 1 | 10 | d | * | Rochefort | 30.02 | 49 | 47 | SW | 4 | 10 |
| Holyhead | 29.53 | 49 | 48 | SW | 4 | 10 | d | ? | | | | | | | |

The barometer continues to fall generally. The winds are moderate from SW. except in the N. where light SE air is felt.

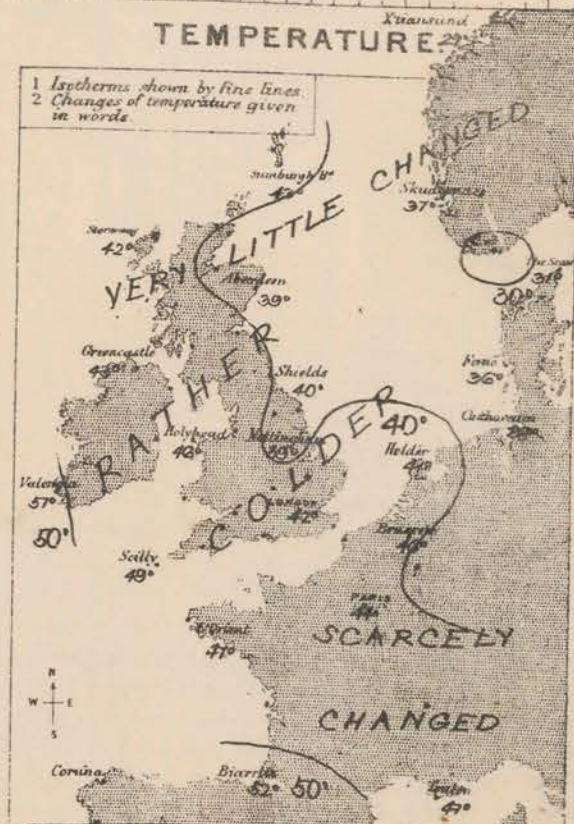
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

TUESDAY 5TH JANUARY 1875 AT 8 A.M.



During the night a shallow depression has advanced to the N^W of our Islands and now lies between the Scotch and Norwegian coasts. The barometer has since risen generally but there are indications of a fresh fall on our extreme south-west coasts, and the gradient from Scilly to Valencia is 0.015 in per 50 miles.

Temperature has fallen over England and
land, but is very little changed



The wind circulates round the low pressure in the north, being SE^{ly} in the west of Norway, NE^{ly} in the Shetlands, and light W^{ly} on the east coast of Scotland. Elsewhere SW^{ly} to W^{ly} breezes prevail, blowing freely in the south west.

The sea is rather rough in the Bay of Biscay and off the south of Ireland, moderate to smooth elsewhere.

Some rain has fallen except in the north-east. The amount of cloud is very irregularly distributed but the sky is tolerably clear at our south-western stations.

Subscriptions for these Charts payable in advance
to cover delivery.
Delivery by hand 10/- per quarter
" " book post 5/- per quarter.

Meteorological Office
116, Victoria Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden

Wednesday 8 a.m.

WEATHER REPORT.

January 6th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Dis- tance 0 to 6. |
|------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|---------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. (0 to 12.) | Force. (0 to 12.) | Direc. | | | | |
| Haparanda ... | 30.25 | + .31 | 13 | 13 | -17 | * | * | ? | 2 | 2 | NW | * | 6 | * | * |
| Hernösand ... | 30.32 | + .31 | 16 | 15 | +12 | * | * | NE | 2 | 2 | N | * | co | * | * |
| Stockholm ... | 30.12 | + .18 | 23 | 23 | -4 | * | * | N | 2 | 1 | NNE | * | so | * | * |
| Wisby ... | 30.12 | + .15 | 30 | 29 | -1 | * | * | E | 2 | 2 | SW | * | c | * | * |
| Christiansund ... | 30.02 | + .23 | 28 | 26 | -1 | 28 | 27 | ESE | 1 | 6 | ESE | * | 6 | - | 2 |
| Skudesnaes ... | 30.03 | + .57 | 37 | 36 | 0 | 37 | 36 | SSE | 6 | 4 | E | * | r | 0.28 | 6 |
| Oxö (X'iansand) ... | 30.08 | + .37 | 31 | 30 | +3 | 32 | 30 | NNE | 4 | 4 | NNE | * | co | - | 3 |
| Skagen (The Skaw) ... | 30.09 | + .22 | 34 | 33 | +3 | * | * | E | 2 | 2 | SE | * | ro | 0.20 | * |
| Fanö ... | 30.05 | + .27 | 34 | 34 | -2 | * | * | N | 2 | 2 | NSW | * | oo | 0.12 | * |
| Cuxhaven ... | 30.045 | + .18 | 35 | 35 | -3 | 38 | ? | NSW | 1 | 2 | NSW | 9 | f | 0.04 | * |
| Sumburgh Head ... | 29.685 | + .20 | 45 | 45 | +2 | 46 | 38 | S | 4 | 2 | NNE | 10 | go | - | 6 |
| Stornoway (Hebrides) ... | 29.505 | - .05 | 48 | 47 | +6 | 48 | 42 | S | 6 | 4 | S | 10 | d | 0.20 | 6 |
| Thurso ... | 29.635 | + .04 | 43 | 42 | +3 | 45 | 37 | SSE | 1 | 2 | SSE | 8 | o | 0.04 | 1 |
| Wick ... | 29.705 | + .08 | 40 | 39 | +1 | 45 | 37 | S | 2 | 3 | SW | 9 | o | 0.01 | 2 |
| Nairn ... | 29.645 | + .01 | 46 | 43 | +7 | 48 | 39 | SW | 2 | 2 | NSW | 6 | oo | - | 1 |
| Aberdeen ... | 29.745 | + .11 | 43 | 41 | +4 | 43 | 37 | S | 1 | 1 | SSW | 5 | oo | 0.02 | 1 |
| Leith ... | 29.775 | + .05 | 50 | 47 | +10 | 51 | 47 | SW | 2 | 3 | SW | 8 | co | - | * |
| Shields ... | 29.865 | + .06 | 40 | 40 | 0 | 43 | 37 | S | 3 | 3 | SSW | 8 | cg | - | 2 |
| York ... | 29.915 | + .06 | 41 | 41 | +1 | 45 | 38 | S | 1 | 1 | S | 10 | o | - | * |
| Scarborough ... | 29.935 | + .08 | 42 | 42 | +3 | 43 | 39 | SSW | 2 | 2 | SW | 7 | c | - | 2 |
| Nottingham ... | 29.955 | + .03 | 46 | 45 | +7 | 47 | 38 | S | 4 | 4 | S | 10 | cg | - | * |
| Ardrossan ... | 29.695 | - .00 | 47 | 46 | +2 | 49 | 45 | SSE | 3 | 4 | NSE | 7 | c | - | 4 |
| Greencastle ... | 29.545 | - .10 | 48 | 47 | +5 | 48 | 42 | S | 5 | 5 | S | 10 | g | 0.01 | * |
| Donaghadee ... | 29.635 | - .07 | 49 | 49 | +7 | 49 | 42 | S | 7 | 7 | SSW | 10 | co | - | 5 |
| Kingstown ... | 29.655 | - .13 | 49 | 48 | +4 | 51 | 45 | SSE | 4 | 4 | SE | 10 | gr | 0.09 | 3 |
| Holyhead ... | 29.725 | - .10 | 49 | 48 | +3 | 50 | 45 | SSW | 5 | 5 | SSW | 10 | to | 0.01 | 4 |
| Liverpool (Bidston Obs.) ... | 29.845 | - .01 | 46 | 45 | +3 | 50 | 43 | ESE | 3 | 5 | SE | 7 | c | - | 2 |
| Valencia ... | 29.515 | - .12 | 50 | 49 | -1 | 54 | 48 | SSW | 3 | 8 | SSW | 8 | rg | 0.62 | 5 |
| Roche's Point ... | 29.575 | - .19 | 48 | 48 | +2 | 49 | 43 | SSW | 5 | 7 | S | 10 | qfr | 0.38 | 5 |
| Pembroke ... | 29.745 | - .14 | 49 | 48 | +2 | 49 | 46 | S | 6 | 6 | S | 6 | cp | 0.01 | 5 |
| Portishead ... | 29.885 | - .06 | 49 | 47 | +5 | 52 | 40 | S | 6 | 7 | S | 10 | gw | 0.01 | 3 |
| Scilly ... | 29.735 | - .20 | 53 | 50 | +4 | 53 | 48 | SSE | 6 | 6 | S | 9 | o | 0.08 | 6 |
| Plymouth ... | 29.875 | - .11 | 51 | 50 | +8 | 52 | 41 | S | 4 | 5 | S | 10 | oo | 0.02 | * |
| Hurst Castle ... | 29.985 | - .02 | 46 | 45 | +3 | 48 | 43 | S | 5 | 5 | S | 8 | bo | 0.01 | 4 |
| Dover ... | 30.085 | + .13 | 44 | 43 | -1 | 47 | 42 | SW | 3 | 3 | NSW | 10 | co | - | 2 |
| London ... | 30.035 | + .07 | 45 | 44 | +3 | 50 | 41 | S | 2 | 3 | N | 7 | be | - | * |
| Oxford ... | 29.965 | + .01 | 45 | 44 | +4 | 48 | 41 | SSE | 1 | 2 | SSE | 10 | om | - | * |
| Cambridge ... | 30.025 | + .09 | 42 | 42 | +1 | 46 | 36 | S | 1 | 2 | SW | 10 | co | - | * |
| Yarmouth ... | 30.055 | + .15 | 41 | 41 | -3 | 45 | 39 | S | 2 | 2 | N | 10 | mo | - | 3 |
| Helder ... | 30.075 | + .21 | 39 | * | -2 | * | * | SSW | 3 | * | * | * | * | - | 2 |
| Cape Gris Nez ... | 30.085 | + .14 | 40 | 40 | -5 | 47 | 39 | SSW | 3 | 4 | N | 9 | o | - | 2 |
| Brest ... | 29.975 | - .15 | 51 | 51 | +2 | 55 | 47 | S | 7 | 7 | S | 10 | o | - | 5 |
| L'Orient ... | 29.965 | - .11 | 46 | 46 | -1 | ? | ? | SSE | 4 | 4 | SW | 10 | cf | - | 5 |
| Rochefort ... | 30.005 | - .06 | 37 | 35 | -10 | 56 | 35 | E | 4 | 4 | NW | 10 | bf | - | 3 |
| Biarritz ... | 30.075 | - .15 | 37 | 35 | -15 | 52 | 28 | E | 4 | 3 | E | 3 | f | - | 5 |
| Corunna ... | | | | * | | * | * | | | | * | * | | * | * |
| Brussels ... | 30.13 | + .16 | 43 | * | -3 | * | * | NSW | 3 | * | * | * | of | * | * |
| Charleville ... | 30.18 | + .17 | 36 | * | -1 | * | * | NSW | 3 | * | * | * | o | * | * |
| Paris ... | 30.155 | + .12 | 36 | * | -8 | 49 | 33 | ESE | 4 | 4 | NW | 10 | om | - | * |
| Lyons ... | ? | ? | 45 | * | -1 | * | * | SW | 1 | * | * | * | o | * | * |
| Toulon ... | 30.005 | - .18 | 47 | 43 | 0 | 54 | 43 | E | 4 | 5 | NW | ? | to | - | 5 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| STOPS AND REMARKS. | | | | | | | | | | | | | | | | |
|--------------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|---|---|
| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | | |
| Skudesnaes ... | 29.78 | 36 | 36 | E | 6 | * | h | 6 | Valencia ... | 29.58 | 51 | 50 | SSW | 8 | 9 | m |
| Thurso ... | 29.67 | 40 | 39 | SSE | 1 | 10 | d | 0 | Scilly ... | 29.92 | 53 | 50 | S | 6 | 7 | a |
| Scarborough... | 29.95 | 42 | 40 | SW | 1 | 8 | o | 1 | London ... | 30.00 | 48 | 46 | SW | 2 | 8 | a |
| Greencastle .. | 29.64 | 46 | 45 | SSW | 2 | 9 | o | * | Rochefort... | 30.16 | 55 | 51 | S | 1 | 5 | a |
| Holyhead ... | 29.81 | 48 | 47 | SSW | 5 | 7 | m | 3 | | | | | | | | |

The S. wind has increased to a gale at Valencia with a high sea and the fall of the barometer, though it continues very slight has extended to Holyhead and Scilly.

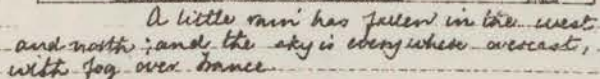
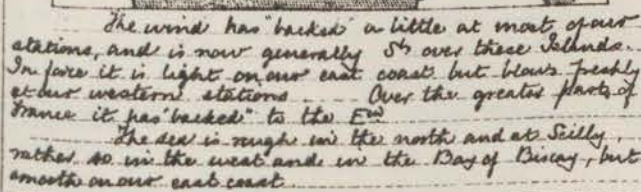
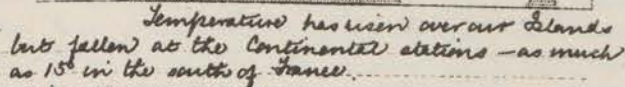
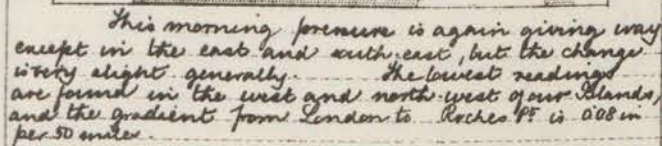
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEDNESDAY 6TH JANUARY 1875 AT 8 A.M.



Dangerfield, Lth, 22, Bedford St. Covent Garden

Thursday 8 a.m.

WEATHER REPORT. January 7th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. — By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Disur- ance. — 0 to 9. |
|--------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|---------------------------|---------------------------|--------|--------------------------------|--|-------------------------------------|-------------------------------------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. — (0 to 12.) | Force. — (0 to 12.) | Dirac. | | | | |
| Haparanda | 30.37 | +0.02 | 6 | 6 | +19 | * | * | NE | 2 | 2 | 11 | * | 0 | * | * |
| Hernösand | 30.39 | +0.07 | 4 | 4 | -12 | * | * | NE | 2 | 2 | NE | * | 0.0 | * | * |
| Stockholm | 30.42 | +0.30 | 6 | 6 | -14 | * | * | WNW | 2 | 2 | NNE | * | 0.0 | * | * |
| Wisby | 30.44 | +0.22 | 27 | 26 | -3 | * | * | E | 2 | 4 | E | * | 0 | * | * |
| Christiansund | 30.19 | +0.17 | 35 | 31 | +7 | 36 | 30 | E | 4 | 2 | E | * | 0.0 | — | 3 |
| Skudesnaes | 30.28 | +0.25 | 37 | 35 | 0 | 39 | 34 | SE | 6 | 6 | SSE | * | 0.0 | — | 5 |
| Oxö (X'tiansand) | 30.36 | +0.28 | 35 | 34 | +4 | 50 | 30 | SE | 4 | 6 | NNE | * | 0.0 | — | 3 |
| Skagen (The Skaw) | 30.40 | +0.31 | 31 | 31 | -3 | * | * | S | 4 | 2 | ESE | * | 0.0 | — | * |
| Fanö | 30.32 | +0.27 | 33 | 33 | -1 | * | * | SE | 4 | 2 | S | * | 0.0 | — | * |
| Cuxhaven | 30.30 | +0.26 | 34 | 34 | -1 | ? | 31 | SE | 4 | 2 | W | 9 | 0.0 | 0.02 | * |
| Simburgh Head | 29.89 | +0.21 | 45 | 45 | 0 | 46 | 38 | S | 7 | 6 | S | 10 | 0 | — | 7 |
| Stornoway (Hebrides) | 29.75 | +0.25 | 45 | 43 | -3 | 48 | 43 | SW | 5 | 6 | S | 5 | 0.0 | 0.27 | 1 |
| Thurso | 29.85 | +0.22 | 42 | 41 | -1 | 45 | 41 | SSE | 2 | 4 | SSE | 8 | 0 | — | 1 |
| Wick | 29.88 | +0.18 | 44 | 43 | +4 | 47 | 43 | S | 1 | 4 | SSE | 10 | 0.0 | — | 2 |
| Nairn | 29.84 | +0.23 | 46 | 42 | 0 | 51 | 46 | ESE | 1 | 2 | W | 7 | 0 | — | 1 |
| Aberdeen | 29.94 | +0.20 | 43 | 42 | 0 | 45 | 42 | S | 3 | 3 | S | 10 | 0.0 | 0.03 | 2 |
| Leith | 29.96 | +0.19 | 45 | 44 | -5 | 55 | 44 | S | 2 | 3 | SSW | 10 | 0 | — | * |
| Shields | 30.03 | +0.17 | 40 | 39 | 0 | 44 | 39 | S | 3 | 5 | SW | 5 | 0 | — | 2 |
| York | 30.06 | +0.15 | 39 | 38 | -2 | 41 | 37 | SSW | 1 | 1 | S | 10 | 0 | — | * |
| Scarborough | 30.08 | +0.15 | 39 | 38 | -3 | 46 | 38 | S | 2 | 2 | SSW | 10 | 0 | — | 2 |
| Nottingham | 30.07 | +0.12 | 40 | 39 | -6 | 50 | 34 | SSE | 3 | 4 | SSE | 10 | 0.0 | — | * |
| Ardrossan | 29.88 | +0.19 | 46 | 44 | -1 | 57 | 46 | SSE | 2 | 6 | SSE | 8 | 0.0 | 0.45 | 3 |
| Greencastle | 29.86 | +0.32 | 44 | 43 | -4 | 48 | 43 | S | 2 | 5 | S | 9 | 0.0 | 0.07 | * |
| Donaghadee | 29.86 | +0.23 | 45 | 43 | -4 | 50 | 45 | SSW | 4 | 7 | S | 8 | 0.0 | 0.04 | 3 |
| Kingstown | 29.91 | +0.26 | 47 | 45 | -2 | 52 | 46 | S | 2 | 6 | S | 6 | 0.0 | 0.04 | 2 |
| Holyhead | 29.92 | +0.20 | 46 | 45 | -3 | 51 | 45 | SSW | 2 | 6 | SSE | 10 | 0.0 | 0.05 | 2 |
| Liverpool (Bidston Obs.) | 29.98 | +0.14 | 43 | 41 | -3 | 57 | 41 | SE | 2 | 5 | SE | 10 | 0.0 | — | 2 |
| Valencia | 29.88 | +0.37 | 43 | 42 | -7 | 52 | 42 | SW | 2 | 4 | SW | 4 | 0.0 | 0.13 | 3 |
| Roche's Point | 29.99 | +0.42 | 41 | 40 | -7 | 50 | 41 | WNW | 2 | 5 | SSW | 5 | 0.0 | 0.23 | 4 |
| Pembroke | 29.92 | +0.18 | 46 | 46 | -3 | 49 | 46 | SE | 1 | 6 | SSE | 10 | 0.0 | 0.04 | 2 |
| Portishead | 29.99 | +0.11 | 44 | 42 | -5 | 53 | 41 | SE | 3 | 6 | S | 10 | 0.0 | — | 1 |
| Scilly | 29.93 | +0.20 | 40 | 47 | -5 | 53 | 46 | NNW | 4 | 6 | S | 8 | 0.0 | 0.30 | 5 |
| Plymouth | 29.96 | +0.09 | 40 | 48 | -3 | 52 | 46 | SSE | 1 | 5 | SSE | 10 | 0.0 | 0.29 | * |
| Hurst Castle | 30.03 | +0.05 | 44 | 43 | -2 | 46 | 42 | SSE | 2 | 6 | SSE | 10 | 0 | — | 3 |
| Dover | 30.09 | +0.01 | 41 | 40 | -3 | 44 | 39 | SSW | 2 | 3 | SW | 6 | 0.0 | — | 2 |
| London | 30.07 | +0.04 | 42 | 40 | -2 | 52 | 40 | SE | 2 | 2 | SSW | 10 | 0.0 | — | * |
| Oxford | 30.01 | +0.05 | 42 | 40 | -3 | 50 | 41 | SE | 1 | 5 | S | 10 | 0.0 | — | * |
| Cambridge | 30.10 | +0.08 | 40 | 39 | -2 | 47 | 38 | SSE | 1 | 1 | S | 10 | 0 | — | * |
| Yarmouth | 30.13 | +0.08 | 38 | 38 | -3 | 42 | 37 | SSE | 2 | 4 | S | 10 | 0.0 | — | 2 |
| Helder | 30.21 | +0.14 | 38 | * | -1 | * | * | ESE | 3 | * | * | * | 0.0 | — | 2 |
| Cape Gris Nez | 30.07 | +0.01 | 35 | 33 | -4 | 42 | 35 | SE | 3 | 3 | SSW | 5 | 0.0 | — | 1 |
| Brest | 29.98 | +0.07 | 47 | 47 | -4 | 52 | 46 | SW | 3 | 7 | SSE | 10 | 0.0 | 0.20 | 5 |
| L'Orient | 29.94 | +0.02 | 48 | 48 | +2 | ? | ? | SW | 1 | 5 | SE | 8 | 0.0 | 0.04 | 5 |
| Rocheport | 30.09 | +0.01 | 43 | 41 | +6 | 55 | 36 | S | 5 | 5 | SE | 10 | 0.0 | — | 3 |
| Biarritz | 30.23 | +0.16 | 50 | 48 | +13 | 54 | 48 | SW | 4 | 4 | ESE | 9 | 0.0 | — | 5 |
| Corunna | | | * | * | | * | * | | * | * | * | * | 0.0 | — | * |
| Brussels | 30.16 | +0.03 | 38 | * | -5 | * | * | ESE | 3 | * | * | * | 0 | — | * |
| Charleville | 30.16 | +0.02 | 36 | * | 0 | * | * | SE | 3 | * | * | * | 0 | — | * |
| Paris | 30.12 | +0.03 | 33 | * | -3 | 43 | 32 | ESE | 4 | 4 | S | 10 | 0.0 | — | * |
| Lyons | ? | ? | 37 | * | -8 | * | * | S | 3 | * | * | * | 0.0 | — | * |
| Toulon | 30.13 | +0.13 | 46 | 41 | -1 | 54 | 44 | NW | 3 | 4 | NW | 1 | 0.0 | — | 3 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-----------------|-------|------|-------|-----|------|------|---------------|-------|------|-------|-----|------|------|
| Skudesnaes ... | 30.10 | 38 | 36 | SE | 4 | * | Valencia ... | 29.55 | 52 | 50 | SW | 4 | 6 |
| Thurso ... | 29.67 | 43 | 42 | SSE | 2 | 8 | Scilly ... | 29.75 | 50 | 50 | S | 6 | 10 |
| Scarborough ... | 29.94 | 45 | 45 | SSW | 2 | 10 | London ... | 30.04 | 48 | 46 | SSW | 2 | 4 |
| Greencastle ... | 29.56 | 48 | 47 | S | 1 | 10 | Rocheport ... | 30.01 | 41 | 40 | E | 4 | 10 |
| Holyhead ... | 29.71 | 57 | 49 | SSE | 6 | 5 | | | | | | | |

The mercury continues to fall at Rocheport, but has risen slightly over the Islands. The winds are unchanged.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

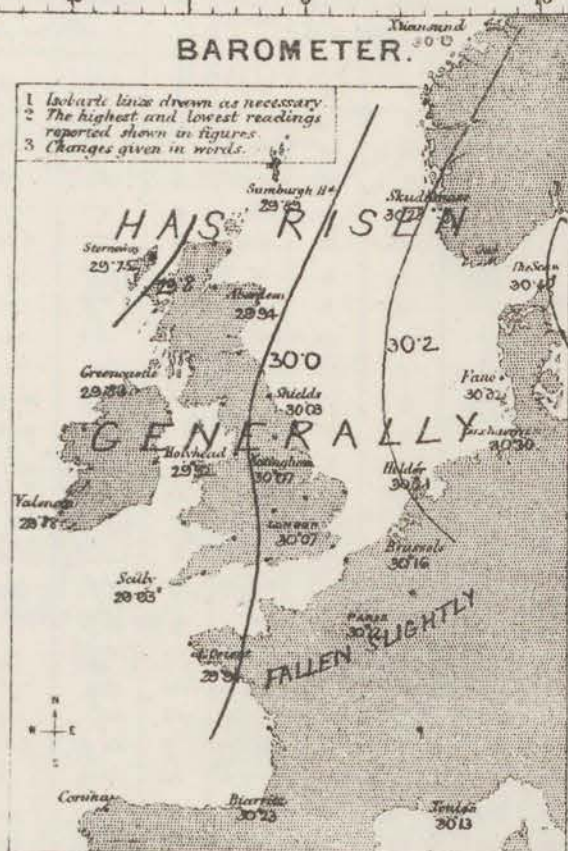
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

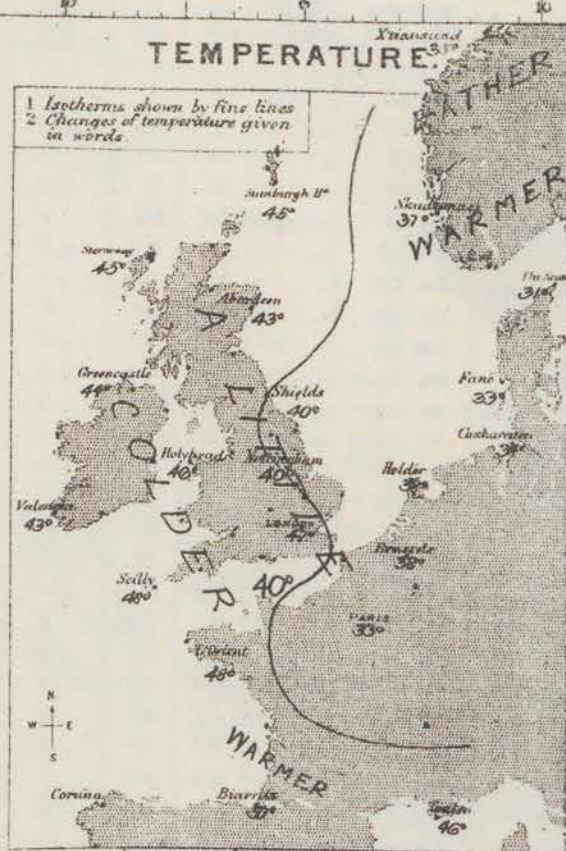
WEATHER CHARTS

AND REMARKS FOR

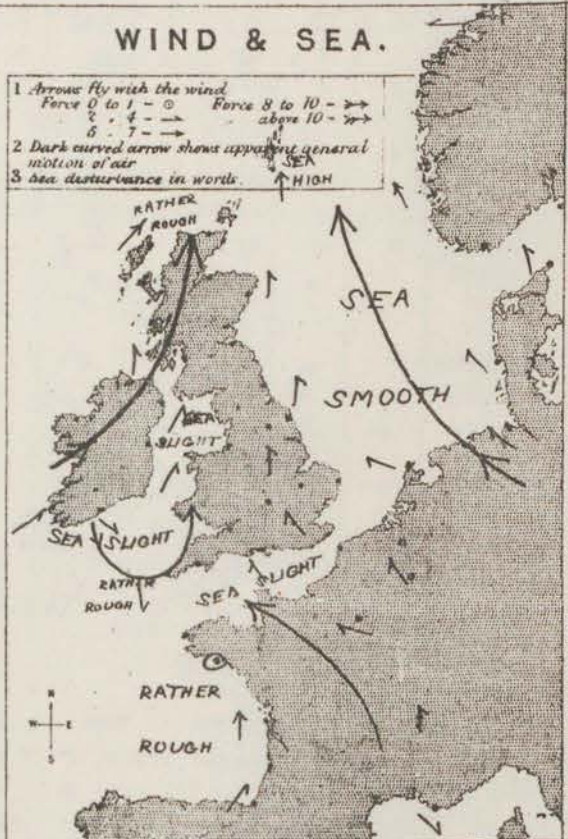
THURSDAY 7TH JANUARY 1875 AT 8 A.M.



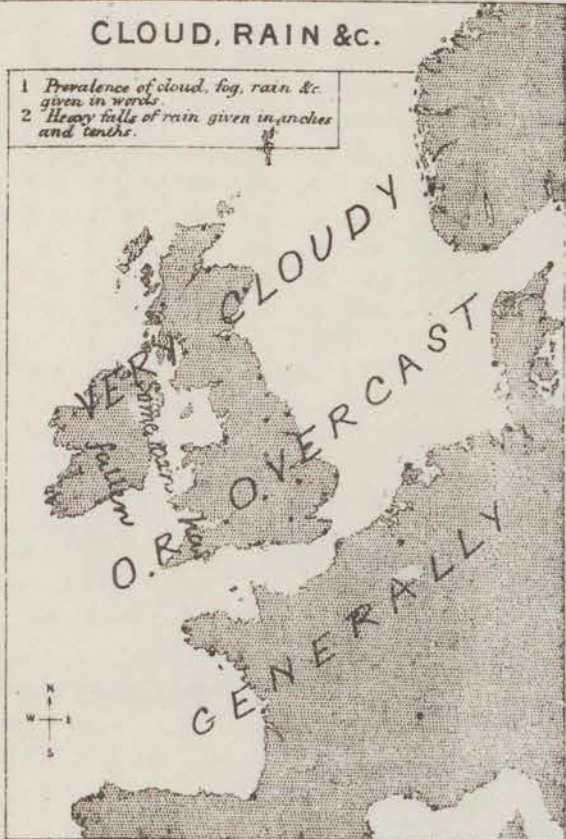
During the past 24 hours the barometer has risen somewhat over the whole country, the change having been greatest in the west. Readings are consequently more uniform than of late, but are highest in Denmark, and lowest off our extreme north-west coasts. The gradient from one to Stornoway is 0.07 in. per 50 miles.



Temperatures has decreased generally, though to a slight extent.



Moderate S. breezes prevail over nearly the whole of our Islands, and SE. winds on the eastern shores of the North Sea. On some of our south-west coasts a light NW breeze is felt locally, owing to a very small and shallow depression whose centre lies at the mouth of the Bristol Channel. The sea is high on the coasts of the Hebrides and Shetland Isles, moderate or smooth elsewhere.



A little rain has fallen in the west and south-west. The sky is overcast or very cloudy everywhere.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter
book post 5/- per quarter.

Meteorological Office
116, Victoria Str., Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22 Bedford St. Covent Garden.

Friday 8 a.m.

WEATHER REPORT.

January 8th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Direction 0 to 8. |
|------------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | Dir. | | | | |
| Haparanda ... | 30.28 | -.09 | 7 | 7 | +1 | * | * | N | 4 | 2 | SE | * | cb | * | * |
| Hernösand ... | 30.21 | -.10 | 14 | 14 | +10 | * | * | N | 2 | 0 | Z | * | cb | * | * |
| Stockholm ... | 30.18 | -.24 | 26 | 26 | +20 | * | * | N SW | 4 | 2 | N SW | * | c | * | * |
| Wisby ... | 30.30 | -.11 | 31 | ? | +4 | * | * | N | 2 | 2 | N W | * | c | * | * |
| Christiansund ... | 30.06 | -.13 | 35 | 34 | 0 | 37 | ? | Z | 0 | 0 | Z | * | r | 0.22 | 2 |
| Skudesnaes ... | 30.17 | -.11 | 40 | 39 | +3 | ? | ? | S. | 6 | 6 | SE | * | or | 0.01 | 5 |
| Oxö (X'tiansand) ... | 30.25 | -.11 | 34 | 33 | -1 | ? | ? | SW | 4 | 4 | S | * | et | - | 3 |
| Skagen (The Skaw)* | 30.31 | -.09 | 31 | 30 | 0 | * | * | SW | 4 | 2 | SSW | * | of | - | * |
| Fanö ... | 30.32 | -.00 | 28 | 28 | -5 | * | * | S | 4 | 4 | SSE | * | bo | - | * |
| Cuxhaven ... | 30.345 | +.04 | 28 | 23 | -6 | 34 | ? | SSE | 2 | 2 | SSE | 4 | oc | - | * |
| Simburgh Head ... | 30.03r | +.14 | 42 | 42 | -3 | 46 | 39 | N | 4 | 7 | S | 8 | og | 0.09 | 5 |
| Stornoway (Ho- brides.) | 29.97r | +.22 | 40 | 38 | -5 | 45 | 34 | S | 3 | 5 | N | 1 | bw | 0.05 | 3 |
| Thurso ... | 29.97r | +.22 | 32 | 31 | -10 | 44 | 31 | SSW | 1 | 2 | SSE | 4 | gb | - | 1 |
| Wick ... | 30.08r | +.20 | 36 | 35 | -8 | 45 | 35 | Z | 0 | 3 | S | 2 | cb | 0.01 | 1 |
| Nairn ... | 30.07r | +.20 | 31 | 29 | -15 | 47 | 30 | Z | 0 | 2 | S | 0 | cb | - | 1 |
| Aberdeen ... | 30.10r | +.16 | 34 | 33 | -9 | 44 | 32 | S | 1 | 3 | S | 2 | db | 0.03 | 1 |
| Leith ... | 30.13r | +.17 | 33 | 33 | -12 | 45 | 31 | NE | 1 | 2 | SSW | 10 | of | 0.12 | * |
| Shields ... | 30.16r | +.13 | 40 | 39 | 0 | 43 | 38 | S | 3 | 3 | S | 9 | og | - | 2 |
| York ... | 30.16r | +.10 | 37 | 37 | -2 | 44 | 36 | E | 1 | 1 | SE | 10 | of | - | * |
| Scarborough ... | 30.18r | +.10 | 38 | 38 | -1 | 41 | 38 | S | 1 | 2 | S | 10 | og | - | 2 |
| Nottingham ... | 30.17r | +.10 | 38 | 36 | -2 | 42 | 36 | ESE | 1 | 3 | SSE | 10 | g | - | * |
| Ardrossan ... | 30.06r | +.18 | 38 | 36 | -8 | 47 | 36 | E | 2 | 3 | SSW | 7 | cf | 0.03 | 2 |
| Greencastle ... | 29.96f | +.10 | 44 | 43 | 0 | 45 | 39 | SSE | 3 | 4 | N SW | 10 | og | - | * |
| Donaghadee ... | 29.99f | +.13 | 43 | 43 | -2 | 49 | 34 | SSE | 4 | 4 | SSE | 10 | do | - | 3 |
| Kingstown ... | 29.98f | +.07 | 44 | 42 | -3 | 48 | 41 | SSE | 5 | 3 | SSE | 10 | bo | - | 3 |
| Holyhead ... | 30.03s | +.11 | 42 | 41 | -4 | 48 | 41 | S | 2 | 2 | SSW | 4 | rc | - | 1 |
| Liverpool (Bishop's Cleeve) ... | 30.10r | +.12 | 39 | 38 | -4 | 42 | 37 | SSW | 2 | 3 | SE | 10 | of | 0.03 | 2 |
| Valencia ... | 29.63f | -.25 | 51 | 50 | +8 | 52 | 43 | S | 8 | 9 | S | 9 | fm | 0.04 | 8 |
| Roche's Point ... | 29.81f | -.18 | 45 | 44 | +4 | 46 | 41 | S | 7 | 7 | S | 8 | do | - | 5 |
| Pembroke ... | 29.99f | +.07 | 44 | 44 | -2 | 46 | 42 | N | 4 | 4 | N | 9 | fw | 0.03 | 3 |
| Portishead ... | 30.09f | +.10 | 40 | 40 | -4 | 46 | 37 | ENE | 2 | 3 | SE | 10 | rc | - | 0 |
| Scilly ... | 29.95f | +.02 | 50 | 49 | +2 | 51 | 44 | SSE | 6 | 6 | SSE | 7 | bw | 0.01 | 5 |
| Plymouth ... | 30.04f | +.08 | 45 | 45 | -3 | 49 | 43 | SE | 1 | 3 | SE | 10 | g | 0.14 | * |
| Hurst Castle ... | 30.12r | +.09 | 43 | 42 | -1 | 44 | 39 | SSE | 3 | 3 | SSE | 10 | og | 0.02 | 3 |
| Dover ... | 30.17r | +.08 | 38 | 37 | -3 | 42 | 36 | S | 1 | 2 | SSW | 6 | g | - | 1 |
| London ... | 30.15r | +.08 | 40 | 39 | -2 | 44 | 37 | SSE | 2 | 2 | SE | 10 | go | - | * |
| Oxford ... | 30.13 | +.12 | 39 | 39 | -3 | 42 | 39 | SE | 1 | 1 | SE | 10 | gar | - | * |
| Cambridge ... | 30.17r | +.07 | 38 | 38 | -2 | 41 | 36 | SSE | 1 | 1 | SSE | 10 | g | - | * |
| Yarmouth ... | 30.18r | +.05 | 38 | 38 | 0 | 39 | 37 | Z | 0 | 3 | SSE | 10 | mf | - | 2 |
| Helder ... | 30.28 | +.07 | 32 | * | -6 | * | * | SE | 3 | * | * | * | * | * | 2 |
| Cape Gris Nez ... | 30.18r | +.11 | 36 | 36 | +1 | 38 | 32 | S | 1 | 1 | SE | 10 | * | - | 1 |
| Brest ... | | | | | | | | | | | | | | | |
| L'Orient ... | 30.03f | +.09 | 44 | 44 | -4 | ? | ? | SSW | 1 | 4 | N W | 7 | or | 0.28 | 5 |
| Rochefort ... | 30.18f | +.09 | 37 | 35 | -6 | 55 | 34 | SSE | 7 | 5 | SW | 10 | cf | 0.08 | 3 |
| Biarritz ... | 30.17f | +.06 | 42 | 40 | -8 | 54 | 39 | SE | 4 | 4 | SW | 2 | rc | 0.08 | 4 |
| Cornnna ... | | | | * | | * | * | | | | * | * | * | * | * |
| Brussels ... | 30.22 | +.06 | 39 | * | +1 | * | * | SSW | 3 | * | * | * | or | * | * |
| Charleville ... | 30.20 | +.04 | 35 | * | -1 | * | * | S | 3 | * | * | * | or | * | * |
| Paris ... | 30.23r | +.11 | 39 | * | +6 | ? | 33 | S | 1 | 3 | SE | 10 | m | - | * |
| Lyons ... | ? | ? | 41 | * | +4 | * | * | N | 1 | * | * | * | f | * | * |
| Toulon ... | 30.23r | +.10 | 45 | 41 | -1 | 51 | 43 | E | 4 | 4 | N W | 8 | bo | - | 3 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|----|
| Skudesnaes ... | 30.32 | 38 | 32 | SE | 6 | * | 5 | 4 | Valencia ... | 29.93 | 48 | 46 | WSW | 3 | 4 | 3 |
| Thurso ... | 29.92 | 43 | 42 | SSE | 2 | 9 | 9 | 1 | Scilly ... | 30.00 | 50 | 47 | WN | 3 | 3 | 6 |
| Scarborough... | 30.11 | 40 | 40 | SSE | 2 | 10 | 5 | 2 | London ... | 30.09 | 44 | 43 | SE | 1 | 10 | og |
| Greencastle ... | 29.92 | 45 | 43 | SSW | 2 | 1 | 6 | * | Rochefort... | 30.12 | 50 | 46 | SW | 5 | 3 | a |
| Holyhead ... | 29.98 | 47 | 46 | S | 2 | 6 | m | 2 | | | | | | | | |

No important changes.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.

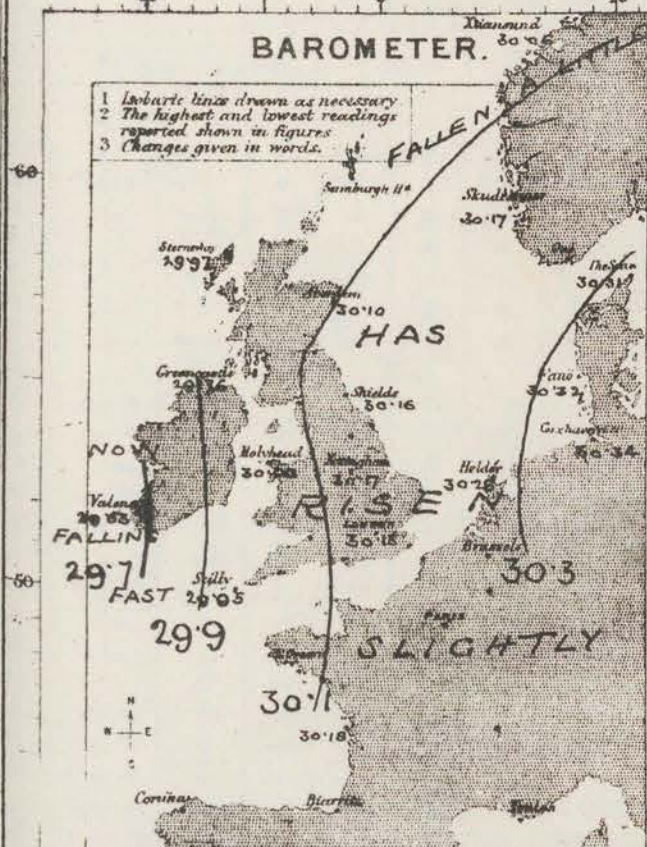
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS AND REMARKS FOR FRIDAY 8TH JAN^Y 1875 AT 8 A.M.

BAROMETER.

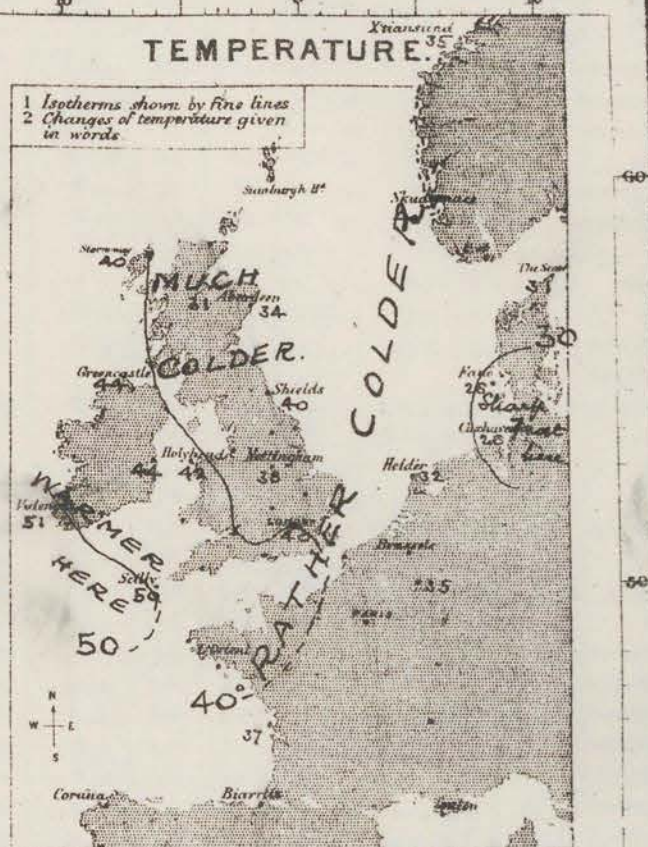
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past night a very brisk fall of the barometer has set in at the Irish Station and a less marked change in the North, while in the E. and SE. the mercury has continued to rise slowly. The highest readings lie over Denmark, and while the gradient from Copenhagen to Portland is only 0.03 in. that from Pembroke to Valencia is 0.09 in. per 50 miles, for S.E. winds.

TEMPERATURE.

- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has decreased very much in Scotland and to a less extent in most other places, but has risen several degrees on our most S.W. coasts.

WIND & SEA.

- 1 Arrows fly with the wind Force 0 to 1 - 0 Force 8 to 10 - 8 Force 10 to 12 - 10 Force 12 to 14 - 12 Force 14 to 16 - 14 Force 16 to 18 - 16 Force 18 to 20 - 18 Force 20 to 22 - 20 Force 22 to 24 - 22 Force 24 to 26 - 24 Force 26 to 28 - 26 Force 28 to 30 - 28 Force 30 to 32 - 30 Force 32 to 34 - 32 Force 34 to 36 - 34 Force 36 to 38 - 36 Force 38 to 40 - 38 Force 40 to 42 - 40 Force 42 to 44 - 42 Force 44 to 46 - 44 Force 46 to 48 - 46 Force 48 to 50 - 48 Force 50 to 52 - 50 Force 52 to 54 - 52 Force 54 to 56 - 54 Force 56 to 58 - 56 Force 58 to 60 - 58 Force 60 to 62 - 60 Force 62 to 64 - 62 Force 64 to 66 - 64 Force 66 to 68 - 66 Force 68 to 70 - 68 Force 70 to 72 - 70 Force 72 to 74 - 72 Force 74 to 76 - 74 Force 76 to 78 - 76 Force 78 to 80 - 78 Force 80 to 82 - 80 Force 82 to 84 - 82 Force 84 to 86 - 84 Force 86 to 88 - 86 Force 88 to 90 - 88 Force 90 to 92 - 90 Force 92 to 94 - 92 Force 94 to 96 - 94 Force 96 to 98 - 96 Force 98 to 100 - 98 Force 100 to 102 - 100 Force 102 to 104 - 102 Force 104 to 106 - 104 Force 106 to 108 - 106 Force 108 to 110 - 108 Force 110 to 112 - 110 Force 112 to 114 - 112 Force 114 to 116 - 114 Force 116 to 118 - 116 Force 118 to 120 - 118 Force 120 to 122 - 120 Force 122 to 124 - 122 Force 124 to 126 - 124 Force 126 to 128 - 126 Force 128 to 130 - 128 Force 130 to 132 - 130 Force 132 to 134 - 132 Force 134 to 136 - 134 Force 136 to 138 - 136 Force 138 to 140 - 138 Force 140 to 142 - 140 Force 142 to 144 - 142 Force 144 to 146 - 144 Force 146 to 148 - 146 Force 148 to 150 - 148 Force 150 to 152 - 150 Force 152 to 154 - 152 Force 154 to 156 - 154 Force 156 to 158 - 156 Force 158 to 160 - 158 Force 160 to 162 - 160 Force 162 to 164 - 162 Force 164 to 166 - 164 Force 166 to 168 - 166 Force 168 to 170 - 168 Force 170 to 172 - 170 Force 172 to 174 - 172 Force 174 to 176 - 174 Force 176 to 178 - 176 Force 178 to 180 - 178 Force 180 to 182 - 180 Force 182 to 184 - 182 Force 184 to 186 - 184 Force 186 to 188 - 186 Force 188 to 190 - 188 Force 190 to 192 - 190 Force 192 to 194 - 192 Force 194 to 196 - 194 Force 196 to 198 - 196 Force 198 to 200 - 198 Force 200 to 202 - 200 Force 202 to 204 - 202 Force 204 to 206 - 204 Force 206 to 208 - 206 Force 208 to 210 - 208 Force 210 to 212 - 210 Force 212 to 214 - 212 Force 214 to 216 - 214 Force 216 to 218 - 216 Force 218 to 220 - 218 Force 220 to 222 - 220 Force 222 to 224 - 222 Force 224 to 226 - 224 Force 226 to 228 - 226 Force 228 to 230 - 228 Force 230 to 232 - 230 Force 232 to 234 - 232 Force 234 to 236 - 234 Force 236 to 238 - 236 Force 238 to 240 - 238 Force 240 to 242 - 240 Force 242 to 244 - 242 Force 244 to 246 - 244 Force 246 to 248 - 246 Force 248 to 250 - 248 Force 250 to 252 - 250 Force 252 to 254 - 252 Force 254 to 256 - 254 Force 256 to 258 - 256 Force 258 to 260 - 258 Force 260 to 262 - 260 Force 262 to 264 - 262 Force 264 to 266 - 264 Force 266 to 268 - 266 Force 268 to 270 - 268 Force 270 to 272 - 270 Force 272 to 274 - 272 Force 274 to 276 - 274 Force 276 to 278 - 276 Force 278 to 280 - 278 Force 280 to 282 - 280 Force 282 to 284 - 282 Force 284 to 286 - 284 Force 286 to 288 - 286 Force 288 to 290 - 288 Force 290 to 292 - 290 Force 292 to 294 - 292 Force 294 to 296 - 294 Force 296 to 298 - 296 Force 298 to 300 - 298 Force 300 to 302 - 300 Force 302 to 304 - 302 Force 304 to 306 - 304 Force 306 to 308 - 306 Force 308 to 310 - 308 Force 310 to 312 - 310 Force 312 to 314 - 312 Force 314 to 316 - 314 Force 316 to 318 - 316 Force 318 to 320 - 318 Force 320 to 322 - 320 Force 322 to 324 - 322 Force 324 to 326 - 324 Force 326 to 328 - 326 Force 328 to 330 - 328 Force 330 to 332 - 330 Force 332 to 334 - 332 Force 334 to 336 - 334 Force 336 to 338 - 336 Force 338 to 340 - 338 Force 340 to 342 - 340 Force 342 to 344 - 342 Force 344 to 346 - 344 Force 346 to 348 - 346 Force 348 to 350 - 348 Force 350 to 352 - 350 Force 352 to 354 - 352 Force 354 to 356 - 354 Force 356 to 358 - 356 Force 358 to 360 - 358 Force 360 to 362 - 360 Force 362 to 364 - 362 Force 364 to 366 - 364 Force 366 to 368 - 366 Force 368 to 370 - 368 Force 370 to 372 - 370 Force 372 to 374 - 372 Force 374 to 376 - 374 Force 376 to 378 - 376 Force 378 to 380 - 378 Force 380 to 382 - 380 Force 382 to 384 - 382 Force 384 to 386 - 384 Force 386 to 388 - 386 Force 388 to 390 - 388 Force 390 to 392 - 390 Force 392 to 394 - 392 Force 394 to 396 - 394 Force 396 to 398 - 396 Force 398 to 400 - 398 Force 400 to 402 - 400 Force 402 to 404 - 402 Force 404 to 406 - 404 Force 406 to 408 - 406 Force 408 to 410 - 408 Force 410 to 412 - 410 Force 412 to 414 - 412 Force 414 to 416 - 414 Force 416 to 418 - 416 Force 418 to 420 - 418 Force 420 to 422 - 420 Force 422 to 424 - 422 Force 424 to 426 - 424 Force 426 to 428 - 426 Force 428 to 430 - 428 Force 430 to 432 - 430 Force 432 to 434 - 432 Force 434 to 436 - 434 Force 436 to 438 - 436 Force 438 to 440 - 438 Force 440 to 442 - 440 Force 442 to 444 - 442 Force 444 to 446 - 444 Force 446 to 448 - 446 Force 448 to 450 - 448 Force 450 to 452 - 450 Force 452 to 454 - 452 Force 454 to 456 - 454 Force 456 to 458 - 456 Force 458 to 460 - 458 Force 460 to 462 - 460 Force 462 to 464 - 462 Force 464 to 466 - 464 Force 466 to 468 - 466 Force 468 to 470 - 468 Force 470 to 472 - 470 Force 472 to 474 - 472 Force 474 to 476 - 474 Force 476 to 478 - 476 Force 478 to 480 - 478 Force 480 to 482 - 480 Force 482 to 484 - 482 Force 484 to 486 - 484 Force 486 to 488 - 486 Force 488 to 490 - 488 Force 490 to 492 - 490 Force 492 to 494 - 492 Force 494 to 496 - 494 Force 496 to 498 - 496 Force 498 to 500 - 498 Force 500 to 502 - 500 Force 502 to 504 - 502 Force 504 to 506 - 504 Force 506 to 508 - 506 Force 508 to 510 - 508 Force 510 to 512 - 510 Force 512 to 514 - 512 Force 514 to 516 - 514 Force 516 to 518 - 516 Force 518 to 520 - 518 Force 520 to 522 - 520 Force 522 to 524 - 522 Force 524 to 526 - 524 Force 526 to 528 - 526 Force 528 to 530 - 528 Force 530 to 532 - 530 Force 532 to 534 - 532 Force 534 to 536 - 534 Force 536 to 538 - 536 Force 538 to 540 - 538 Force 540 to 542 - 540 Force 542 to 544 - 542 Force 544 to 546 - 544 Force 546 to 548 - 546 Force 548 to 550 - 548 Force 550 to 552 - 550 Force 552 to 554 - 552 Force 554 to 556 - 554 Force 556 to 558 - 556 Force 558 to 560 - 558 Force 560 to 562 - 560 Force 562 to 564 - 562 Force 564 to 566 - 564 Force 566 to 568 - 566 Force 568 to 570 - 568 Force 570 to 572 - 570 Force 572 to 574 - 572 Force 574 to 576 - 574 Force 576 to 578 - 576 Force 578 to 580 - 578 Force 580 to 582 - 580 Force 582 to 584 - 582 Force 584 to 586 - 584 Force 586 to 588 - 586 Force 588 to 590 - 588 Force 590 to 592 - 590 Force 592 to 594 - 592 Force 594 to 596 - 594 Force 596 to 598 - 596 Force 598 to 600 - 598 Force 600 to 602 - 600 Force 602 to 604 - 602 Force 604 to 606 - 604 Force 606 to 608 - 606 Force 608 to 610 - 608 Force 610 to 612 - 610 Force 612 to 614 - 612 Force 614 to 616 - 614 Force 616 to 618 - 616 Force 618 to 620 - 618 Force 620 to 622 - 620 Force 622 to 624 - 622 Force 624 to 626 - 624 Force 626 to 628 - 626 Force 628 to 630 - 628 Force 630 to 632 - 630 Force 632 to 634 - 632 Force 634 to 636 - 634 Force 636 to 638 - 636 Force 638 to 640 - 638 Force 640 to 642 - 640 Force 642 to 644 - 642 Force 644 to 646 - 644 Force 646 to 648 - 646 Force 648 to 650 - 648 Force 650 to 652 - 650 Force 652 to 654 - 652 Force 654 to 656 - 654 Force 656 to 658 - 656 Force 658 to 660 - 658 Force 660 to 662 - 660 Force 662 to 664 - 662 Force 664 to 666 - 664 Force 666 to 668 - 666 Force 668 to 670 - 668 Force 670 to 672 - 670 Force 672 to 674 - 672 Force 674 to 676 - 674 Force 676 to 678 - 676 Force 678 to 680 - 678 Force 680 to 682 - 680 Force 682 to 684 - 682 Force 684 to 686 - 684 Force 686 to 688 - 686 Force 688 to 690 - 688 Force 690 to 692 - 690 Force 692 to 694 - 692 Force 694 to 696 - 694 Force 696 to 698 - 696 Force 698 to 700 - 698 Force 700 to 702 - 700 Force 702 to 704 - 702 Force 704 to 706 - 704 Force 706 to 708 - 706 Force 708 to 710 - 708 Force 710 to 712 - 710 Force 712 to 714 - 712 Force 714 to 716 - 714 Force 716 to 718 - 716 Force 718 to 720 - 718 Force 720 to 722 - 720 Force 722 to 724 - 722 Force 724 to 726 - 724 Force 726 to 728 - 726 Force 728 to 730 - 728 Force 730 to 732 - 730 Force 732 to 734 - 732 Force 734 to 736 - 734 Force 736 to 738 - 736 Force 738 to 740 - 738 Force 740 to 742 - 740 Force 742 to 744 - 742 Force 744 to 746 - 744 Force 746 to 748 - 746 Force 748 to 750 - 748 Force 750 to 752 - 750 Force 752 to 754 - 752 Force 754 to 756 - 754 Force 756 to 758 - 756 Force 758 to 760 - 758 Force 760 to 762 - 760 Force 762 to 764 - 762 Force 764 to 766 - 764 Force 766 to 768 - 766 Force 768 to 770 - 768 Force 770 to 772 - 770 Force 772 to 774 - 772 Force 774 to 776 - 774 Force 776 to 778 - 776 Force 778 to 780 - 778 Force 780 to 782 - 780 Force 782 to 784 - 782 Force 784 to 786 - 784 Force 786 to 788 - 786 Force 788 to 790 - 788 Force 790 to 792 - 790 Force 792 to 794 - 792 Force 794 to 796 - 794 Force 796 to 798 - 796 Force 798 to 800 - 798 Force 800 to 802 - 800 Force 802 to 804 - 802 Force 804 to 806 - 804 Force 806 to 808 - 806 Force 808 to 810 - 808 Force 810 to 812 - 810 Force 812 to 814 - 812 Force 814 to 816 - 814 Force 816 to 818 - 816 Force 818 to 820 - 818 Force 820 to 822 - 820 Force 822 to 824 - 822 Force 824 to 826 - 824 Force 826 to 828 - 826 Force 828 to 830 - 828 Force 830 to 832 - 830 Force 832 to 834 - 832 Force 834 to 836 - 834 Force 836 to 838 - 836 Force 838 to 840 - 838 Force 840 to 842 - 840 Force 842 to 844 - 842 Force 844 to 846 - 844 Force 846 to 848 - 846 Force 848 to 850 - 848 Force 850 to 852 - 850 Force 852 to 854 - 852 Force 854 to 856 - 854 Force 856 to 858 - 856 Force 858 to 860 - 858 Force 860 to 862 - 860 Force 862 to 864 - 862 Force 864 to 866 - 864 Force 866 to 868 - 866 Force 868 to 870 - 868 Force 870 to 872 - 870 Force 872 to 874 - 872 Force 874 to 876 - 874 Force 876 to 878 - 876 Force 878 to 880 - 878 Force 880 to 882 - 880 Force 882 to 884 - 882 Force 884 to 886 - 884 Force 886 to 888 - 886 Force 888 to 890 - 888 Force 890 to 892 - 890 Force 892 to 894 - 892 Force 894 to 896 - 894 Force 896 to 898 - 896 Force 898 to 900 - 898 Force 900 to 902 - 900 Force 902 to 904 - 902 Force 904 to 906 - 904 Force 906 to 908 - 906 Force 908 to 910 - 908 Force 910 to 912 - 910 Force 912 to 914 - 912 Force 914 to 916 - 914 Force 916 to 918 - 916 Force 918 to 920 - 918 Force 920 to 922 - 920 Force 922 to 924 - 922 Force 924 to 926 - 924 Force 926 to 928 - 926 Force 928 to 930 - 928 Force 930 to 932 - 930 Force 932 to 934 - 932 Force 934 to 936 - 934 Force 936 to 938 - 936 Force 938 to 940 - 938 Force 940 to 942 - 940 Force 942 to 944 - 942 Force 944 to 946 - 944 Force 946 to 948 - 946 Force 948 to 950 - 948 Force 950 to 952 - 950 Force 952 to 954 - 952 Force 954 to 956 - 954 Force 956 to 958 - 956 Force 958 to 960 - 958 Force 960 to 962 - 960 Force 962 to 964 - 962 Force 964 to 966 - 964 Force 966 to 968 - 966 Force 968 to 970 - 968 Force 970 to 972 - 970 Force 972 to 974 - 972 Force 974 to 976 - 974 Force 976 to 978 - 976 Force 978 to 980 - 978 Force 980 to 982 - 980 Force 982 to 984 - 982 Force 984 to 986 - 984 Force 986 to 988 - 986 Force 988 to 990 - 988 Force 990 to 992 - 990 Force 992 to 994 - 992 Force 994 to 996 - 994 Force 996 to 998 - 996 Force 998 to 1000 - 998 Force 1000 to 1002 - 1000 Force 1002 to 1004 - 1002 Force 1004 to 1006 - 1004 Force 1006 to 1008 - 1006 Force 1008 to 1010 - 1008 Force 1010 to 1012 - 1010 Force 1012 to 1014 - 1012 Force 1014 to 1016 - 1014 Force 1016 to 1018 - 1016 Force 1018 to 1020 - 1018 Force 1020 to 1022 - 1020 Force 1022 to 1024 - 1022 Force 1024 to 1026 - 1024 Force 1026 to 1028 - 1026 Force 1028 to 1030 - 1028 Force 1030 to 1032 - 1030 Force 1032 to 1034 - 1032 Force 1034 to 1036 - 1034 Force 1036 to 1038 - 1036 Force 1038 to 1040 - 1038 Force 1040 to 1042 - 1040 Force 1042 to 1044 - 1042 Force 1044 to 1046 - 1044 Force 1046 to 1048 - 1046 Force 1048 to 1050 - 1048 Force 1050 to 1052 - 1050 Force 1052 to 1054 - 1052 Force 1054 to 1056 - 1054 Force 1056 to 1058 - 1056 Force 1058 to 1060 - 1058 Force 1060 to 1062 - 1060 Force 1062 to 1064 - 1062 Force 1064 to 1066 - 1064 Force 1066 to 1068 - 1066 Force 1068 to 1070 - 1068 Force 1070 to 1072 - 1070 Force 1072 to 1074 - 1072 Force 1074 to 1076 - 1074 Force 1076 to 1078 - 1076 Force 1078 to 1080 - 1078 Force 1080 to 1082 - 1080 Force 1082 to 1084 - 1082 Force 1084 to 1086 - 1084 Force 1086 to 1088 - 1086 Force 1088 to 1090 - 1088 Force 1090 to 1092 - 1090 Force 1092 to 1094 - 1092 Force 1094 to 1096 - 1094 Force 1096 to 1098 - 1096 Force 1098 to 1100 - 1098 Force 1100 to 1102 - 1100 Force 1102 to 1104 - 1102 Force 1104 to 1106 - 1104 Force 1106 to 1108 - 1106 Force 1108 to 1110 - 1108 Force 1110 to 1112 - 1110 Force 1112 to 1114 - 1112 Force 1114 to 1116 - 1114 Force 1116 to 1118 - 1116 Force 1118 to 1120 - 1118 Force 1120 to 1122 - 1120 Force 1122 to 1124 - 1122 Force 1124 to 1126 - 1124 Force 1126 to 1128 - 1126 Force 1128 to 1130 - 1128 Force 1130 to 1132 - 1130 Force 1132 to 1134 - 1132 Force 1134 to 1136 - 1134 Force 1136 to 1138 - 1136 Force 1138 to 1140 - 1138 Force 1140 to 1142 - 1140 Force 1142 to 1144 - 1142 Force 1144 to 1146 - 1144 Force 1146 to 1148 - 1146 Force 1148 to 1150 - 1148 Force 1150 to 1152 - 1150 Force 1152 to 1154 - 1152 Force 1154 to 1156 - 1154 Force 1156 to 1158 - 1156 Force 1158 to 1160 - 1158 Force 1160 to 1162 - 1160 Force 1162 to 1164 - 1162 Force 1164 to 1166 - 1164 Force 1166 to 1168 - 1166 Force 1168 to 1170 - 1168 Force 1170 to 1172 - 1170 Force 1172 to 1174 - 1172 Force 1174 to 1176 - 1174 Force 1176 to 1178 - 1176 Force 1178 to 1180 - 1178 Force 1180 to 1182 - 1180 Force 1182 to 1184 - 1182 Force 1184 to 1186 - 1184 Force 1186 to 1188 - 1186 Force 1188 to 1190 - 1188 Force 1190 to 1192 - 1190 Force 1192 to 1194 - 1192 Force 1194 to 1196 - 1194 Force 1196 to 1198 - 1196 Force 1198 to 1200 - 1198 Force 1200 to 1202 - 1200 Force 1202 to 1204 - 1202 Force 1204 to 1206 - 1204 Force 1206 to 1208 - 1206 Force 1208 to 1210 - 1208 Force 1210 to 1212 - 1210 Force 1212 to 1214 - 1212 Force 1214 to 1216 - 1214 Force 1216 to 1218 - 1216 Force 1218 to 1220 - 1218 Force 1220 to 1222 - 1220 Force 1222 to 1224 - 1222 Force 1224 to 1226 - 1224 Force 1226 to 1228 - 1226 Force 1228 to 1230 - 1228 Force 1230 to 1232 - 1230 Force 1232 to 1234 - 1232 Force 1234 to 1236 - 1234 Force 1236 to 1238 - 1236 Force 1238 to 1240 - 1238 Force 1240 to 1242 - 1240 Force 1242 to 1244 - 1242 Force 1244 to 1246 - 1244 Force 1246 to 1248 - 1246 Force 1248 to 1250 - 1248 Force 1250 to 1252 - 1250 Force 1252 to 1254 - 1252 Force 1254 to 1256 - 1254 Force 1256 to 1258 - 1256 Force 1258 to 1260 - 1258 Force 1260 to 1262 - 1260 Force 1262 to 1264 - 1262 Force 1264 to 1266 - 1264 Force 1266 to 1268 - 1266 Force 1268 to 1270 - 1268 Force 1270 to 1272 - 1270 Force 1272 to 1274 - 1272 Force 1274 to 1276 - 1274 Force 1276 to 1278 - 1276 Force 1278 to 1280 - 1278 Force 1280 to 1282 - 1280 Force 1282 to 1284 - 1282 Force 1284 to 1286 - 1284 Force 1286 to 1288 - 1286 Force 1288 to 1290 - 1288 Force 1290 to 1292 - 1290 Force 1292 to 1294 - 1292 Force 1294 to 1296 - 1294 Force 1296 to 1298 - 1296 Force 1298 to 1300 - 1298 Force 1300 to 1302 - 1300 Force 1302 to 1304 - 1302 Force 1304 to 1306 - 1304 Force 1306 to 1308 - 1306 Force 1308 to 1310 - 1308 Force 1310 to 1312 - 1310 Force 1312 to 1314 - 1312 Force 1314 to 1316 - 1314 Force 1316 to 1318 - 1316 Force 1318 to 1320 - 1318 Force 1320 to 1322 - 1320 Force 1322 to 1324 - 1322 Force 1324 to 1326 - 1324 Force 1326 to 1328 - 1326 Force 1328 to 1330 - 1328 Force 1330 to 1332 - 1330 Force 1332 to 1334 - 1332 Force 1334 to 1336 - 1334 Force 1336 to 1338 - 1336 Force 1338 to 1340 - 1338 Force 1340 to 1342 - 1340 Force 1342 to 1344 - 1342 Force 1344 to 1346 - 1344 Force 1346 to 1348 - 1346 Force 1348 to 1350 - 1348 Force 1350 to 1352 - 1350 Force 1352 to 1354 - 1352 Force 1354 to 1356 - 1354 Force 1356 to 1358 - 1356 Force 1358 to 1360 - 1358 Force 1360 to 1362 - 1360 Force 1362 to 1364 - 1362 Force 1364 to 1366 - 1364 Force 1366 to 1368 - 1366 Force 1368 to 1370 - 1368 Force 1370 to 1372 - 1370 Force 1372 to 1374 - 1372 Force 1374 to 1376 - 1374 Force 1376 to 1378 - 1376 Force 1378 to 1380 - 1378 Force 1380 to 1382 - 1380 Force 1382 to 1384 - 1382 Force 1384 to 1386 - 1384 Force 1386 to 1388 - 1386 Force 1388 to 1390 - 1388 Force 1390 to 1392 - 1390 Force 1392 to 1394 - 1392 Force 1394 to 1396 - 1394 Force 1396 to 1398 - 1396 Force 1398 to 1400 - 1398 Force 1400 to 1402 - 1400 Force 1402 to 1404 - 1402 Force 1404 to 1406 -

Saturday 8 a.m.

WEATHER REPORT.

January 9th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 9. |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | Dir. | | | | |
| Haparanda | 30.02 | -.26 | 15 | 15 | -.22 | * | * | N | 2 | 4 | N | * | b | * | * |
| Hernösand | 30.30 | + .09 | 1 | 1 | -.15 | * | * | N | 1 | 4 | N | * | o | * | * |
| Stockholm | 30.26 | + .08 | 7 | 7 | -.19 | * | * | NNE | 1 | 6 | NNE | * | ob | * | * |
| Wisby | 30.23 | -.10 | 23 | 23 | -.8 | * | * | E | 2 | 4 | NW | * | sc | * | * |
| Christiansund | 30.08 | + .02 | 37 | 36 | + 2 | 39 | 35 | S | 5 | 5 | SSW | * | rb | 0.35 | 5 |
| Skudesnaes | 30.16 | -.01 | 37 | 35 | -.2 | 40 | 37 | SE | 6 | 0 | Z | * | fo | - | 4 |
| Oxö (X'tiansand) | 30.25 | .00 | 28 | 27 | -.6 | 36 | 28 | NNE | 4 | 4 | SW | * | co | - | 2 |
| Skagen (The Skaw) | 30.24 | -.07 | 27 | 25 | -.4 | * | * | ENE | 2 | 2 | N | * | co | - | * |
| Fanö | 30.20 | -.12 | 31 | 31 | + 3 | * | * | SE | 2 | 2 | WSW | * | o | - | * |
| Cuxhaven | 30.20f | -.14 | 31 | 29 | + 3 | ? | 26 | SE | 2 | 2 | SE | 9 | af | - | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.68f | -.29 | 43 | 42 | + 3 | 44 | 33 | S | 5 | 5 | S | 8 | bo | 0.10 | 5 |
| Thurso | 29.81f | -.26 | 38 | 37 | + 6 | 40 | 31 | SSE | 2 | 4 | SSE | 8 | mo | 0.01 | 1 |
| Wick | ? | ? | 40 | 40 | + 4 | 45 | 37 | S | 3 | 3 | S | 10 | o | - | 2 |
| Nairn | 29.80f | -.27 | 39 | 37 | + 8 | 39 | 30 | Z | 0 | 0 | Z | 9 | bo | 0.01 | 1 |
| Aberdeen | 29.88f | -.22 | 41 | 40 | + 7 | 41 | 34 | S | 4 | 4 | S | 10 | mo | 0.01 | 2 |
| Leith | 29.86f | -.27 | 40 | 39 | + 7 | 42 | 31 | SW | 2 | 2 | S | 8 | fo | - | * |
| Shields | 29.95f | -.21 | 40 | 39 | 0 | 40 | 37 | S | 4 | 3 | S | 8 | mg | - | 2 |
| York | 29.99f | -.17 | 40 | 39 | + 2 | 40 | 36 | SSE | 1 | 1 | SE | 10 | o | - | * |
| Scarborough | 30.01f | -.17 | 38 | 38 | 0 | 39 | 37 | SSE | 1 | 1 | S | 10 | g | - | 3 |
| Nottingham | 30.01f | -.16 | 42 | 41 | + 4 | 42 | 38 | SSE | 3 | 3 | SSE | 10 | g | - | * |
| Ardrossan | 29.77f | -.29 | 44 | 42 | + 6 | 44 | 37 | SE | 4 | 5 | SE | 8 | o | 0.31 | 4 |
| Greencastle | 29.69f | -.27 | 46 | 45 | + 2 | 46 | 43 | SSW | 1 | 5 | SE | 10 | g | 0.38 | * |
| Donaghadee | 29.72f | -.27 | 46 | 46 | + 3 | 46 | 42 | S | 6 | 6 | S | 10 | o | 0.42 | 4 |
| Kingstown | 29.73f | -.25 | 47 | 46 | + 3 | 48 | 44 | SSE | 5 | 6 | SSE | 10 | gd | 0.36 | 4 |
| Holyhead | 29.79f | -.24 | 46 | 45 | + 4 | 47 | 41 | SSE | 4 | 7 | SSE | 10 | dg | 0.03 | 4 |
| Liverpool (Bilston Obs.) | 29.86f | -.24 | 43 | 41 | + 4 | 44 | 38 | SE | 4 | 3 | SE | 10 | o | - | 2 |
| Valencia | 29.53f | -.10 | 48 | 47 | -.3 | 52 | 47 | SSW | 5 | 9 | S | 9 | go | 0.21 | 6 |
| Roche's Point | 29.62f | -.19 | 47 | 47 | + 2 | 48 | 45 | SSW | 5 | 9 | S | 10 | rf | 1.58 | 5 |
| Pembroke | 29.76f | -.23 | 46 | 46 | + 2 | 47 | 43 | SE | 6 | 7 | SE | 10 | o | 0.15 | 6 |
| Portishead | 29.91f | -.18 | 43 | 42 | + 3 | 47 | 38 | S | 3 | 6 | SSW | 10 | ag | - | 2 |
| Scilly | 29.72f | -.23 | 50 | 50 | 0 | 50 | 44 | S | 8 | 9 | S | 9 | od | 0.35 | 7 |
| Plymouth | 29.86f | -.18 | 47 | 47 | + 2 | 50 | 44 | SSE | 3 | 4 | SE | 10 | gr | 0.32 | * |
| Hurst Castle | 29.96f | -.16 | 43 | 42 | 0 | 46 | 41 | SSE | 3 | 3 | SSE | 8 | o | 0.02 | 3 |
| Dover | 30.08f | -.09 | 42 | 40 | + 4 | 44 | 37 | SSE | 4 | 1 | S | 5 | gc | - | 3 |
| London | 30.01f | -.14 | 40 | 39 | 0 | 44 | 37 | SE | 1 | 2 | SE | 4 | gbo | - | * |
| Oxford | 29.97 | -.16 | 42 | 41 | + 3 | 43 | 39 | SE | 2 | 2 | SE | 10 | mg | - | * |
| Cambridge | 30.03f | -.14 | 40 | 40 | + 2 | 41 | 36 | SE | 1 | 1 | S | 10 | g | - | * |
| Yarmouth | 30.00f | -.18 | 37 | 37 | - 1 | 39 | 36 | SSE | 3 | 3 | SSE | 10 | gq | - | 3 |
| Helder | 30.15 | -.13 | 36 | * | + 4 | * | * | SE | 2 | * | * | * | gq | - | 2 |
| Cape Gris Nez | 30.07f | -.11 | 39 | 37 | + 3 | 43 | 34 | S | 3 | 1 | S | 6 | oo | - | 2 |
| Brest | 29.87f | -.21 | 47 | 47 | - 1 | 51 | 46 | SSE | 7 | 8 | SSE | 10 | rg | 0.04 | 6 |
| L'Orient | 29.89f | -.14 | 42 | 42 | -.2 | ? | ? | SE | 4 | 5 | S | 10 | com | 0.04 | 5 |
| Rochefort | 29.95f | -.23 | 41 | 39 | + 4 | 53 | 34 | SSE | 7 | 7 | SSE | 10 | o | - | 3 |
| Biarritz | 29.95f | -.22 | 57 | 55 | + 15 | ? | 46 | S | 5 | 4 | SE | 9 | o | - | 3 |
| Corunna | | | * | * | | * | * | | | | | * | * | - | * |
| Brussels | 30.16 | -.06 | 37 | * | -.2 | * | * | WSW | 1 | * | * | * | o | - | * |
| Charleville | 30.19 | -.01 | 35 | * | 0 | * | * | ESE | ? | * | * | * | o | - | * |
| Paris | 30.10f | -.13 | 35 | * | -.4 | 41 | 35 | SE | 4 | 3 | SSW | 0 | +b | - | * |
| Lyons | ? | ? | 35 | * | -.6 | * | * | N | 3 | * | * | * | b | - | * |
| Toulon | | | | | | | | | | | | * | * | - | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wca. | | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|----|----|
| Skudesnaes ... | 30.15 | 38 | 38 | Z | 0 | * | f | 3 | Valencia ... | 29.58 | 50 | 50 | S | ? | 9 | r |
| Thurso ... | 30.03 | 38 | 37 | S | 1 | 5 | m | 1 | Scilly ... | 29.88 | 49 | 48 | S | 8 | 10 | r |
| Scarborough... | 30.12 | 39 | 38 | S | 1 | 10 | g | 2 | London ... | 30.15 | 44 | 43 | SSE | 1 | 10 | og |
| Greencastle ... | 29.88 | 44 | 42 | SE | 5 | 10 | g | * | Rochefort... | 30.14 | 42 | 38 | SSE | 4 | 10 | g |
| Holyhead ... | 29.97 | 45 | 44 | SSE | 2 | 5 | e | 2 | | | | | | | | |

The decrease of pressure has extended to all the 2 pm stations except London. The Sth gale has extended to Scilly and the wind is now freshening in the N. of Scotland.
 Draining were issued to our W. and SW. coasts this morning.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

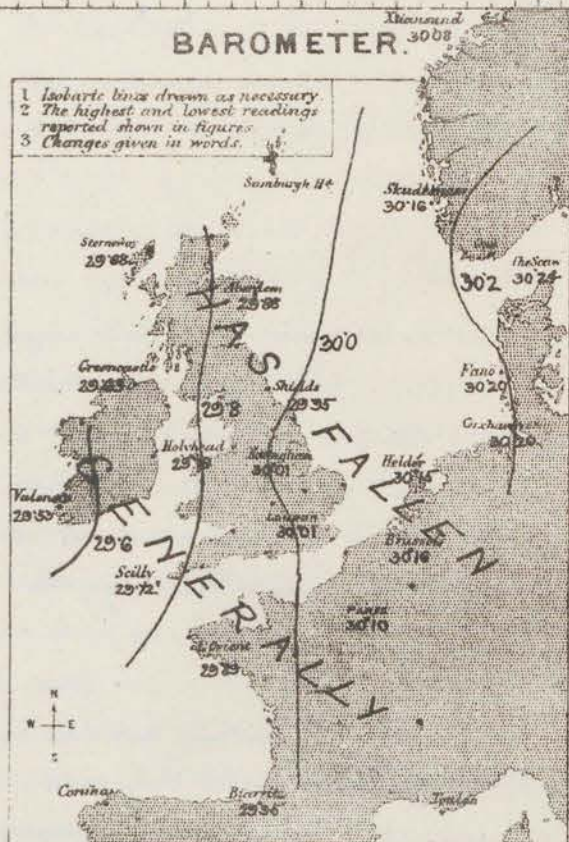
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 9TH JANUARY 1875 AT 8 A.M.

BAROMETER.

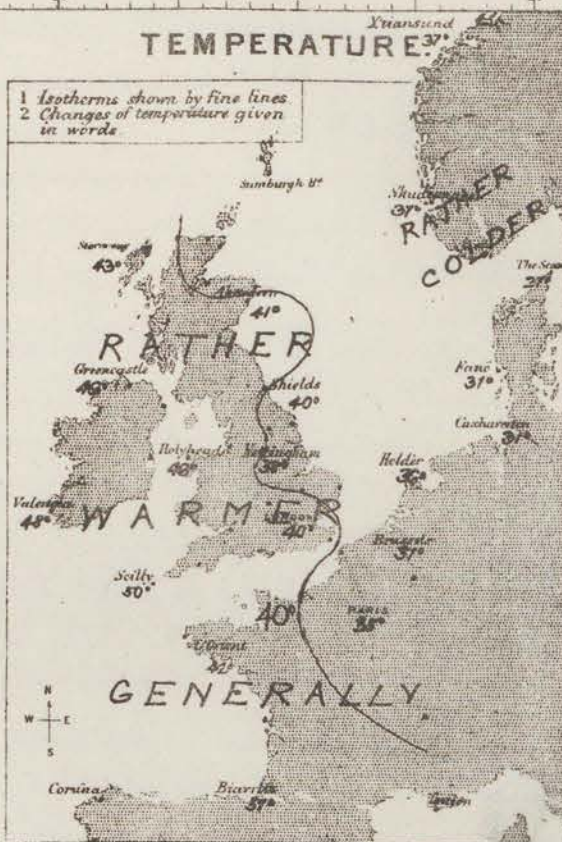
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hours the fall of the barometer noticed in the west has extended over the whole of Western Europe. At Valencia a slight recovery took place last evening, but in the night the mercury has again begun to fall there. The lowest readings lie to the N.W. of our Islands and the gradients from London to Valencia, and from Oslo to Stornoway are both 0.06 in per 50 miles, for S.W. winds.

TEMPERATURE.

- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has increased a little except over Scandinavia. At the Swedish stations it is again very low: as much as 11° below the freezing point at Haparanda.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 11 to 12 - 11, Force 13 to 14 - 13, Force 15 to 16 - 15, Force 17 to 18 - 17, Force 19 to 20 - 19, Force 21 to 22 - 21, Force 23 to 24 - 23, Force 25 to 26 - 25, Force 27 to 28 - 27, Force 29 to 30 - 29, Force 31 to 32 - 31, Force 33 to 34 - 33, Force 35 to 36 - 35, Force 37 to 38 - 37, Force 39 to 40 - 39, Force 41 to 42 - 41, Force 43 to 44 - 43, Force 45 to 46 - 45, Force 47 to 48 - 47, Force 49 to 50 - 49, Force 51 to 52 - 51, Force 53 to 54 - 53, Force 55 to 56 - 55, Force 57 to 58 - 57, Force 59 to 60 - 59, Force 61 to 62 - 61, Force 63 to 64 - 63, Force 65 to 66 - 65, Force 67 to 68 - 67, Force 69 to 70 - 69, Force 71 to 72 - 71, Force 73 to 74 - 73, Force 75 to 76 - 75, Force 77 to 78 - 77, Force 79 to 80 - 79, Force 81 to 82 - 81, Force 83 to 84 - 83, Force 85 to 86 - 85, Force 87 to 88 - 87, Force 89 to 90 - 89, Force 91 to 92 - 91, Force 93 to 94 - 93, Force 95 to 96 - 95, Force 97 to 98 - 97, Force 99 to 100 - 99, Force 101 to 102 - 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SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 3RD to JANUARY 9TH 1875.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this period the changes of pressure have been generally slight. On the 3rd and 5th it was lowest to the N^W and W^W winds prevailed but at other times the minimum readings were found over our western stations, and S^W winds were general, fresh or strong in the west but light in the east. Temperature has not changed much, and has been above the average for the time of year at most stations. The sky has been very cloudy or overcast, and rain fell generally during the early part of the week.

JAN. 3RD The barometer had fallen at the Scotch, Norwegian and Danish stations but had risen slowly elsewhere. A depression was advancing over the north of Scotland, and the gradient from Ardrossan to Stornoway was 0.15 in. per 50 miles. The wind circulated round the low pressure, being W^W to S^W over our Islands and France, S^W in Denmark, SE^W at Skudesnaes and Lumburgh W^W. In force it was generally fresh, and a moderate gale was blowing over the south of Scotland, and on the west coast of Norway. Temperature had risen a few degrees generally. The sky was moderately clear at our more northern stations but very cloudy elsewhere with mist and fog in the south, and rain at Rochefort.

JAN. 4TH A brisk increase of pressure had occurred in the north of Scotland but, at 8 am, the barometer was falling generally in these Islands. The highest readings were found over France but gradients were much slighter than on the previous day. The wind had backed to the S^W, and blew a gale on our north-east coast, and strongly in the south-west. The changes in temperature were slight and irregular. The sky had become generally overcast, and rain was falling in the south of Ireland. During the day the barometer continued to fall everywhere.

JAN. 5TH A shallow depression had advanced to the west coast of Norway, and a general recovery of pressure had taken place. A fresh fall had, however, commenced in the south of Ireland, and the gradient from Scilly to Valencia was 0.075 in. per 50 miles. Fresh S^W winds prevailed at the south-western stations, and light W^W air over England and France, while in the north the wind circulated round the low pressure. Temperature had fallen a little over England and Ireland but was almost unchanged elsewhere. The amount of cloud differed considerably at different stations, rain and snow were falling over Denmark and the south of Norway. By 2 pm the fall of the barometer had extended to Holyhead and Scilly.

JAN. 6TH The barometer had risen slightly on our east coast, and on the eastern shores of the North Sea, but had fallen elsewhere. The lowest readings were found at our western and north-western stations and the gradient from London to Roches P^t was 0.08 in. per 50 miles. The wind had backed generally to the S^W over these Islands, and to the E^W over France, while over the Skager Rack a NE^W breeze prevailed. In force it was generally moderate but blew freshly in the south-west. Over France temperature had fallen with the E^W wind, but over the United Kingdom a rise was reported. The sky had become generally overcast, with rain in the west. In the afternoon a recovery had taken place except at Rochefort.

JAN. 7TH The recovery had extended to all stations, the greatest rise having been in the west, where, however,

The lowest pressures still lay; and the gradient from Oxö to Stormoway was 0.07 in per 50 miles. At the same time a small depression was lying at the mouth of the Bristol Channel. The wind had "backed" still further at most stations, and was generally SE^{ly} except in the west and north, where S^{ly} winds still held. In force they were moderate to slight. Temperature had decreased except in the west of France. The sky continued overcast. During the day the barometer continued to rise slowly. Aurora was seen at Thurso and Roches Pt at night.

Nov. 8th Except at the Scandinavian stations the readings of the barometer show a rise on those reported on the 7th but during the night a brisk fall had set in in the west; and the gradient from Pembroke to Valencia was 0.09 in per 50 miles. The winds were generally S^{ly} and blew lightly in most places but were fresh in the south-west, and increased to a gale in the south of Ireland. Temperature had decreased several degrees over Scotland, and to a less degree elsewhere. The sky was overcast except in Scotland, and rain was falling over Norway. By 2pm the fall of the barometer had extended to all stations but in the evening a slight recovery commenced in the south of Ireland.

Nov. 9th The mercury continued to fall at all stations, the rise at Valencia having been very transitory. The lowest readings lay to the Wrd of our Islands, and the gradient from London to Valencia was 0.06 in per 50 miles. The winds remained S^{ly} but had increased in force generally, and had blown a strong gale in the south-west during the night. Temperature had changed very little at the intermediate stations but had risen 15° at Biarritz, while it had fallen 22° to -15° F. at Haparanda. The sky was overcast except in the south-east, and rain was falling in the west of England. During the day the fall still continued, and the wind rose to a gale at Scilly by 2pm.

NOTE - The issue of Capt. Hoffmeyer's Daily Charts of the weather from 60° E. to 60° W. Longitude, and from 30° to 75° N. Latitude for the three months of last winter are now complete. Capt. Hoffmeyer is anxious to know what chance there is of his being able to continue the publication. The number of copies already sold of the existing Charts having been insufficient to cover the expenses of production.

At the same time this Office has found that the rate of subscription (11/- per Quarter) which it charged has fallen short of the cost of carriage and postage of the existing Charts.

I have therefore to request any gentlemen who are willing to subscribe to a future issue of the Charts to send in their names to me as soon as convenient. The rate of subscription will be at least 12/6 per Quarter and must necessarily be higher if the original cost of the Charts at Copenhagen is raised above the price first named - viz - 4 francs per month -

Sun-day 8 a.m.

WEATHER REPORT. January 10th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Dis- tance. — 0 to 10. | |
|--------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|--|--|------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dir. |
| Haparanda ... | 30.26 | + .20 | -1 | -1 | +14 | * | * | N | 2 | 2 | N | * | b o | * | * |
| Hernösand ... | 30.19 | - .11 | 10 | 9 | +9 | * | * | N | 2 | 0 | Z | * | b | * | * |
| Stockholm ... | 30.18 | - .08 | 17 | 17 | +10 | * | * | W | 4 | 4 | SW | * | c | * | * |
| Wisby ... | 30.26 | + .03 | 31 | 30 | +8 | * | * | WNW | 6 | 2 | SE | * | c | * | * |
| Christiansund ... | 29.91 | - .17 | 36 | 32 | -1 | 34 | 36 | SSW | 4 | 0 | Z | * | o | — | 4 |
| Skudesnaes ... | 29.97 | - .19 | 36 | 34 | -1 | 34 | 36 | SE | 8 | 7 | SE | * | o.1 | 0.08 | 7 |
| Oxö (X'tiansand) | 30.12 | - .13 | 30 | 29 | +2 | ? | 27 | NNE | 4 | 4 | NNE | * | o | — | 3 |
| Skagen (The Skaw) | 30.20 | - .04 | 34 | 33 | +7 | * | * | SW | 6 | 2 | SE | * | o | — | * |
| Fanö ... | 30.13 | - .07 | 32 | 31 | +1 | * | * | S | 4 | 4 | S | * | o | — | * |
| Cuxhaven ... | 30.108 | - .10 | 30 | 27 | -1 | ? | 29 | SSE | 4 | 2 | SE | 5 | c | — | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.553 | - .13 | 45 | 44 | +2 | 45 | 41 | SSW | 4 | 5 | S | 10 | d | 0.02 | 5 |
| Thurso ... | 29.624 | - .19 | 38 | 37 | 0 | 42 | 37 | SSE | 1 | 5 | SSE | 7 | g o | 0.16 | 1 |
| Wick ... | 29.652 | ? | 42 | 41 | +2 | 44 | 39 | S | 2 | 4 | S | 10 | m o | 0.17 | 2 |
| Nairn ... | 29.663 | - .14 | 39 | 38 | 0 | 44 | 39 | Z | 0 | 0 | Z | 10 | d o | 0.14 | 1 |
| Aberdeen ... | 29.708 | - .18 | 42 | 42 | +1 | 43 | 41 | S | 1 | 7 | S | 10 | rm | 0.34 | 3 |
| Leith ... | 29.724 | - .14 | 42 | 41 | +2 | 48 | 39 | ? | 1 | 2 | SE | 8 | o | 0.14 | 2 |
| Shields ... | 29.739 | - .18 | 40 | 40 | 0 | 42 | 39 | SW | 1 | 4 | SW | 9 | o.1 | — | * |
| York ... | 29.788 | - .11 | 38 | 38 | -2 | 43 | 38 | SSE | 1 | 1 | SSE | 10 | o.1 | 0.03 | * |
| Scarborough ... | 29.808 | - .21 | 34 | 33 | -4 | 41 | 39 | SSE | 1 | 3 | SSE | 10 | g o | 0.13 | 2 |
| Nottingham ... | 29.818 | - .20 | 39 | 39 | -3 | 44 | 38 | E | 1 | 2 | SSE | 10 | 2 f | 0.33 | * |
| Ardrossan ... | 29.662 | - .11 | 45 | 44 | +1 | 47 | 43 | ESE | 2 | 6 | SE | 8 | 2 o | 0.47 | 3 |
| Greencastle ... | 29.642 | - .05 | 45 | 45 | -1 | 47 | 44 | S | 1 | 5 | SSE | 10 | g | 0.67 | * |
| Donaghadee ... | 29.632 | - .09 | 46 | 46 | 0 | 47 | 45 | SSE | 4 | 6 | S | 10 | o | 0.69 | 3 |
| Kingstown ... | 29.642 | - .09 | 47 | 46 | 0 | 49 | 46 | S | 1 | 6 | SSE | 10 | rm | 0.21 | 1 |
| Holyhead ... | 29.662 | - .13 | 47 | 46 | +1 | 48 | 45 | S | 1 | 6 | SSE | 10 | rm | 0.16 | 2 |
| Liverpool (Bidston Obs.) | 29.724 | - .14 | 41 | 40 | -2 | 44 | 40 | SE | 3 | 6 | SE | 10 | o.1 | 0.09 | 5 |
| Valencia ... | 29.632 | + .10 | 48 | 45 | 0 | 53 | 47 | SW | 3 | 4 | SW | 6 | c | 0.02 | 4 |
| Roche's Point ... | 29.592 | - .03 | 48 | 48 | +1 | 50 | 42 | SE | 3 | 5 | SSW | 10 | o f | 0.20 | 4 |
| Pembroke ... | 29.642 | - .12 | 46 | 46 | 0 | 48 | 44 | ESE | 3 | 6 | SE | 10 | o.1 | 0.35 | 4 |
| Portishead ... | 29.758 | - .16 | 42 | 42 | -1 | 48 | 40 | Z | 0 | 3 | S | 10 | om | 0.12 | 0 |
| Scilly ... | 29.628 | - .10 | 50 | 50 | 0 | 50 | 48 | SSE | 6 | 9 | S | 9 | o | 0.35 | 6 |
| Plymouth ... | 29.708 | - .16 | 47 | 47 | 0 | 49 | 46 | E | 3 | 5 | SE | 10 | o d | 0.42 | * |
| Hurst Castle ... | 29.768 | - .20 | 45 | 44 | +2 | 45 | 42 | SSE | 2 | 4 | SE | 10 | c m | — | 3 |
| Dover ... | 29.588 | - .25 | 42 | 40 | 0 | 44 | 40 | S | 4 | 3 | SSE | 5 | c | — | 4 |
| London ... | 29.808 | - .21 | 39 | 39 | -1 | 46 | 38 | Z | 0 | 2 | SE | 10 | g b o | — | * |
| Oxford ... | 29.778 | - .20 | 41 | 40 | -1 | 44 | 40 | SE | 1 | 2 | SE | 10 | m g | 0.02 | * |
| Cambridge ... | 29.818 | - .22 | 37 | 37 | -3 | 43 | 35 | SSE | 1 | 1 | SE | 10 | o g | — | * |
| Yarmouth ... | 29.848 | - .16 | 39 | 39 | +2 | 40 | 37 | SSE | 3 | 5 | SSE | 10 | om | — | 3 |
| Helder ... | | | | | | | | | | | | | | | |
| Cape Gris Nez ... | 29.848 | - .23 | 39 | 37 | 0 | 45 | 39 | S | 4 | 3 | S | 8 | c o | — | 3 |
| Brest ... | 29.688 | - .19 | 49 | 47 | +2 | 50 | 45 | SE | 5 | 7 | SSE | 10 | f o | 0.04 | 7 |
| L'Orient ... | 29.648 | - .22 | 45 | 45 | +3 | ? | ? | SE | 5 | 10 | SE | 9 | f | — | 15 |
| Rochefort ... | 29.818 | - .14 | 46 | 44 | +5 | 50 | 37 | SE | 7 | 7 | SSE | 10 | f o | — | 3 |
| Biarritz ... | 29.838 | - .12 | 53 | 53 | -2 | 54 | 46 | SW | 5 | 5 | S | 8 | o | — | 6 |
| Corunna ... | | | | | | | | | | | | | | | |
| Brussels ... | 29.92 | - .24 | 39 | * | +2 | * | * | SW | 1 | * | * | * | b | * | * |
| Charleville ... | 29.98 | - .21 | 35 | * | 0 | * | * | SE | 3 | * | * | * | b | * | * |
| Paris ... | 29.918 | - .19 | 34 | * | -1 | 41 | 34 | ? | 3 | 4 | ? | 6 | b c | — | * |
| Lyons ... | | ? | 48 | * | +13 | * | * | S | 3 | * | * | * | b | * | 3 |
| Toulon ... | 30.198 | - .09 | 45 | 45 | +1 | 53 | 44 | E | 4 | 1 | ? | 8 | o | — | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|----|
| Skudesnaes ... | 30.14 | 36 | 33 | SE | 4 | * | 0 | 4 | Valencia ... | 29.46 | 57 | 57 | SW | 4 | 7 |
| Thurso ... | 29.76 | 41 | 40 | SSE | 4 | 10 | 9 | 2 | Scilly ... | 29.68 | 50 | 50 | S | 9 | 9 |
| Scarborough... | 29.93 | 40 | 39 | SSE | 2 | 10 | 9 | 3 | London ... | 29.95 | 46 | 44 | SE | 1 | 9 |
| Greencastle ... | 29.57 | 46 | 45 | SE | 4 | 10 | d | 4 | Rochefort... | 29.93 | 48 | 44 | SSE | 5 | 10 |
| Holyhead ... | 29.67 | 47 | 45 | SSE | 5 | 7 | c | 4 | | | | | | | 0 |

The barometer continues to fall generally, most in the NW. The gale still holds. Scilly, but none is reported from any other station.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.

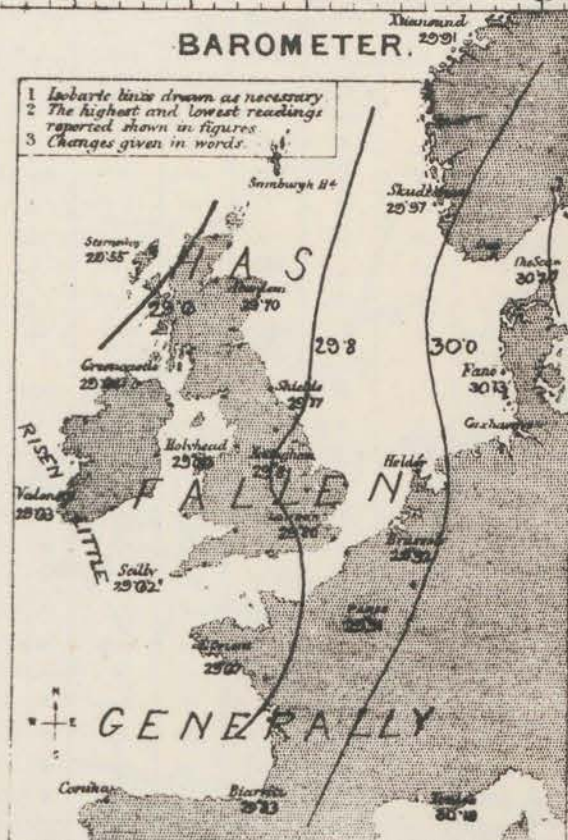
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS AND REMARKS FOR SUNDAY 10TH JANUARY 1875 AT 8 A.M.

BAROMETER.

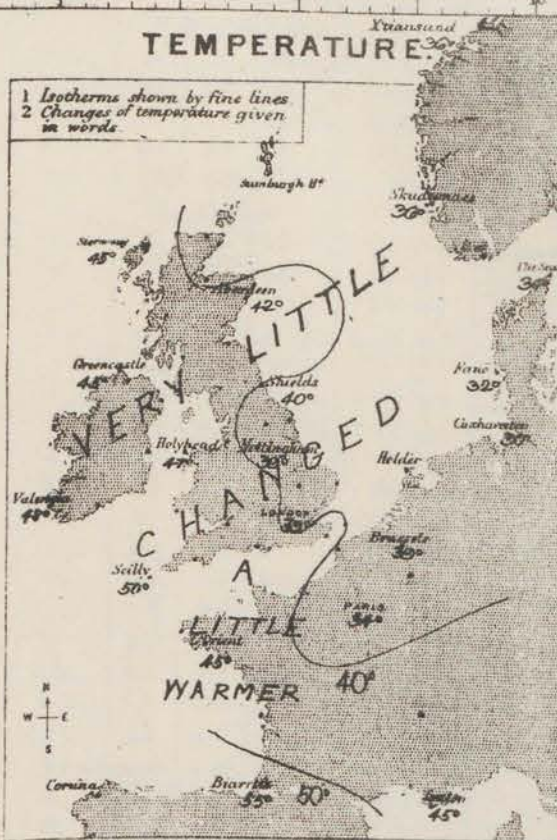
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past day pressure has decreased at all stations, but since last evening a slight increase has set in on our most western and north western coasts. The highest readings are still found on the eastern shores of the North Sea, and the gradient from Orkney to Aberdeen is 0.06 in. per 50 miles.

TEMPERATURE.

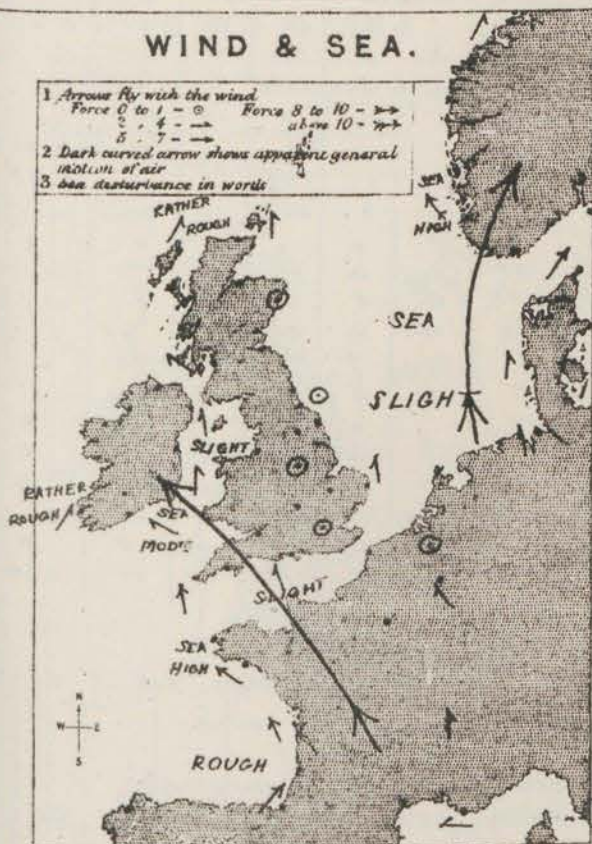
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has changed very little except in the west of France, where a slight rise has taken place.

WIND & SEA.

- 1 Arrows fly with the wind
Force 0 to 1 - ○ Force 8 to 10 - >>>
2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The winds are generally SE⁴ over France and on our south west coasts, but S⁴ winds prevail in the north and east of our Islands, and moderate to fresh breezes from the same quarter in Denmark.

The sea is high at Bristol and Sunderland, rather rough at Valencia and Stornoway, moderate to smooth elsewhere.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Some rain has fallen at our western and northern stations, and still continues in many places. The sky is overcast generally but clear in Central France.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter
Post 5/- per quarter.

Meteorological Office
116, Victoria Str^{ct}. Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden.

Monday 8 a.m.

WEATHER REPORT.

January 11th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 5. | |
|---------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dirac. |
| Haparanda ... | 29.71 | -.54 | 14 | 14 | +15 | * | * | SE | 2 | 2 | SW | * | os | * | * |
| Hernösand ... | 29.78 | -.41 | 26 | 26 | +16 | * | * | SSW | 4 | 4 | S | * | os | * | * |
| Stockholm ... | 29.99 | -.19 | 27 | 26 | +10 | * | * | SSW | 4 | 4 | SSW | * | o | * | * |
| Wisby ... | 30.12 | -.14 | 29 | 29 | -2 | * | * | S | 4 | 2 | SW | * | o | * | * |
| Christiansund ... | 29.71 | -.20 | 39 | 37 | +3 | 41 | 37 | SW | 8 | 2 | SSE | * | or | 0.08 | 5 |
| Skudesnaes ... | 29.85 | -.12 | 37 | 35 | +1 | 36 | 34 | ESE | 4 | ? | ? | * | oro | - | 4 |
| Oxö (X'tiansand) ... | 29.87 | -.25 | 32 | 32 | +2 | 34 | 32 | ESE | 4 | 4 | SE | * | os | - | 3 |
| Skagen (The Skaw) ... | 29.98 | -.27 | 34 | 33 | 0 | * | * | S | 4 | 4 | S | * | o | - | * |
| Fanö ... | 29.88 | -.25 | 33 | 32 | +1 | * | * | S | 2 | 4 | S | * | o | - | * |
| Cuxhaven ... | 29.94f | -.16 | 35 | 34 | +5 | ? | 29 | SSW | 1 | 2 | SSE | 4 | cb | - | * |
| Samburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hob- bikes) ... | 29.73r | +.18 | 38 | 37 | -7 | 47 | 34 | Z | 0 | 4 | SSW | 7 | bnc | 0.01 | 1 |
| Thurso ... | 29.76r | +.14 | 29 | 28 | -9 | 42 | 29 | S | 1 | 2 | SSE | 0 | mb | - | 0 |
| Wick ... | 29.73r | +.08 | 37 | 37 | -5 | 43 | 28 | Z | 0 | 2 | S | 10 | bf | - | 1 |
| Nairn ... | 29.76r | +.10 | 31 | 29 | -8 | 45 | 31 | Z | 0 | 0 | Z | 1 | cb | - | 0 |
| Aberdeen ... | 29.76r | +.06 | 40 | 39 | -2 | 44 | 39 | Z | 0 | 1 | S | 9 | m | 0.02 | 1 |
| Leith ... | 29.77r | +.05 | 41 | 41 | -1 | 46 | 39 | E | 1 | 1 | E | 8 | opf | 0.16 | * |
| Shields ... | 29.79r | +.02 | 40 | 40 | 0 | 41 | 39 | SW | 1 | 2 | SW | 9 | smf | 0.07 | 2 |
| York ... | 29.81r | +.03 | 39 | 39 | +1 | 41 | 37 | S | 1 | 1 | S | 10 | of | 0.19 | * |
| Scarborough ... | 29.80r | .00 | 39 | 39 | 0 | 41 | 34 | Z | 0 | 1 | SSE | 10 | of | 0.00 | 1 |
| Nottingham ... | 29.82r | .01 | 43 | 43 | +4 | 43 | 39 | SSE | 1 | 2 | SSE | 10 | f | 0.03 | 1 |
| Ardrossan ... | 29.76r | +.10 | 42 | 41 | +3 | 46 | 42 | NE | 1 | 2 | ESE | 6 | or | 0.02 | * |
| Greencastle ... | 29.73r | +.09 | 43 | 42 | -2 | 46 | 40 | SE | 3 | 3 | SE | 10 | g | 0.01 | * |
| Donaghadee ... | 29.71r | +.08 | 44 | 44 | -2 | 47 | 42 | ESE | 3 | 4 | SSE | 10 | o | 0.07 | 2 |
| Kingstown ... | 29.73r | +.09 | 44 | 44 | -3 | 48 | 40 | SSE | 2 | 2 | SSE | 10 | or | 0.06 | 1 |
| Holyhead ... | 29.74r | +.08 | 44 | 44 | -3 | 49 | 43 | SSW | 1 | 1 | SSW | 7 | r | 0.36 | 2 |
| Liverpool (Bidston Obs.) ... | 29.77r | +.05 | 40 | 39 | -1 | 43 | 40 | SE | 2 | 4 | SE | 3 | ob | 0.12 | 6 |
| Valencia ... | 29.48f | -.15 | 50 | 46 | +2 | 53 | 46 | S | 7 | 6 | S | 8 | og | - | 4 |
| Roche's Point ... | 29.62f | +.03 | 46 | 45 | -2 | 50 | 45 | SE | 5 | 5 | SE | ? | of | - | 2 |
| Pembroke ... | 29.73r | +.09 | 46 | 46 | 0 | 47 | 42 | SSE | 2 | 3 | SE | 9 | mo | 0.06 | 1 |
| Portishead ... | 29.77r | +.02 | 42 | 40 | 0 | 49 | 38 | WSW | 1 | 1 | S | 10 | mo | 0.01 | 4 |
| Scilly ... | 29.68s | +.06 | 50 | 50 | 0 | 50 | 48 | SSE | 5 | 5 | SSE | 6 | oc | 0.09 | 3 |
| Plymouth ... | 29.76r | +.06 | 48 | 48 | +1 | 50 | 46 | SSE | 1 | 2 | E | 10 | go | 0.04 | 3 |
| Hurst Castle ... | 29.83r | +.07 | 46 | 43 | +1 | 47 | 44 | WSW | 3 | 3 | SE | 7 | oc | - | 3 |
| Dover ... | 29.87r | +.04 | 45 | 44 | +3 | 46 | 40 | SSW | 4 | 4 | SSW | 6 | e | - | * |
| London ... | 29.85r | +.05 | 48 | 46 | +9 | 48 | 37 | S | 1 | 1 | E | 10 | co | - | * |
| Oxford ... | 29.81 | +.04 | 46 | 45 | +5 | 46 | 44 | S | 1 | 1 | S | 10 | or | 0.01 | * |
| Cambridge ... | 29.83r | +.02 | 44 | 43 | +7 | 44 | 36 | SSW | 1 | 1 | SSE | 10 | o | 0.03 | 2 |
| Yarmouth ... | 29.86r | +.02 | 42 | 42 | +3 | 43 | 38 | SSW | 2 | 3 | SSE | 10 | gm | - | 2 |
| Helder ... | 29.88 | | 39 | * | | * | * | S | 3 | * | * | * | * | - | 2 |
| Cape Gris Nez ... | 29.89r | +.05 | 44 | 42 | +5 | 47 | 39 | SSW | 4 | 4 | S | 5 | oc | - | 3 |
| Brest ... | 29.75r | +.07 | 48 | 48 | -1 | 55 | 46 | SSE | 4 | 5 | SE | 10 | f | - | 5 |
| L'Orient ... | 29.77r | +.10 | 44 | 44 | -1 | ? | ? | SE | 4 | 4 | SE | 5 | f | - | 5 |
| Rochefort ... | 29.89r | +.08 | 45 | 42 | -1 | 56 | 35 | ? | 4 | 7 | ? | 6 | oo | - | 3 |
| Biarritz ... | 29.91r | +.08 | 55 | 48 | 0 | 58 | 50 | S | 4 | 5 | S | 5 | oc | - | 5 |
| Corunna ... | | | * | * | | * | * | | * | * | * | * | * | - | * |
| Brussels ... | 29.95 | +.03 | 44 | * | +5 | * | * | W | 3 | * | * | * | o | - | * |
| Charleville ... | 29.07 | +.09 | 37 | * | +2 | * | * | SE | 3 | * | * | * | o | - | * |
| Paris ... | 30.00r | +.09 | 36 | * | +2 | 41 | 34 | SE | 4 | 4 | SE | 0 | ob | - | * |
| Lyons ... | ? | ? | 43 | * | -5 | * | * | SE | 3 | * | * | * | b | - | * |
| Toulon ... | 30.26r | +.07 | 48 | 46 | +3 | 52 | 43 | E | 5 | 4 | E | 9 | or | 0.08 | 6 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | C. | Wes. | Sea. | Bar. | Dry. | Wet. | Wind. | C. | Wes. | Sea. |
|-----------------|-------|------|-------|-----|------|------|---------------|-------|------|-------|-----|------|------|
| Skudesnaes ... | 29.96 | 34 | 32 | SSE | 6 | * | Valencia ... | | | | | | |
| Thurso ... | | | | | | | Scilly ... | | | | | | |
| Scarborough ... | | | | | | | London ... | | | | | | |
| Greencastle ... | | | | | | * | Rochefort ... | 29.80 | 50 | 46 | SSE | 7 | 10 |
| Holyhead ... | | | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

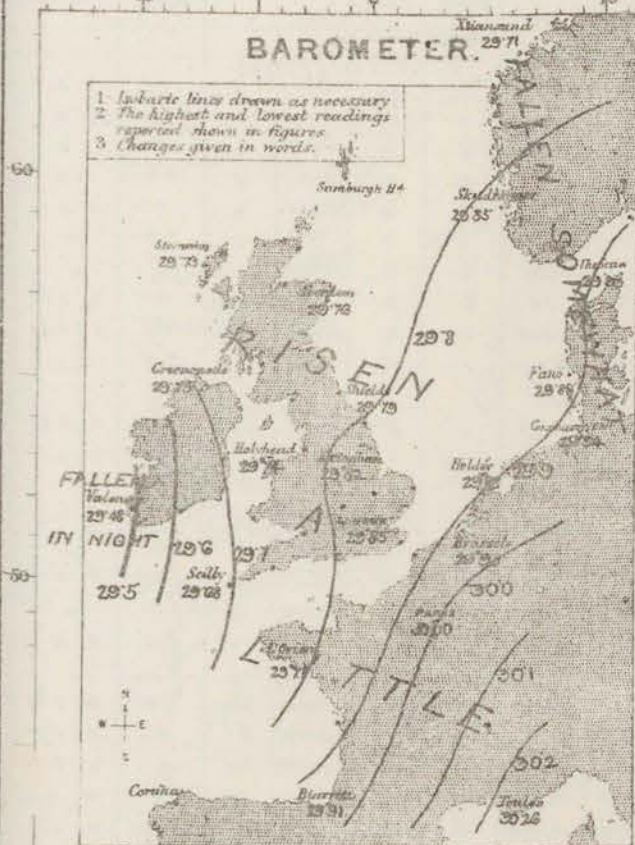
WEATHER CHARTS

AND REMARKS FOR

MONDAY 11TH JANUARY 1875 AT 8 A.M.

BAROMETER.

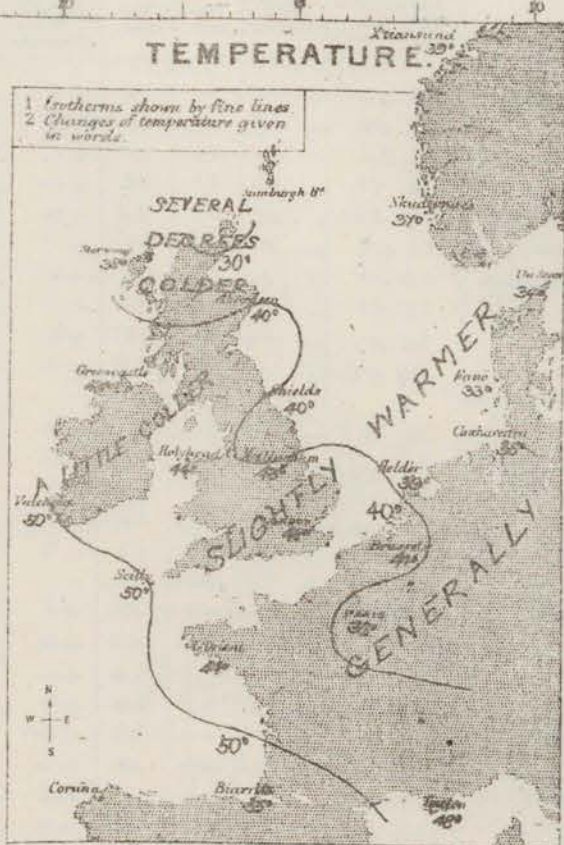
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



Since yesterday morning a slight recovery of pressure has taken place over our Islands, but during the night a fresh fall has commenced in the south of Ireland. The gradient from Paris to Valencia is 0.05 in per 50 miles, for S. winds.

TEMPERATURE.

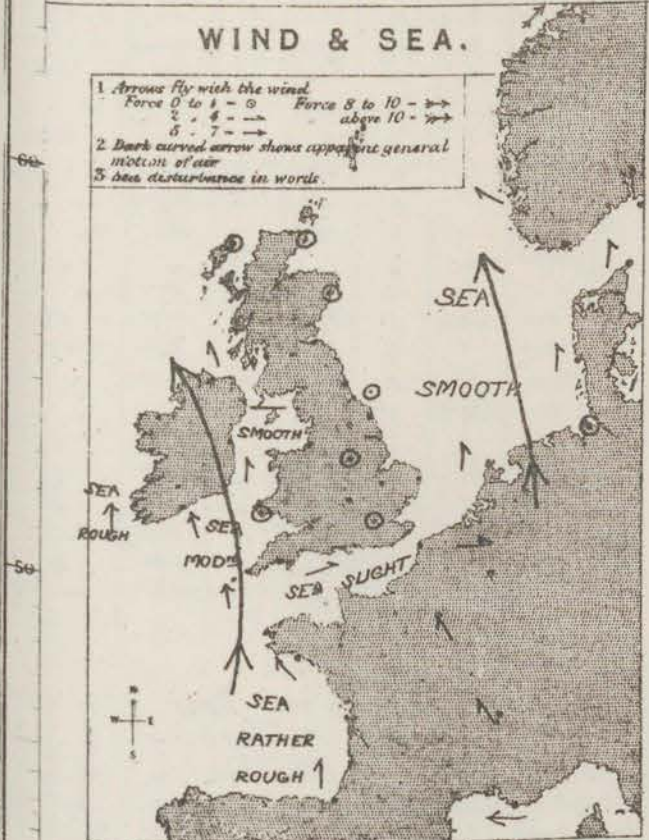
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has decreased somewhat in the north and west, but risen elsewhere. A frost prevails in the north of Scotland.

WIND & SEA.

- 1 Arrows fly with the wind
Force 0 to 4 ->
Force 5 to 10 ->
Force 11 to 15 ->
Force 16 to 20 ->
Force 21 to 25 ->
Force 26 to 30 ->
Force 31 to 35 ->
Force 36 to 40 ->
Force 41 to 45 ->
Force 46 to 50 ->
Force 51 to 55 ->
Force 56 to 60 ->
Force 61 to 65 ->
Force 66 to 70 ->
Force 71 to 75 ->
Force 76 to 80 ->
Force 81 to 85 ->
Force 86 to 90 ->
Force 91 to 95 ->
Force 96 to 100 ->
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words.



S. winds still prevail over Ireland and England, and, though moderate generally they blow strongly at Valencia. In Scotland calms are reported. The sea is rough at Valencia, moderate to smooth elsewhere.

CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Rain has fallen in the west and south of our Islands as well as in the east of England. The sky is still overcast except over France and the north east of Scotland.

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Post paid 5/- per quarter.

Meteorological Office
116, Victoria Str. Westminister, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lath, 22, Bedford St. Covent Garden

Tues-day 8 a.m.

WEATHER REPORT.

January 12th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Discolor- ation 0 to 3. |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. (0 to 12.) | Force. (0 to 12.) | Direc. | | | | |
| Haparanda ... | 29.46 | -.35 | 17 | 17 | +3 | * | * | S | 2 | 4 | SW | * | of | * | * |
| Hernösand ... | 29.56 | -.22 | 23 | 23 | -3 | * | * | Z | 0 | 0 | Z | * | of | * | * |
| Stockholm ... | 29.64 | -.35 | 26 | 26 | -1 | * | * | N | 2 | 2 | SSW | * | o | * | * |
| Wisby ... | 29.73 | -.39 | 33 | 33 | +4 | * | * | N | 4 | 4 | SW | * | sc | * | * |
| Christiansund... | 29.80 | -.09 | 35 | 33 | -4 | 37 | 34 | N | 7 | 4 | NSW | * | n | 0.34 | 6 |
| Skudesnaes ... | 29.92 | -.07 | 36 | 35 | -1 | 37 | 34 | ESE | 2 | 0 | Z | * | of | - | 3 |
| Oxö (X'tiansand) | 29.88 | +.01 | 27 | 27 | -5 | 36 | 27 | NN | 2 | 2 | NNN | * | b | - | 1 |
| Skagen (The Skaw) | 29.88 | -.05 | 33 | 32 | -1 | * | * | N | 2 | 2 | NN | * | o | 0.08 | * |
| Farö ... | 29.97 | +.09 | 36 | 35 | +3 | * | * | NSW | 2 | 2 | NSW | * | of | 0.08 | * |
| Cuxhaven ... | 29.98 | +.04 | 38 | 38 | +3 | ? | 32 | NSW | 1 | 1 | SW | 9 | af | - | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides.) | 29.68 | -.05 | 41 | 40 | +3 | 42 | 33 | SSE | 1 | 1 | SSE | 10 | fd | 0.05 | 1 |
| Thurso... | 29.79 | +.03 | 40 | 39 | +11 | 42 | 29 | SSE | 1 | 1 | S | 8 | fo | 0.01 | 0 |
| Wick ... | 29.78 | +.05 | 41 | 40 | +4 | 43 | 35 | S | 3 | 3 | S | 8 | fo | - | 2 |
| Nairn ... | 29.79 | +.03 | 34 | 34 | +3 | 37 | 30 | Z | 0 | 0 | Z | 10 | fo | 0.09 | 1 |
| Aberdeen ... | 29.83 | +.07 | 42 | 41 | +2 | 43 | 37 | S | 1 | 1 | S | 10 | fo | - | 1 |
| Leith ... | 29.82 | +.05 | 40 | 40 | -1 | 43 | 37 | SE | 2 | 2 | E | 10 | fo | 0.04 | * |
| Shields... | 29.86 | +.07 | 42 | 42 | +2 | 43 | 38 | SSW | 1 | 1 | NNE | 9 | fo | - | 2 |
| York ... | 29.90 | +.09 | 43 | 43 | +4 | 44 | 37 | SE | 1 | 1 | SE | 10 | fa | 0.01 | * |
| Scarborough ... | 29.90 | +.10 | 43 | 43 | +4 | 43 | 39 | SSW | 1 | 1 | SW | 10 | fo | - | 2 |
| Nottingham ... | 29.90 | +.08 | 45 | 44 | +2 | 47 | 43 | SE | 1 | 2 | SSE | 10 | fo | 0.02 | * |
| Ardrossan ... | 29.74 | -.02 | 44 | 43 | +2 | 45 | 41 | ESE | 2 | 2 | ESE | 8 | f | 0.17 | 3 |
| Greencastle ... | 29.65 | -.08 | 47 | 46 | +4 | 47 | 42 | SSE | 3 | 6 | ESE | 10 | g | 0.03 | * |
| Donaghadee ... | 29.68 | -.03 | 47 | 47 | +3 | 47 | 43 | SSE | 5 | 5 | SSE | 10 | o | 0.22 | 3 |
| Kingstown ... | 29.69 | -.04 | 48 | 47 | +4 | 49 | 44 | SSE | 3 | 4 | SSE | 10 | md | 0.21 | 2 |
| Holyhead ... | 29.73 | -.01 | 49 | 48 | +5 | 49 | 42 | SSE | 3 | 1 | SSE | 7 | aug | 0.02 | 2 |
| Liverpool (Bidston Obs.) | 29.80 | +.03 | 45 | 44 | +5 | 45 | 39 | SE | 2 | 4 | ESE | 10 | ow | 0.03 | 2 |
| Valencia ... | 29.62 | +.14 | 49 | 48 | -1 | 53 | 48 | SSW | 3 | 8 | SSE | 7 | rc | 1.02 | 6 |
| Roche's Point... | 29.68 | +.06 | 47 | 46 | +1 | 49 | 46 | SSW | 5 | 8 | S | 9 | mo | 0.19 | 5 |
| Pembroke ... | 29.76 | +.03 | 48 | 48 | +2 | 48 | 45 | S | 4 | 4 | SSE | 10 | mo | 0.03 | 4 |
| Portishead ... | 29.83 | +.06 | 47 | 47 | +5 | 53 | 42 | SSE | 4 | 5 | S | 10 | gw | 0.10 | 2 |
| Scilly ... | 29.78 | +.10 | 50 | 50 | 0 | 52 | 48 | SSW | 5 | 6 | SSE | 5 | ocf | 0.07 | 5 |
| Plymouth ... | 29.84 | +.08 | 50 | 50 | +2 | 51 | 48 | SSW | 2 | 3 | SSE | 10 | gmo | 0.06 | * |
| Hurst Castle ... | 29.88 | +.05 | 46 | 46 | 0 | 48 | 44 | SSE | 3 | 4 | SSE | 10 | or | 0.06 | 3 |
| Dover ... | 29.94 | +.07 | 45 | 44 | 0 | 48 | 41 | SW | 4 | 3 | SW | 5 | be | - | 3 |
| London ... | 29.91 | +.06 | 45 | 45 | -3 | 51 | 41 | S | 1 | 1 | S | 10 | or | 0.02 | * |
| Oxford... | 29.88 | +.07 | 45 | 45 | -1 | 49 | 44 | SE | 1 | 2 | SSE | 10 | md | 0.07 | * |
| Cambridge ... | 29.91 | +.08 | 42 | 41 | -2 | 48 | 40 | SSW | 1 | 1 | S | 10 | og | - | * |
| Yarmouth ... | 29.95 | +.09 | 39 | 39 | -3 | 46 | 38 | S | 1 | 2 | SSW | 7 | mo | - | 2 |
| Helder... | 30.00 | +.12 | 36 | * | -3 | * | * | SSW | 2 | * | * | * | * | * | 2 |
| Cape Gris Nez... | 29.96 | +.07 | 43 | 41 | -1 | 50 | 42 | S | 4 | 4 | S | 8 | o | - | 3 |
| Brest ... | 29.89 | +.14 | 51 | 49 | +3 | 52 | 46 | SSW | 4 | 5 | SSE | 10 | ro | 0.08 | 4 |
| L'Orient ... | 29.86 | +.09 | 43 | 43 | -1 | ? | ? | SSW | 1 | 4 | S | 10 | fo | 0.20 | 5 |
| Rochefort ... | 29.94 | +.05 | 48 | 46 | +3 | 57 | 40 | SE | 5 | 5 | SSE | 10 | co | - | 3 |
| Biarritz ... | 29.98 | +.07 | 55 | 53 | 0 | 60 | 52 | S | 3 | 5 | S | 10 | or | - | 3 |
| Corunna ... | | | | * | | * | * | | * | * | * | * | b | * | * |
| Brussels ... | 30.02 | +.07 | 45 | * | +1 | * | * | SSW | 3 | * | * | * | b | * | * |
| Charleville ... | 30.12 | +.05 | 33 | * | -4 | * | * | S | 1 | * | * | * | b | * | * |
| Paris ... | 30.04 | +.04 | 39 | * | +3 | 47 | 37 | SE | 4 | 4 | SE | 10 | co | - | * |
| Lyons ... | ? | ? | 45 | * | +2 | * | * | NE | 3 | * | * | * | b | * | * |
| Toulon... | 30.20 | -.06 | 48 | 48 | 0 | 52 | 44 | E | 5 | 5 | E | 9 | o | - | 5 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|----|
| Skudesnaes ... | 29.84 | 34 | 33 | E | 2 | * | b | 3 | Valencia ... | 29.39 | 51 | 51 | SSE | 7 | 9 | r |
| Thurso ... | 29.80 | 37 | 37 | Z | 0 | 10 | f | 0 | Scilly ... | 29.65 | 51 | 50 | SSE | 6 | 9 | d |
| Scarborough... | 29.82 | 41 | 41 | SW | 1 | 10 | f | 1 | London ... | 29.84 | 50 | 48 | SSE | 1 | 10 | co |
| Greencastle ... | 29.69 | 45 | 44 | SE | 3 | 10 | g | * | Rochefort... | 29.86 | 54 | 49 | SSE | 5 | 6 | a |
| Holyhead ... | 29.73 | 47 | 46 | SSE | 1 | 7 | mg | 1 | | | | | | | | |

Pressure continues to decrease in the SW. and the decrease is extending N^W and E^W. The wind is strong from SSE. on our SW. coasts and a high sea is running at Valencia. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

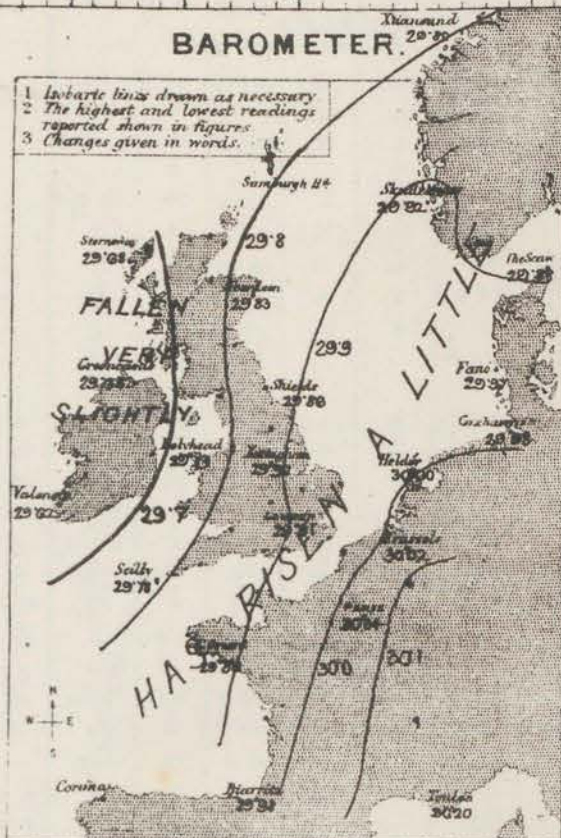
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 12TH JANUARY 1875 AT 8 A.M.

BAROMETER.

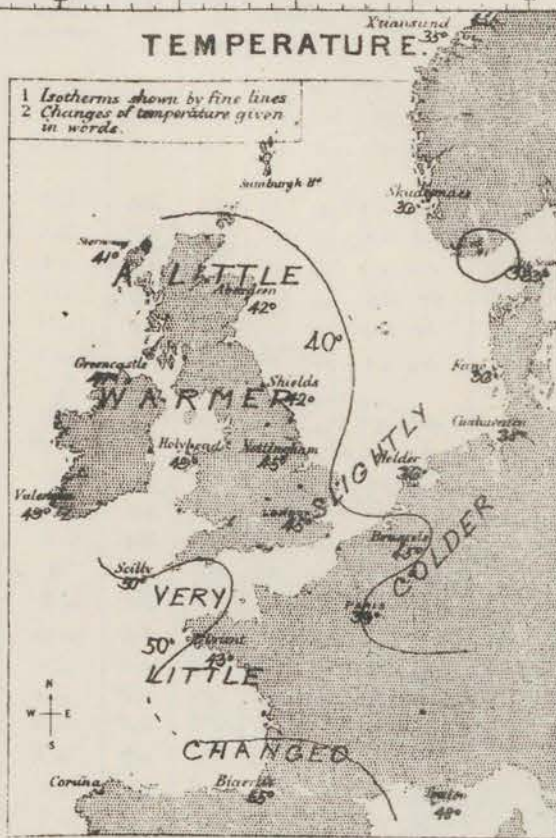
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The decrease of pressure noticed in the south-west and west yesterday appears to be passing off to the NW, and a rise of the barometer is in progress on all but the most north-western of our coasts. The gradient from Brussels to Kingstown is only 0.04 in per 50 miles.

TEMPERATURE.

- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has fallen a little in Norway and at the south-eastern stations, but risen somewhat elsewhere.

WIND & SEA.

- 1 Arrows fly with the wind Force 0 to 4 - 5 - 6 Force 8 to 10 - 11 - 12 Force 13 to 15 - 16 - 17 Force 18 to 20 - 21 - 22 Force 23 to 24 - 25 - 26 Force 27 to 28 - 29 - 30 Force 31 to 32 - 33 - 34 Force 35 to 36 - 37 - 38 Force 39 to 40 - 41 - 42 Force 43 to 44 - 45 - 46 Force 47 to 48 - 49 - 50 Force 51 to 52 - 53 - 54 Force 55 to 56 - 57 - 58 Force 59 to 60 - 61 - 62 Force 63 to 64 - 65 - 66 Force 67 to 68 - 69 - 70 Force 71 to 72 - 73 - 74 Force 75 to 76 - 77 - 78 Force 79 to 80 - 81 - 82 Force 83 to 84 - 85 - 86 Force 87 to 88 - 89 - 90 Force 91 to 92 - 93 - 94 Force 95 to 96 - 97 - 98 Force 99 to 100 - 101 - 102 Force 103 to 104 - 105 - 106 Force 107 to 108 - 109 - 110 Force 111 to 112 - 113 - 114 Force 115 to 116 - 117 - 118 Force 119 to 120 - 121 - 122 Force 123 to 124 - 125 - 126 Force 127 to 128 - 129 - 130 Force 131 to 132 - 133 - 134 Force 135 to 136 - 137 - 138 Force 139 to 140 - 141 - 142 Force 143 to 144 - 145 - 146 Force 147 to 148 - 149 - 150 Force 151 to 152 - 153 - 154 Force 155 to 156 - 157 - 158 Force 159 to 160 - 161 - 162 Force 163 to 164 - 165 - 166 Force 167 to 168 - 169 - 170 Force 171 to 172 - 173 - 174 Force 175 to 176 - 177 - 178 Force 179 to 180 - 181 - 182 Force 183 to 184 - 185 - 186 Force 187 to 188 - 189 - 190 Force 191 to 192 - 193 - 194 Force 195 to 196 - 197 - 198 Force 199 to 200 - 201 - 202 Force 203 to 204 - 205 - 206 Force 207 to 208 - 209 - 210 Force 211 to 212 - 213 - 214 Force 215 to 216 - 217 - 218 Force 219 to 220 - 221 - 222 Force 223 to 224 - 225 - 226 Force 227 to 228 - 229 - 230 Force 231 to 232 - 233 - 234 Force 235 to 236 - 237 - 238 Force 239 to 240 - 241 - 242 Force 243 to 244 - 245 - 246 Force 247 to 248 - 249 - 250 Force 251 to 252 - 253 - 254 Force 255 to 256 - 257 - 258 Force 259 to 260 - 261 - 262 Force 263 to 264 - 265 - 266 Force 267 to 268 - 269 - 270 Force 271 to 272 - 273 - 274 Force 275 to 276 - 277 - 278 Force 279 to 280 - 281 - 282 Force 283 to 284 - 285 - 286 Force 287 to 288 - 289 - 290 Force 291 to 292 - 293 - 294 Force 295 to 296 - 297 - 298 Force 299 to 300 - 301 - 302 Force 303 to 304 - 305 - 306 Force 307 to 308 - 309 - 310 Force 311 to 312 - 313 - 314 Force 315 to 316 - 317 - 318 Force 319 to 320 - 321 - 322 Force 323 to 324 - 325 - 326 Force 327 to 328 - 329 - 330 Force 331 to 332 - 333 - 334 Force 335 to 336 - 337 - 338 Force 339 to 340 - 341 - 342 Force 343 to 344 - 345 - 346 Force 347 to 348 - 349 - 350 Force 351 to 352 - 353 - 354 Force 355 to 356 - 357 - 358 Force 359 to 360 - 361 - 362 Force 363 to 364 - 365 - 366 Force 367 to 368 - 369 - 370 Force 371 to 372 - 373 - 374 Force 375 to 376 - 377 - 378 Force 379 to 380 - 381 - 382 Force 383 to 384 - 385 - 386 Force 387 to 388 - 389 - 390 Force 391 to 392 - 393 - 394 Force 395 to 396 - 397 - 398 Force 399 to 400 - 401 - 402 Force 403 to 404 - 405 - 406 Force 407 to 408 - 409 - 410 Force 411 to 412 - 413 - 414 Force 415 to 416 - 417 - 418 Force 419 to 420 - 421 - 422 Force 423 to 424 - 425 - 426 Force 427 to 428 - 429 - 430 Force 431 to 432 - 433 - 434 Force 435 to 436 - 437 - 438 Force 439 to 440 - 441 - 442 Force 443 to 444 - 445 - 446 Force 447 to 448 - 449 - 450 Force 451 to 452 - 453 - 454 Force 455 to 456 - 457 - 458 Force 459 to 460 - 461 - 462 Force 463 to 464 - 465 - 466 Force 467 to 468 - 469 - 470 Force 471 to 472 - 473 - 474 Force 475 to 476 - 477 - 478 Force 479 to 480 - 481 - 482 Force 483 to 484 - 485 - 486 Force 487 to 488 - 489 - 490 Force 491 to 492 - 493 - 494 Force 495 to 496 - 497 - 498 Force 499 to 500 - 501 - 502 Force 503 to 504 - 505 - 506 Force 507 to 508 - 509 - 510 Force 511 to 512 - 513 - 514 Force 515 to 516 - 517 - 518 Force 519 to 520 - 521 - 522 Force 523 to 524 - 525 - 526 Force 527 to 528 - 529 - 530 Force 531 to 532 - 533 - 534 Force 535 to 536 - 537 - 538 Force 539 to 540 - 541 - 542 Force 543 to 544 - 545 - 546 Force 547 to 548 - 549 - 550 Force 551 to 552 - 553 - 554 Force 555 to 556 - 557 - 558 Force 559 to 560 - 561 - 562 Force 563 to 564 - 565 - 566 Force 567 to 568 - 569 - 570 Force 571 to 572 - 573 - 574 Force 575 to 576 - 577 - 578 Force 579 to 580 - 581 - 582 Force 583 to 584 - 585 - 586 Force 587 to 588 - 589 - 590 Force 591 to 592 - 593 - 594 Force 595 to 596 - 597 - 598 Force 599 to 600 - 601 - 602 Force 603 to 604 - 605 - 606 Force 607 to 608 - 609 - 610 Force 611 to 612 - 613 - 614 Force 615 to 616 - 617 - 618 Force 619 to 620 - 621 - 622 Force 623 to 624 - 625 - 626 Force 627 to 628 - 629 - 630 Force 631 to 632 - 633 - 634 Force 635 to 636 - 637 - 638 Force 639 to 640 - 641 - 642 Force 643 to 644 - 645 - 646 Force 647 to 648 - 649 - 650 Force 651 to 652 - 653 - 654 Force 655 to 656 - 657 - 658 Force 659 to 660 - 661 - 662 Force 663 to 664 - 665 - 666 Force 667 to 668 - 669 - 670 Force 671 to 672 - 673 - 674 Force 675 to 676 - 677 - 678 Force 679 to 680 - 681 - 682 Force 683 to 684 - 685 - 686 Force 687 to 688 - 689 - 690 Force 691 to 692 - 693 - 694 Force 695 to 696 - 697 - 698 Force 699 to 700 - 701 - 702 Force 703 to 704 - 705 - 706 Force 707 to 708 - 709 - 710 Force 711 to 712 - 713 - 714 Force 715 to 716 - 717 - 718 Force 719 to 720 - 721 - 722 Force 723 to 724 - 725 - 726 Force 727 to 728 - 729 - 730 Force 731 to 732 - 733 - 734 Force 735 to 736 - 737 - 738 Force 739 to 740 - 741 - 742 Force 743 to 744 - 745 - 746 Force 747 to 748 - 749 - 750 Force 751 to 752 - 753 - 754 Force 755 to 756 - 757 - 758 Force 759 to 760 - 761 - 762 Force 763 to 764 - 765 - 766 Force 767 to 768 - 769 - 770 Force 771 to 772 - 773 - 774 Force 775 to 776 - 777 - 778 Force 779 to 780 - 781 - 782 Force 783 to 784 - 785 - 786 Force 787 to 788 - 789 - 790 Force 791 to 792 - 793 - 794 Force 795 to 796 - 797 - 798 Force 799 to 800 - 801 - 802 Force 803 to 804 - 805 - 806 Force 807 to 808 - 809 - 810 Force 811 to 812 - 813 - 814 Force 815 to 816 - 817 - 818 Force 819 to 820 - 821 - 822 Force 823 to 824 - 825 - 826 Force 827 to 828 - 829 - 830 Force 831 to 832 - 833 - 834 Force 835 to 836 - 837 - 838 Force 839 to 840 - 841 - 842 Force 843 to 844 - 845 - 846 Force 847 to 848 - 849 - 850 Force 851 to 852 - 853 - 854 Force 855 to 856 - 857 - 858 Force 859 to 860 - 861 - 862 Force 863 to 864 - 865 - 866 Force 867 to 868 - 869 - 870 Force 871 to 872 - 873 - 874 Force 875 to 876 - 877 - 878 Force 879 to 880 - 881 - 882 Force 883 to 884 - 885 - 886 Force 887 to 888 - 889 - 890 Force 891 to 892 - 893 - 894 Force 895 to 896 - 897 - 898 Force 899 to 900 - 901 - 902 Force 903 to 904 - 905 - 906 Force 907 to 908 - 909 - 910 Force 911 to 912 - 913 - 914 Force 915 to 916 - 917 - 918 Force 919 to 920 - 921 - 922 Force 923 to 924 - 925 - 926 Force 927 to 928 - 929 - 930 Force 931 to 932 - 933 - 934 Force 935 to 936 - 937 - 938 Force 939 to 940 - 941 - 942 Force 943 to 944 - 945 - 946 Force 947 to 948 - 949 - 950 Force 951 to 952 - 953 - 954 Force 955 to 956 - 957 - 958 Force 959 to 960 - 961 - 962 Force 963 to 964 - 965 - 966 Force 967 to 968 - 969 - 970 Force 971 to 972 - 973 - 974 Force 975 to 976 - 977 - 978 Force 979 to 980 - 981 - 982 Force 983 to 984 - 985 - 986 Force 987 to 988 - 989 - 990 Force 991 to 992 - 993 - 994 Force 995 to 996 - 997 - 998 Force 999 to 1000 - 1001 - 1002 Force 1003 to 1004 - 1005 - 1006 Force 1007 to 1008 - 1009 - 1010 Force 1011 to 1012 - 1013 - 1014 Force 1015 to 1016 - 1017 - 1018 Force 1019 to 1020 - 1021 - 1022 Force 1023 to 1024 - 1025 - 1026 Force 1027 to 1028 - 1029 - 1030 Force 1031 to 1032 - 1033 - 1034 Force 1035 to 1036 - 1037 - 1038 Force 1039 to 1040 - 1041 - 1042 Force 1043 to 1044 - 1045 - 1046 Force 1047 to 1048 - 1049 - 1050 Force 1051 to 1052 - 1053 - 1054 Force 1055 to 1056 - 1057 - 1058 Force 1059 to 1060 - 1061 - 1062 Force 1063 to 1064 - 1065 - 1066 Force 1067 to 1068 - 1069 - 1070 Force 1071 to 1072 - 1073 - 1074 Force 1075 to 1076 - 1077 - 1078 Force 1079 to 1080 - 1081 - 1082 Force 1083 to 1084 - 1085 - 1086 Force 1087 to 1088 - 1089 - 1090 Force 1091 to 1092 - 1093 - 1094 Force 1095 to 1096 - 1097 - 1098 Force 1099 to 1100 - 1101 - 1102 Force 1103 to 1104 - 1105 - 1106 Force 1107 to 1108 - 1109 - 1110 Force 1111 to 1112 - 1113 - 1114 Force 1115 to 1116 - 1117 - 1118 Force 1119 to 1120 - 1121 - 1122 Force 1123 to 1124 - 1125 - 1126 Force 1127 to 1128 - 1129 - 1130 Force 1131 to 1132 - 1133 - 1134 Force 1135 to 1136 - 1137 - 1138 Force 1139 to 1140 - 1141 - 1142 Force 1143 to 1144 - 1145 - 1146 Force 1147 to 1148 - 1149 - 1150 Force 1151 to 1152 - 1153 - 1154 Force 1155 to 1156 - 1157 - 1158 Force 1159 to 1160 - 1161 - 1162 Force 1163 to 1164 - 1165 - 1166 Force 1167 to 1168 - 1169 - 1170 Force 1171 to 1172 - 1173 - 1174 Force 1175 to 1176 - 1177 - 1178 Force 1179 to 1180 - 1181 - 1182 Force 1183 to 1184 - 1185 - 1186 Force 1187 to 1188 - 1189 - 1190 Force 1191 to 1192 - 1193 - 1194 Force 1195 to 1196 - 1197 - 1198 Force 1199 to 1200 - 1201 - 1202 Force 1203 to 1204 - 1205 - 1206 Force 1207 to 1208 - 1209 - 1210 Force 1211 to 1212 - 1213 - 1214 Force 1215 to 1216 - 1217 - 1218 Force 1219 to 1220 - 1221 - 1222 Force 1223 to 1224 - 1225 - 1226 Force 1227 to 1228 - 1229 - 1230 Force 1231 to 1232 - 1233 - 1234 Force 1235 to 1236 - 1237 - 1238 Force 1239 to 1240 - 1241 - 1242 Force 1243 to 1244 - 1245 - 1246 Force 1247 to 1248 - 1249 - 1250 Force 1251 to 1252 - 1253 - 1254 Force 1255 to 1256 - 1257 - 1258 Force 1259 to 1260 - 1261 - 1262 Force 1263 to 1264 - 1265 - 1266 Force 1267 to 1268 - 1269 - 1270 Force 1271 to 1272 - 1273 - 1274 Force 1275 to 1276 - 1277 - 1278 Force 1279 to 1280 - 1281 - 1282 Force 1283 to 1284 - 1285 - 1286 Force 1287 to 1288 - 1289 - 1290 Force 1291 to 1292 - 1293 - 1294 Force 1295 to 1296 - 1297 - 1298 Force 1299 to 1300 - 1301 - 1302 Force 1303 to 1304 - 1305 - 1306 Force 1307 to 1308 - 1309 - 1310 Force 1311 to 1312 - 1313 - 1314 Force 1315 to 1316 - 1317 - 1318 Force 1319 to 1320 - 1321 - 1322 Force 1323 to 1324 - 1325 - 1326 Force 1327 to 1328 - 1329 - 1330 Force 1331 to 1332 - 1333 - 1334 Force 1335 to 1336 - 1337 - 1338 Force 1339 to 1340 - 1341 - 1342 Force 1343 to 1344 - 1345 - 1346 Force 1347 to 1348 - 1349 - 1350 Force 1351 to 1352 - 1353 - 1354 Force 1355 to 1356 - 1357 - 1358 Force 1359 to 1360 - 1361 - 1362 Force 1363 to 1364 - 1365 - 1366 Force 1367 to 1368 - 1369 - 1370 Force 1371 to 1372 - 1373 - 1374 Force 1375 to 1376 - 1377 - 1378 Force 1379 to 1380 - 1381 - 1382 Force 1383 to 1384 - 1385 - 1386 Force 1387 to 1388 - 1389 - 1390 Force 1391 to 1392 - 1393 - 1394 Force 1395 to 1396 - 1397 - 1398 Force 1399 to 1400 - 1401 - 1402 Force 1403 to 1404 - 1405 - 1406 Force 1407 to 1408 - 1409 - 1410 Force 1411 to 1412 - 1413 - 1414 Force 1415 to 1416 - 1417 - 1418 Force 1419 to 1420 - 1421 - 1422 Force 1423 to 1424 - 1425 - 1426 Force 1427 to 1428 - 1429 - 1430 Force 1431 to 1432 - 1433 - 1434 Force 1435 to 1436 - 1437 - 1438 Force 1439 to 1440 - 1441 - 1442 Force 1443 to 1444 - 1445 - 1446 Force 1447 to 1448 - 1449 - 1450 Force 1451 to 1452 - 1453 - 1454 Force 1455 to 1456 - 1457 - 1458 Force 1459 to 1460 - 1461 - 1462 Force 1463 to 1464 - 1465 - 1466 Force 1467 to 1468 - 1469 - 1470 Force 1471 to 1472 - 1473 - 1474 Force 1475 to 1476 - 1477 - 1478 Force 1479 to 1480 - 1481 - 1482 Force 1483 to 1484 - 1485 - 1486 Force 1487 to 1488 - 1489 - 1490 Force 1491 to 1492 - 1493 - 1494 Force 1495 to 1496 - 1497 - 1498 Force 1499 to 1500 - 1501 - 1502 Force 1503 to 1504 - 1505 - 1506 Force 1507 to 1508 - 1509 - 1510 Force 1511 to 1512 - 1513 - 1514 Force 1515 to 1516 - 1517 - 1518 Force 1519 to 1520 - 1521 - 1522 Force 1523 to 1524 - 1525 - 1526 Force 1527 to 1528 - 1529 - 1530 Force 1531 to 1532 - 1533 - 1534 Force 1535 to 1536 - 1537 - 1538 Force 1539 to 1540 - 1541 - 1542 Force 1543 to 1544 - 1545 - 1546 Force 1547 to 1548 - 1549 - 1550 Force 1551 to 1552 - 1553 - 1554 Force 1555 to 1556 - 1557 - 1558 Force 1559 to 1560 - 1561 - 1562 Force 1563 to 1564 - 1565 - 1566 Force 1567 to 1568 - 1569 - 1570 Force 1571 to 1572 - 1573 - 1574 Force 1575 to 1576 - 1577 - 1578 Force 1579 to 1580 - 1581 - 1582 Force 1583 to 1584 - 1585 - 1586 Force 1587 to 1588 - 1589 - 1590 Force 1591 to 1592 - 1593 - 1594 Force 1595 to 1596 - 1597 - 1598 Force 1599 to 1600 - 1601 - 1602 Force 1603 to 1604 - 1605 - 1606 Force 1607 to 1608 - 1609 - 1610 Force 1611 to 1612 - 1613 - 1614 Force 1615 to 1616 - 1617 - 1618 Force 1619 to 1620 - 1621 - 1622 Force 1623 to 1624 - 1625 - 1626 Force 1627 to 1628 - 1629 - 1630 Force 1631 to 1632 - 1633 - 1634 Force 1635 to 1636 - 1637 - 1638 Force 1639 to 1640 - 1641 - 1642 Force 1643 to 1644 - 1645 - 1646 Force 1647 to 1648 - 1649 - 1650 Force 1651 to 1652 - 1653 - 1654 Force 1655 to 1656 - 1657 - 1658 Force 1659 to 1660 - 1661 - 1662 Force 1663 to 1664 - 1665 - 1666 Force 1667 to 1668 - 1669 - 1670 Force 1671 to 1672 - 1673 - 1674 Force 1675 to 1676 - 1677 - 1678 Force 1679 to 1680 - 1681 - 1682 Force 1683 to 1684 - 1685 - 1686 Force 1687 to 1688 - 1689 - 1690 Force 1691 to 1692 - 1693 - 1694 Force 1695 to 1696 - 1697 - 1698 Force 1699 to 1700 - 1701 - 1702 Force 1703 to 1704 - 1705 - 1706 Force 1707 to 1708 - 1709 - 1710 Force 1711 to 1712 - 1713 - 1714 Force 1715 to 1716 - 1717 - 1718 Force 1719 to 1720 - 1721 - 1722 Force 1723 to 1724 - 1725 - 1726 Force 1727 to 1728 - 1729 - 1730 Force 1731 to 1732 - 1733 - 1734 Force 1735 to 1736 - 1737 - 1738 Force 1739 to 1740 - 1741 - 1742 Force 1743 to 1744 - 1745 - 1746 Force 1747 to 1748 - 1749 - 1750 Force 1751 to 1752 - 1753 - 1754 Force 1755 to 1756 - 1757 - 1758 Force 1759 to 1760 - 1761 - 1762 Force 1763 to 1764 - 1765 - 1766 Force 1767 to 1768 - 1769 - 1770 Force 1771 to 1772 - 1773 - 1774 Force 1775 to 1776 - 1777 - 1778 Force 1779 to 1780 - 1781 - 1782 Force 1783 to 1784 - 1785 - 1786 Force 1787 to 1788 - 1789 - 1790 Force 1791 to 1792 - 1793 - 1794 Force 1795 to 1796 - 1797 - 1798 Force 1799 to 1800 - 1801 - 1802 Force 1803 to 1804 - 1805 - 1806 Force 1807 to 1808 - 1809 - 1810 Force 1811 to 1812 - 1813 - 1814 Force 1815 to 1816 - 1817 - 1818 Force 1819 to 1820 - 1821 - 1822 Force 1823 to 1824 - 1825 - 1826 Force 1827 to 1828 - 1829 - 1830 Force 1831 to 1832 - 1833 - 1834 Force 1835 to 1836 - 1837 - 1838 Force 1839 to 1840 - 1841 - 1842 Force 1843 to 1844 - 1845 - 1846 Force 1847 to 1848 - 1849 - 1850 Force 1851 to 1852 - 1853 - 1854 Force 1855 to 1856 - 1857 - 1858 Force 1859 to 1860 - 1861 - 1862 Force 1863 to 1864 - 1865 - 1866 Force 1867 to 1868 - 1869 - 1870 Force 1871 to 1872 - 1873 - 1874 Force 1875 to 1876 - 1877 - 1878 Force 1879 to 1880 - 1881 - 1882 Force 1883 to 1884 - 1885 - 1886 Force 1887 to 1888 - 1889 - 1890 Force 1891 to 1892 - 1893 - 1894 Force 1895 to 1896 - 1897 - 1898 Force 1899 to 1900 - 1901 - 1902 Force 1903 to 1904 - 1905 - 1906 Force 1907 to 1908 - 1909 - 1910 Force 1911 to 1912 - 1913 - 1914 Force 1915 to 1916 - 1917 - 1918 Force 1919 to 1920 - 1921 - 1922 Force 1923 to 1924 - 1925 - 1926 Force 1927 to 1928 - 1929 - 1930 Force 1931 to 1932 - 1933 - 1934 Force 1935 to 1936 - 1937 - 1938 Force 1939 to 1940 - 1941 - 1942 Force 1943 to 1944 - 1945 - 1946 Force 1947 to 1948 - 1949 - 1950 Force 1951 to 1952 - 1953 - 1954 Force 1955 to 1956 - 1957 - 1958 Force 1959 to 1960 - 1961 - 1962 Force 1963 to 1964 - 1965 - 1966 Force 1967 to 1968 - 1969 - 1970 Force 1971 to 1972 - 1973 - 1974 Force 1975 to 1976 - 1977 - 1978 Force 1979 to 1980 - 1981 - 1982 Force 1983 to 1984 - 1985 - 1986 Force 1987 to 1988 - 1989 - 1990 Force 1991 to 1992 - 1993 - 1994 Force 1995 to 1996 - 1997 - 1998 Force 1999 to 2000 - 2001 - 2002 Force 2003 to 2004 - 2005 - 2006 Force 2007 to 2008 - 2009 - 2010 Force 2011 to 2012 - 2013 - 2014 Force 2015 to 2016 - 2017 - 2018 Force 2019 to 2020 - 2021 - 2022 Force 2023 to 2024 - 2025 - 2026 Force 2027 to 2028 - 2029 - 2030 Force 2031 to 2032 - 2033 - 2034 Force 2035 to 2036 - 2037 - 2038 Force 2039 to 2040 - 2041 - 2042 Force 2043 to 2044 - 2045 - 2046 Force 2047 to 2048 - 2049 - 2050 Force 2051 to 2052 - 2053 - 2054 Force 2055 to 2056 - 2057 - 2058 Force 2059 to 2060 - 2061 - 2062 Force 2063 to 2064 - 2065 - 2066 Force 2067 to 2068 - 2069 - 2070 Force 2071 to 2072 - 2073 - 2074 Force 2075 to 2076 - 2077 - 2078 Force 2079 to 2080 - 2081 - 2082 Force 2083 to 2084 - 2085 - 2086 Force 2087 to 2088 - 2089 - 2090 Force 2091 to 2092 - 2093 - 2094 Force 2095 to 2096 - 2097 - 2098 Force 2099 to 2100 - 2101 - 2102 Force 2103 to 2104 - 2105 - 2106 Force 2107 to 2108 - 2109 -

Wednesday 8 a.m.

WEATHER REPORT.

January 13th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Discol- oured 0 to 4. | |
|------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dir. |
| Haparanda ... | 29.47 | + .01 | 5 | 5 | -12 | * | * | NN | 2 | 2 | SN | * | bc | * | * |
| Hernösand ... | 29.76 | + .20 | 26 | 24 | +3 | * | * | NN | 4 | 4 | NY | * | b | * | * |
| Stockholm ... | 29.94 | + .30 | 14 | 14 | -12 | * | * | NNN | 1 | 4 | NNN | * | b | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | 30.07 | + .27 | 32 | 32 | -3 | 32 | 32 | NWN | 7 | 6 | NWN | * | cs | - | 6 |
| Skudesnaes ... | 30.02 | + .10 | 37 | 35 | +1 | 37 | 36 | SE | 6 | 4 | ESE | * | o | - | 4 |
| Oxö (X'tiansand) ... | 30.03 | + .15 | 29 | 28 | +2 | 32 | 28 | N | 4 | 2 | NWN | * | c | - | 2 |
| Skagen (The Skaw) ... | 30.04 | + .16 | 32 | 32 | -1 | * | * | ESE | 2 | 2 | N | * | bo | - | * |
| Fanö ... | 30.04 | + .07 | 35 | 35 | -1 | * | * | Z | 0 | 0 | Z | * | g | - | * |
| Cuxhaven ... | 30.02 f | + .04 | 39 | 38 | +1 | ? | 35 | NWN | 1 | 2 | SN | 9 | f | - | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Sternoway (Hebrides) ... | 29.77 r | + .09 | 44 | 43 | +3 | 45 | 40 | ESE | 2 | 2 | SE | 9 | ro | 0.21 | 3 |
| Thurso ... | 29.86 r | + .07 | 35 | 35 | -5 | 42 | 34 | SSE | 1 | 3 | S | 4 | gan | 0.09 | 1 |
| Wick ... | 29.87 f | + .09 | 41 | 40 | 0 | 43 | 37 | S | 1 | 3 | S | 6 | fc | 0.08 | 1 |
| Nairn ... | 29.87 r | + .08 | 31 | 29 | -3 | 38 | 31 | Z | 0 | 1 | SSW | 4 | oo | 0.10 | 1 |
| Aberdeen ... | 29.89 r | + .06 | 40 | 39 | -2 | 43 | 37 | SSW | 1 | 1 | S | 5 | dc | 0.11 | 1 |
| Leith ... | 29.92 r | + .10 | 40 | 40 | 0 | 49 | 38 | E | 1 | 2 | NE | 7 | opw | 0.03 | * |
| Shields ... | 29.98 r | + .12 | 40 | 40 | -2 | 45 | 38 | SW | 2 | 2 | SW | 8 | of | 0.03 | 1 |
| York ... | 30.00 r | + .10 | 39 | 39 | -4 | 43 | 37 | S | 1 | 1 | S | 10 | f | 0.10 | * |
| Scarborough ... | 30.02 r | + .12 | 42 | 42 | -1 | 46 | 41 | SW | 1 | 1 | SSW | 9 | o | 0.03 | 1 |
| Nottingham ... | 30.04 r | + .14 | 47 | 45 | +2 | 48 | 45 | SSE | 2 | 2 | SSE | 7 | rm | 0.11 | * |
| Ardrossan ... | 29.84 r | + .10 | 47 | 45 | +3 | 48 | 44 | ESE | 3 | 3 | ESE | 8 | go | - | 3 |
| Greencastle ... | 29.71 f | + .06 | 48 | 47 | +1 | 48 | 45 | SE | 4 | 4 | SE | 10 | ag | - | * |
| Donaghadee ... | 29.78 f | + .10 | 48 | 47 | +1 | 49 | 44 | S | 6 | 6 | S | 10 | o | 0.03 | 4 |
| Kingstown ... | 29.77 f | + .08 | 49 | 48 | +1 | 50 | 47 | ?N | 4 | 3 | S | 10 | cm | 0.01 | 3 |
| Holyhead ... | 29.83 f | + .10 | 49 | 48 | 0 | 50 | 46 | SSE | 4 | 3 | SSW | 7 | dm | 0.02 | 1 |
| Liverpool (Bidston Obs.) ... | 29.94 r | + .14 | 45 | 44 | 0 | 50 | 43 | SE | 2 | 3 | SE | 8 | co | - | 4 |
| Valencia ... | 29.55 f | - .07 | 50 | 48 | +1 | 53 | 48 | SSW | 4 | 7 | S | 4 | re | 0.52 | 6 |
| Roche's Point ... | 29.63 f | - .05 | 48 | 48 | +1 | 49 | 47 | SSW | 7 | 9 | S | 8 | o | 0.40 | 4 |
| Pembroke ... | 29.82 f | + .06 | 48 | 47 | 0 | 49 | 47 | SE | 6 | 5 | SE | 8 | mw | - | 4 |
| Portishead ... | 29.94 r | + .11 | 48 | 47 | +1 | 53 | 44 | SSE | 5 | 5 | SSE | 7 | ow | - | 4 |
| Scilly ... | 29.78 f | + .00 | 50 | 50 | 0 | 55 | 49 | S | 9 | 9 | S | 9 | co | 0.05 | 7 |
| Plymouth ... | 29.94 r | + .10 | 49 | 48 | -1 | 52 | 48 | SE | 3 | 4 | S | 10 | o | 0.01 | 4 |
| Hurst Castle ... | 30.04 r | + .16 | 47 | 46 | +1 | 49 | 44 | S | 5 | 5 | S | 8 | ro | 0.07 | 1 |
| Dover ... | 30.13 r | + .19 | 45 | 45 | 0 | 46 | 40 | SW | 1 | 3 | SW | 10 | of | 0.04 | * |
| London ... | 30.08 r | + .17 | 47 | 46 | +2 | 50 | 44 | SSE | 1 | 2 | S | 10 | ro | 0.17 | * |
| Oxford ... | 30.03 | + .15 | 48 | 47 | +3 | 51 | 45 | SE | 1 | 1 | SE | 10 | q | 0.05 | * |
| Cambridge ... | 30.07 r | + .16 | 44 | 44 | +2 | 48 | 42 | S | 1 | 1 | S | 10 | ro | 0.13 | * |
| Yarmouth ... | 30.08 r | + .13 | 43 | 43 | +4 | 45 | 38 | SW | 1 | 1 | S | 6 | dm | 0.06 | 2 |
| Helder ... | 30.07 | + .07 | 42 | * | +6 | * | * | SSW | 4 | * | * | * | * | * | 2 |
| Cape Gris Nez ... | 30.13 r | + .17 | 47 | 45 | +4 | ? | 42 | S | 1 | 3 | S | 9 | o | 0.12 | 1 |
| Brest ... | 29.98 f | + .09 | 50 | 50 | -1 | 52 | 47 | S | 7 | 7 | S | 10 | o | - | 5 |
| L'Orient ... | 30.013 | + .15 | 44 | 44 | +1 | ? | ? | SE | 4 | 4 | SE | 10 | f | 0.04 | 5 |
| Rochefort ... | 30.063 | + .12 | 47 | 45 | -1 | 53 | 45 | SSE | 5 | 5 | SE | 6 | o | - | 3 |
| Biarritz ... | 30.12 r | + .14 | 54 | 53 | -1 | 59 | 50 | S | 4 | 3 | S | 5 | o | - | 3 |
| Corunna ... | | | | * | | * | * | | | | * | * | * | * | * |
| Brussels ... | 30.14 | + .12 | 46 | * | +1 | * | * | SW | 1 | * | * | * | o | * | * |
| Charleville ... | ? 30.19 | + .07 | 33 | * | 0 | * | * | SE | 1 | * | * | * | o | * | * |
| Paris ... | 30.19 r | + .15 | 43 | * | +4 | 46 | 43 | SSE | 3 | 4 | S | 8 | re | 0.08 | * |
| Lyons ... | ? | ? | 42 | * | -3 | * | * | N | 1 | * | * | * | c | * | * |
| Toulon ... | 30.32 r | + .12 | 46 | 44 | -2 | 49 | 45 | E | 5 | 5 | E | 5 | rf | 0.12 | 4 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-----------------|-------|------|------|-------|----|------|------|---|---------------|-------|------|-------|----|------|------|
| Skudesnaes ... | 29.94 | 38 | 37 | NNN | 2 | * | r | 2 | Valencia ... | 29.64 | 50 | 48 | S | 6 | 7 |
| Thurso ... | 29.81 | 42 | 41 | SSE | 2 | 9 | r | 2 | Scilly ... | 29.82 | 53 | 52 | S | 5 | 5 |
| Scarborough ... | 29.89 | 45 | 45 | Z | 0 | 10 | r | 2 | London ... | 29.95 | 50 | 49 | S | 1 | 10 |
| Greencastle ... | 29.75 | 48 | 47 | S | 1 | 4 | c | * | Rochefort ... | 30.02 | 50 | 46 | SE | 5 | 10 |
| Holyhead ... | 29.81 | 49 | 48 | SSW | 3 | 10 | d | 2 | | | | | | | |

Pressure continues to increase at nearly all stations. At Valencia however a fresh fall of the barometer has set in since noon, accompanied by a strong S⁹ wind and rough sea.

Warnings issued to our W. and NW. coasts.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

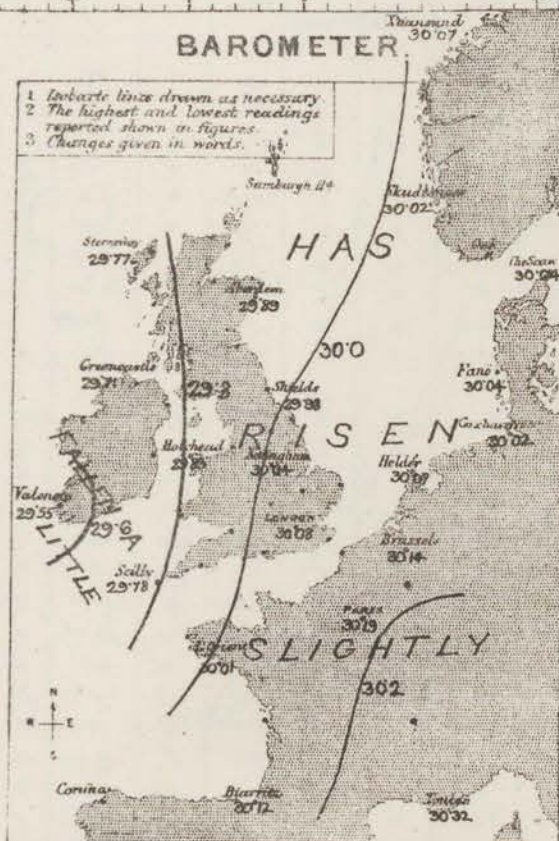
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 13TH JANUARY 1875 AT 8 A.M.

BAROMETER

- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Thurs-day 8 a.m.

WEATHER REPORT.

January 14th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 4. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dirac. |
| Haparanda ... | 29.53 | + .06 | 17 | 17 | +12 | * | * | NNW | 4 | 4 | N | * | e | * | 0 |
| Hernösand ... | 29.80 | + .04 | 27 | 24 | +1 | * | * | NNW | 4 | 0 | Z | * | b | * | 0 |
| Stockholm ... | 29.97 | + .03 | 12 | 12 | -2 | * | * | N | 4 | 2 | NNW | * | b | * | 0 |
| Wabv ... | 29.29 | | 29 | 28 | | * | * | N | 6 | 4 | N | * | c | * | 0 |
| Christiansund... | 30.05 | - .02 | 32 | 31 | 0 | 34 | 32 | Z | 0 | 2 | NNW | * | fo | - | 4 |
| Skudesnaes ... | 30.01 | - .01 | 39 | 38 | +2 | ? | 37 | ESE | 2 | 0 | Z | * | or | - | 3 |
| Oxö (X'tiansand) | 30.12 | + .09 | 25 | 25 | -4 | 30 | 23 | ? E | 4 | 4 | ? | * | bf | - | 2 |
| Skagen (The Skaw) | 30.13 | + .09 | 32 | 31 | 0 | * | * | S | 2 | 1 | N | * | co | - | 0 |
| Fanö ... | 30.15 | + .11 | 35 | 35 | 0 | * | * | SSW | 2 | 0 | Z | * | fo | - | 0 |
| Cuxhaven ... | 30.20 | + .18 | 36 | 35 | -3 | ? | 33 | SSW | 1 | 1 | N | 6 | fo | 0.04 | 0 |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides.) | 29.60 | - .17 | 46 | 45 | +2 | 47 | 38 | SSW | 3 | 3 | SSW | 10 | d | 10.14 | 4 |
| Thurso... | 29.68 | - .18 | 42 | 41 | +7 | 43 | 34 | SSE | 2 | 2 | SSE | 9 | ow | 0.05 | 2 |
| Wick ... | 29.68 | - .19 | 45 | 44 | +4 | 45 | 39 | S | 1 | 2 | S | 10 | o | 0.03 | 1 |
| Nairn ... | 29.68 | - .19 | 44 | 42 | +13 | 47 | 31 | Z | 0 | 1 | SSW | 10 | od | 0.06 | 1 |
| Aberdeen ... | 29.76 | - .13 | 43 | 43 | +3 | 44 | 40 | S | 1 | 1 | S | 10 | om | 0.01 | 1 |
| Leith ... | 29.76 | - .16 | 47 | 47 | +7 | 51 | 40 | SSE | 2 | 2 | S | 10 | or | 0.01 | 0 |
| Shields... | 29.85 | - .13 | 47 | 47 | +7 | 47 | 38 | WSW | 2 | 2 | SSW | 9 | fr | 0.05 | 1 |
| York ... | 29.91 | - .09 | 49 | 49 | +10 | 49 | 39 | SSW | 1 | 1 | S | 10 | dr | 0.10 | 0 |
| Scarborough | 29.90 | - .12 | 48 | 48 | +6 | 48 | 42 | SSW | 4 | 2 | SSW | 10 | or | 0.03 | 3 |
| Nottingham ... | 29.96 | - .08 | 51 | 49 | +4 | 51 | 43 | S | 5 | 5 | S | 10 | ur | 0.04 | 0 |
| Ardrossan ... | 29.91 | - .13 | 48 | 47 | +1 | 50 | 47 | S | 3 | 3 | ESE | 8 | o | 0.23 | 3 |
| Greencastle ... | 29.69 | - .02 | 48 | 47 | 0 | 49 | 46 | WSW | 2 | 7 | SE | 8 | go | 0.08 | 0 |
| Donaghadee ... | 29.72 | - .06 | 47 | 47 | -1 | 49 | 47 | S | 4 | 6 | S | 10 | o | 0.41 | 3 |
| Kingstown ... | 29.77 | .00 | 49 | 47 | 0 | 52 | 48 | SE | 2 | 6 | SSE | 3 | db | 0.28 | 2 |
| Holyhead ... | 29.81 | - .02 | 50 | 49 | +1 | 52 | 47 | SSW | 3 | 6 | S | 10 | df | 0.13 | 2 |
| Liverpool (Bidston Obs.) | 29.85 | - .09 | 50 | 49 | +5 | 50 | 44 | SSE | 3 | 5 | SE | 4 | o | 0.07 | 5 |
| Valencia ... | 29.73 | + .18 | 50 | 48 | 0 | 54 | 48 | SSW | 5 | 7 | SSW | 6 | ra | 0.16 | 5 |
| Roche's Point... | 29.78 | + .15 | 48 | 48 | 0 | 50 | 47 | SW | 5 | 7 | SSE | 10 | o | 0.25 | 5 |
| Pembroke ... | 29.88 | + .06 | 49 | 49 | +1 | 49 | 47 | SSW | 3 | 6 | SSE | 10 | fg | 0.35 | 4 |
| Portishead ... | 29.95 | + .01 | 51 | 50 | +3 | 53 | 43 | ? NNW | 6 | 6 | SW | 8 | og | 0.16 | 3 |
| Scilly ... | 29.93 | + .15 | 51 | 50 | +1 | 53 | 49 | S | 5 | 9 | S | 8 | o | 0.20 | 6 |
| Plymouth ... | 29.98 | + .04 | 51 | 51 | +2 | 52 | 49 | SSW | 4 | 6 | SSW | 10 | dq | 0.34 | 5 |
| Hurst Castle ... | 30.05 | + .01 | 49 | 48 | +2 | 49 | 44 | SW | 6 | 6 | SW | 10 | rd | 0.02 | 2 |
| Dover ... | 30.14 | + .01 | 47 | 46 | +2 | 47 | 44 | SSW | 2 | 2 | SSW | 10 | cr | 0.06 | 0 |
| London ... | 30.06 | - .02 | 49 | 48 | +2 | 51 | 44 | SSW | 2 | 4 | SSW | 10 | obr | 0.04 | 0 |
| Oxford... | 30.00 | - .03 | 49 | 48 | +1 | 50 | 48 | SSW | 3 | 3 | SSW | 10 | mr | 0.11 | 0 |
| Cambridge ... | 30.04 | - .03 | 49 | 48 | +5 | 50 | 43 | S | 1 | 1 | S | 10 | or | 0.01 | 3 |
| Yarmouth ... | 30.07 | - .01 | 46 | 46 | +3 | 46 | 39 | SSW | 3 | 3 | S | 10 | fd | 0.01 | 2 |
| Helder ... | 30.14 | + .07 | 40 | * | -2 | * | * | SSW | 3 | * | * | * | * | * | 2 |
| Cape Gris Nez... | 30.13 | .00 | 48 | 48 | +1 | 50 | 46 | SSW | 4 | 3 | S | 9 | o | - | 2 |
| Brest ... | 30.02 | + .04 | 51 | 51 | +1 | 53 | 48 | SSW | 5 | 7 | 3 | 10 | rf | 0.71 | 6 |
| L'Orient ... | 30.08 | + .07 | 50 | 50 | +6 | ? | ? | SW | 4 | 4 | SSW | 10 | cr | 0.28 | 5 |
| Rochefort ... | 30.16 | + .10 | 47 | 45 | 0 | 54 | 43 | SSE | 5 | 5 | SSE | 5 | c | - | 3 |
| Biarritz ... | 30.19 | + .07 | 55 | 51 | +1 | 58 | 51 | S | 3 | 5 | S | 6 | e | - | 5 |
| Corunna ... | | | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| Brussels ... | 30.20 | + .06 | 47 | * | +1 | * | * | SW | 3 | * | * | * | ef | * | 0 |
| Charleville ... | 30.28 | + .09 | 43 | * | +10 | * | * | SE | 1 | * | * | * | c | * | 0 |
| Paris ... | 30.26 | + .07 | 38 | * | -5 | 51 | 38 | SSE | 4 | 4 | SSE | 6 | e | - | 0 |
| Lyons ... | ? | ? | 43 | * | +1 | * | * | NE | 1 | * | * | * | m | * | 2 |
| Toulon... | 30.38 | + .06 | 46 | 44 | 0 | 53 | 28 | E | 1 | 4 | E | 8 | fo | - | 0 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|----|
| Skudesnaes ... | 30.09 | 37 | 35 | Z | 0 | * | o | 2 | Valencia ... | 29.61 | 52 | 49 | SSW | 4 | 4 |
| Thurso ... | 29.87 | 42 | 41 | S | 1 | 5 | c | 2 | Scilly ... | 29.83 | 53 | 52 | S | 6 | 9 |
| Scarborough... | 30.02 | 46 | 45 | SSW | 1 | 10 | o | 1 | London ... | 30.10 | 50 | 48 | S | 2 | 10 |
| Greencastle ... | 29.71 | 49 | 48 | SE | 5 | 10 | g | * | Rochefort... | 30.09 | 54 | 49 | SSE | 5 | 10 |
| Holyhead ... | 29.83 | 49 | 48 | S | 6 | 10 | dg | 4 | | | | | | | |

The barometer is now rising everywhere. The S. gale has died down at the mouth of the Channel apparently without extending N. and the sea is going down. Signals lowered in the W. this afternoon.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

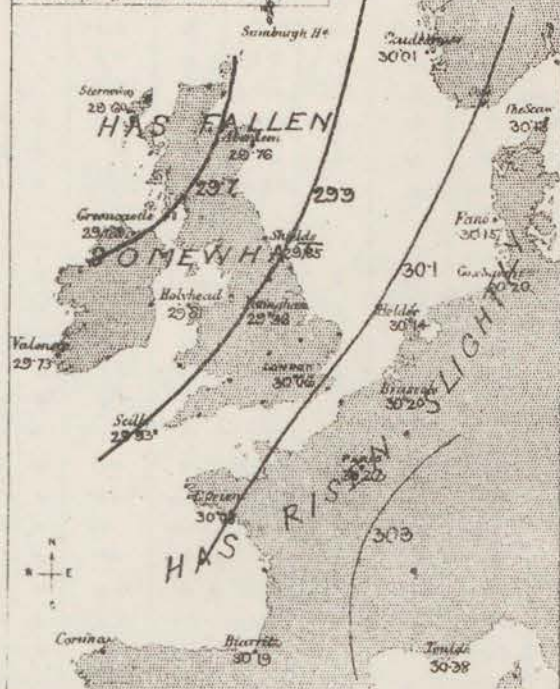
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 14TH JANUARY 1875 AT 8 A.M.

BAROMETER.

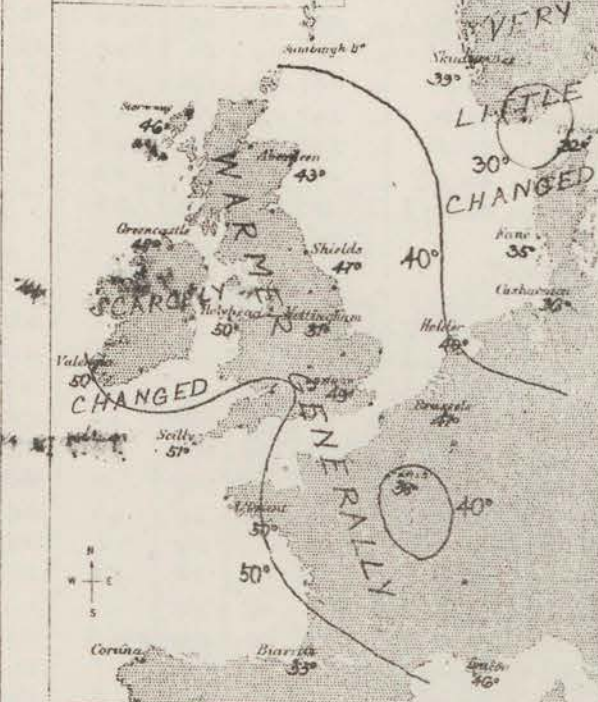
- 1 Isobars drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The fall of the barometer noticed in the west of our Islands yesterday ceased during the morning, but a fresh decrease has set in on our northern coasts since last evening. Readings are now highest over the south coast of France but the gradient from Dover to Stornoway is 0.05 in. per 50 miles.

TEMPERATURE.

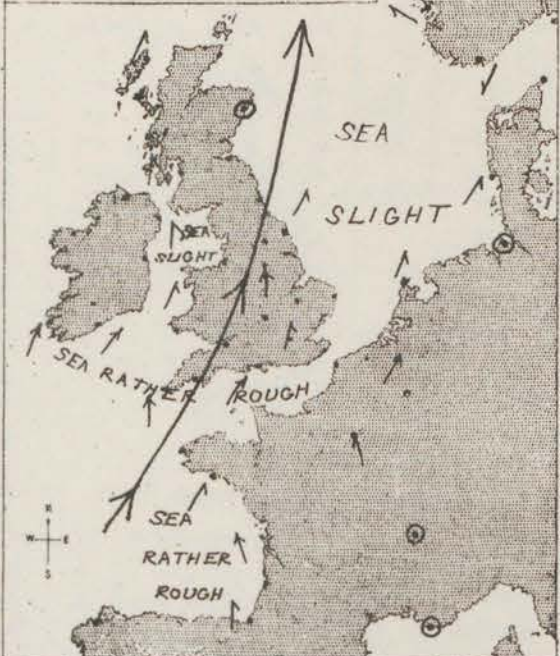
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen in most places rapidly in the north but slightly elsewhere. It is now very high for the time of year.

WIND & SEA.

- 1 Arrows fly with the wind Force 0 to 1 - ○ Force 8 to 10 - → Force 2 to 4 - → Force 6 to 7 - → Force 10 - →
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words

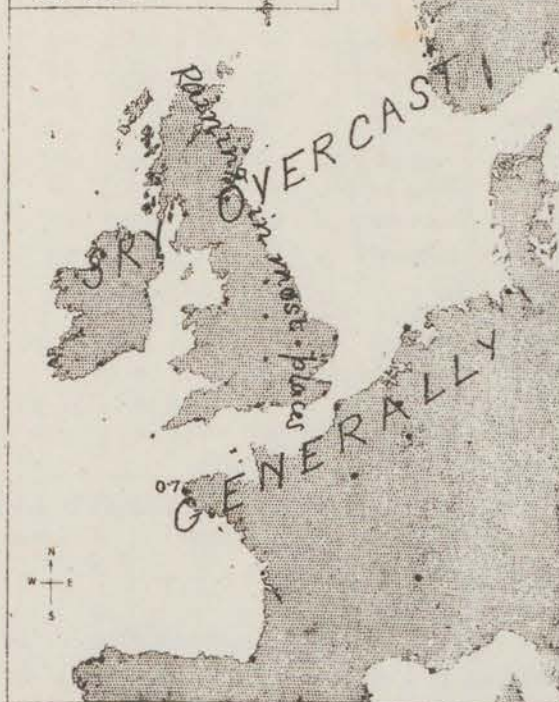


Moderate to fresh S to SW winds now prevail over nearly the whole of Western Europe, but in Scotland the wind is very light.

The sea is rough in the south west, slight or smooth elsewhere.

CLOUD, RAIN &c.

- 1 Prevailance of cloud, fog, rain &c given in words
- 2 Heavy falls of rain given in inches and tenths



Rain has fallen in all parts of our Islands and continues except in the west. The sky is overcast very generally. The weather is not at all settled.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
book post 5/- per quarter.

Meteorological Office
116, Victoria Str. Westminister, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden.

Friday 8 a.m.

WEATHER REPORT.

January 15th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. — By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Distur- ance.— 0 to 9. | |
|--------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|-----------------------|--------------------------------|--|-------------------------------------|-------------------------------------|--------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirce. | Force. (0 to 12.) | Force.— (0 to 12.) | | | | | Dirce. |
| Haparanda ... | 29.61 | + .08 | 16 | 15 | -1 | * | * | W | 2 | 2 | W | * | bo | * | * |
| Hernösand ... | 29.80 | .00 | 7 | 5 | -20 | * | * | W | 2 | 0 | Z | * | b | * | * |
| Stockholm ... | 29.81 | - .16 | 8 | ? | -4 | * | * | W | 1 | 2 | WSW | * | bo | * | * |
| Wisby ... | 29.88 | + .59 | 28 | 28 | -1 | * | * | S | 2 | 2 | W | * | bo | * | * |
| Christiansund ... | 29.78 | - .27 | 33 | 31 | +1 | 34 | 32 | Z | 0 | 4 | ESE | * | co | - | 4 |
| Skudesnaes ... | 29.83 | - .18 | 42 | 42 | +3 | ? | 39 | W | 4 | 6 | SE | * | rf | - | 3 |
| Oxö (X'tiansand) | 29.88 | - .24 | 30 | 30 | +5 | ? | ? | E | 2 | 4 | NNE | * | rf | - | 2 |
| Skagen (The Skaw) | 29.86 | - .27 | 34 | 34 | +2 | * | * | S | 2 | 2 | SSE | * | co | 0.20 | * |
| Fanö ... | 29.98 | - .17 | 37 | 37 | +2 | * | * | SW | 4 | 4 | SW | * | f | 0.24 | * |
| Cuxhaven ... | 30.078 | - .13 | 42 | 42 | +6 | ? | 35 | WSW | 2 | 2 | SSW | 9 | non | 0.14 | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides.) | | | | | | | | | | | | | | | |
| Thurso ... | ? 29.518 | - .17 | 42 | 41 | 0 | 45 | 39 | SE | 2 | 2 | ESE | 9 | cd, | 0.06 | 2 |
| Wick ... | 29.538 | - .15 | 44 | 43 | -1 | 46 | 37 | S | 2 | 2 | S | 10 | bo | 0.02 | 1 |
| Nairn ... | 29.528 | - .16 | 44 | 43 | 0 | 49 | 38 | Z | 0 | 0 | Z | 10 | d | 0.05 | 1 |
| Aberdeen ... | 29.678 | - .09 | 44 | 43 | +1 | 47 | 37 | SSE | 3 | 3 | SSE | 10 | cr | 0.07 | 2 |
| Leith ... | 29.658 | - .11 | 49 | 48 | +2 | 56 | 38 | S | 2 | 5 | W | 8 | bo | 0.02 | * |
| Shields ... | 29.768 | - .09 | 49 | 49 | +2 | 52 | 44 | SW | 3 | 4 | WSW | 9 | cr | 0.04 | 1 |
| York ... | 29.808 | - .11 | 49 | 49 | 0 | 55 | 43 | S | 1 | 2 | WSW | 10 | or | 0.20 | * |
| Scarborough ... | 29.838 | - .07 | 49 | 49 | +1 | 52 | 44 | S | 4 | 3 | SW | 10 | or | 0.11 | 3 |
| Nottingham ... | 29.858 | - .11 | 51 | 49 | 0 | 55 | 45 | S | 4 | 5 | S | 10 | w | 0.04 | * |
| Ardrossan ... | 29.538 | - .18 | 50 | 48 | +2 | 51 | 45 | S | 5 | 5 | S | 9 | or | 0.18 | 5 |
| Greencastle ... | 29.368 | - .33 | 49 | 49 | +1 | 49 | 46 | SSE | 6 | 6 | SSE | 10 | cq | 0.04 | * |
| Donaghadee ... | 29.478 | - .25 | 49 | 49 | +2 | 50 | 45 | SSW | 6 | 6 | SSW | 10 | cr | 0.23 | 4 |
| Kingstown ... | 29.508 | - .27 | 49 | 48 | 0 | 52 | 48 | SSE | 6 | 4 | E | 10 | br | 0.30 | 4 |
| Holyhead ... | 29.588 | - .23 | 50 | 49 | 0 | 52 | 48 | SSW | 7 | 3 | SSW | 10 | r | 0.38 | 5 |
| Liverpool (Bidston Obs.) | 29.688 | - .17 | 50 | 48 | 0 | 55 | 46 | SE | 5 | 5 | SE | 10 | co | 0.11 | 3 |
| Valencia ... | 29.248 | - .49 | 49 | 48 | -1 | 54 | 48 | SSW | 7 | 9 | SSW | 8 | rp | 0.70 | 7 |
| Roche's Point... | 29.368 | - .42 | 49 | 49 | +1 | 50 | 48 | SSW | 9 | 9 | SSW | 10 | ro | 0.72 | 6 |
| Pembroke ... | 29.618 | - .27 | 48 | 47 | -1 | 50 | 47 | SSE | 8 | 8 | SSE | 10 | fr | 0.37 | 5 |
| Portishead ... | 29.788 | - .17 | 50 | 48 | -1 | 55 | 48 | WSW | 6 | 6 | SW | 10 | guy | 0.07 | 3 |
| Scilly ... | 29.638 | - .30 | 53 | 52 | +2 | 54 | 50 | S | 9 | 10 | S | 9 | fo | 0.22 | 7 |
| Plymouth ... | 29.778 | - .21 | 51 | 50 | 0 | 52 | 48 | SSE | 5 | 7 | SSW | 10 | dw | 0.36 | 5 |
| Hurst Castle ... | 29.878 | - .18 | 47 | 46 | -2 | 50 | 44 | SSE | 6 | 6 | SSE | 10 | pw | 0.06 | 3 |
| Dover ... | 30.038 | - .11 | 45 | 44 | -2 | 48 | 43 | SSW | 3 | 3 | SW | 6 | og | 0.03 | * |
| London ... | 29.948 | - .12 | 46 | 45 | -3 | 53 | 46 | SSE | 2 | 4 | SSE | 8 | o | 0.02 | * |
| Oxford ... | 29.878 | - .13 | 47 | 46 | -2 | 53 | 47 | SE | 3 | 4 | SSW | 10 | g | 0.02 | * |
| Cambridge ... | 29.948 | - .10 | 48 | 47 | -1 | 53 | 47 | SSE | 1 | 1 | S | 10 | o | 0.03 | * |
| Yarmouth ... | 29.988 | - .09 | 44 | 44 | -2 | 50 | 40 | S | 3 | 3 | SW | 9 | dm | 0.04 | 3 |
| Helder ... | 30.088 | - .06 | 44 | * | +4 | * | * | SSW | 5 | * | * | * | * | * | 2 |
| Cape Gris Nez... | 30.028 | - .11 | 46 | 44 | -2 | 49 | 43 | S | 4 | 4 | SSW | 9 | o | - | 2 |
| Brest ... | 29.868 | - .16 | 54 | 54 | +3 | ? | 49 | S | 7 | 8 | S | 10 | o | 0.12 | 6 |
| L'Orient ... | ? 29.898 | - .19 | 50 | 48 | 0 | ? | ? | SSW | 4 | 4 | S | 8 | o | 0.04 | 5 |
| Rochefort ... | 30.088 | - .08 | 48 | 44 | +1 | 53 | 46 | SSE | 1 | 5 | SSE | 10 | o | - | 3 |
| Biarritz ... | 30.158 | - .04 | 61 | 54 | +6 | 61 | 53 | S | 5 | 3 | S | 9 | cr | - | 6 |
| Corunna ... | | | * | * | | * | * | | * | * | * | * | * | * | * |
| Brussels ... | 30.12 | - .08 | 46 | * | -1 | * | * | SW | 3 | * | * | * | ? | * | * |
| Charleville ... | ? 30.22 | - .06 | 37 | * | -6 | * | * | SE | 3 | * | * | * | o | * | * |
| Paris ... | 30.168 | - .10 | 37 | * | -1 | 46 | 37 | SE | 4 | 4 | S | 5 | c | - | * |
| Lyons ... | ? | ? | 50 | * | +7 | * | * | W | 3 | * | * | * | b | * | 2 |
| Toulon ... | 30.448 | + .08 | 48 | 46 | +2 | 51 | 45 | E | 1 | 1 | E | 0 | ? | - | |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | C. | Wen. | Sea. | Bar. | Dry. | Wet. | Wind. | C. | Wen. | Sea. |
|-----------------|-------|------|-------|-----|------|------|---------------|-------|------|-------|-----|------|------|
| Skudesnaes ... | 29.86 | 41 | 40 | SE | 4 | * | Valencia ... | 29.77 | 52 | 49 | SSW | 4 | 8 |
| Thurso ... | 29.69 | 44 | 43 | S | 1 | 8 | Scilly ... | 29.97 | 53 | 52 | S | 6 | 7 |
| Scarborough ... | 29.92 | 52 | 51 | WSW | 2 | 8 | London ... | 30.08 | 53 | 52 | SW | 2 | 10 |
| Greencastle ... | 29.81 | 49 | 48 | WSW | 3 | 2 | Rochefort ... | 30.17 | 52 | 48 | SSE | 5 | 10 |
| Holyhead ... | 29.92 | 50 | 49 | SSW | 2 | 10 | | | | | | | |

The barometer has risen everywhere since 8 a.m. but at Valencia it is reported as having begun to fall rapidly since noon, with gloomy weather. Should this be correct it would seem to indicate that very bad weather is approaching our coasts which have been warned accordingly.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

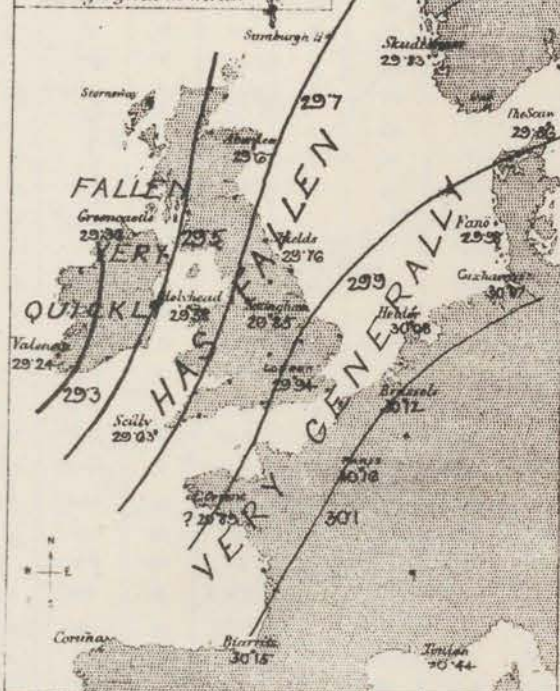
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 15TH JANUARY 1875 AT 8 A.M.

BAROMETER.

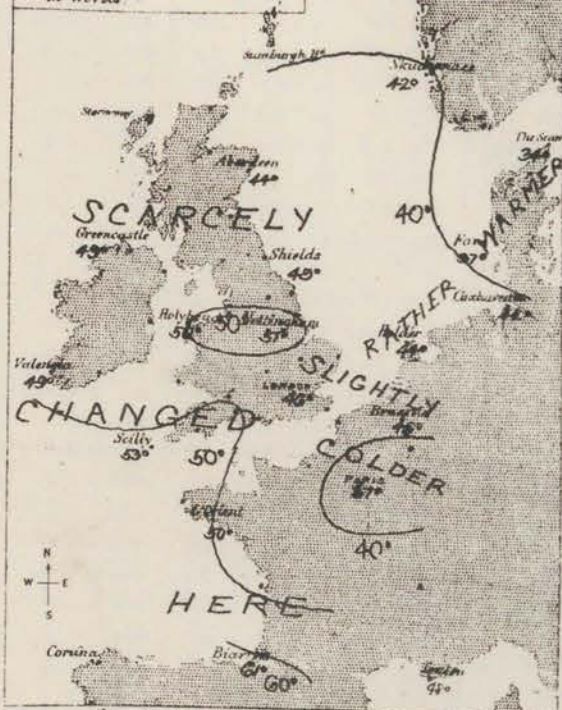
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The fall of the barometer which had commenced at Valencia yesterday afternoon has continued rather rapidly and extended in its degree to all parts of Western Europe. There appears to be a deep depression of our western coasts, while the highest readings lie over France. The gradient from Paris to Plymouth is 0.08 in, while that from Plymouth to Valencia is 0.11 in per 50 miles, for S. winds.

TEMPERATURE.

- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen a few degrees on the eastern shores of the North Sea, and fallen slightly at many of the south-eastern stations. Elsewhere there has been no change, and readings over our Islands and France are consequently still high generally.

WIND & SEA.

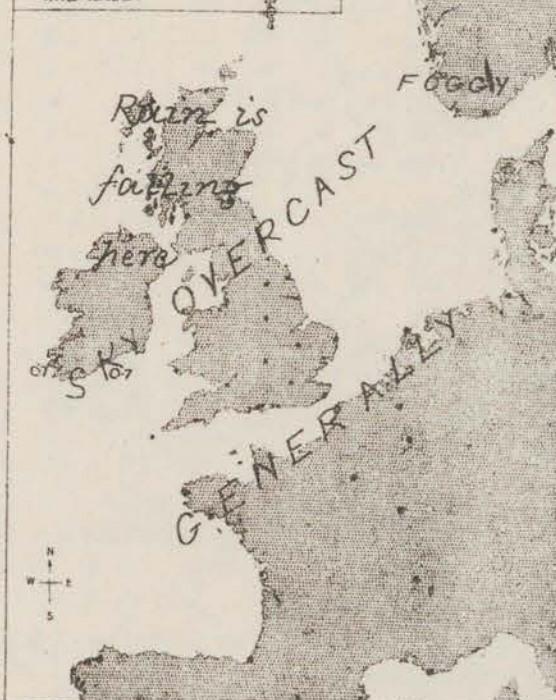
- 1 Arrows fly with the wind
Force 0 to 1 - - - - -
2 - 4 - - - - -
3 - 7 - - - - -
Force 8 to 10 - - - - -
above 10 - - - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



During the night strong S. gales have set in at our south-western stations, and that to strong breezes from the same quarter in the west of France, and on our north-west coasts. In the east of our Islands the wind is still light from the S. The sea is high in the south-west, rather rough in the north-west, and smooth in the east.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



Rain has again fallen over the whole of our Islands as well as in Denmark, and continues on all our north and north-west coasts. The sky is overcast very generally, and fog prevails in the south of Norway. The weather is very unsettled. Our west and south-west coasts were visited yesterday afternoon.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter
book post 5/ per quarter.

Meteorological Office
116, Victoria Str., Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden

Satur-day 8 a.m.

WEATHER REPORT.

January 16th

1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance 0 to 9. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|---------------------------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. — (0 to 12.) | Force. — (0 to 12.) | | | | | Dir. |
| Haparanda ... | 29.83 | + .22 | -13 | -13 | -29 | * | * | N | 2 | 2 | N | * | bc | * | * |
| Hernösand ... | 29.73 | - .07 | 1 | 1 | - 6 | * | * | N | 2 | 0 | Z | * | ro | * | * |
| Stockholm ... | 29.60 | - .21 | 22 | 22 | +14 | * | * | ENE | 4 | 2 | NY | * | o | * | * |
| Wisby ... | 29.58 | - .30 | 30 | 30 | + 2 | * | * | SE | 2 | 2 | NY | * | s | * | * |
| Christiansund ... | 29.28 | - .50 | 34 | 32 | + 1 | 34 | 32 | E | 2 | 1 | ESE | * | o | - | 4 |
| Skudesnaes ... | 29.41 | - .42 | 42 | 42 | 0 | 43 | 41 | SW | 4 | 6 | SSE | * | ro | 0.60 | 4 |
| Oxö (X'tiansand) | 29.48 | - .40 | 28 | 28 | - 2 | ? | ? | ? | 4 | 4 | NE | * | f | - | 2 |
| Skagen (The Skaw) | 29.50 | - .36 | 37 | 37 | +3 | * | * | N | 4 | 2 | NSW | * | f | 0.35 | * |
| Fanö ... | 29.65 | - .33 | 37 | 37 | 0 | * | * | NSW | 4 | 4 | SW | * | ro | 0.24 | * |
| Cuxhaven ... | 29.76 f | - .31 | 42 | 42 | 0 | 46 | ? | NSW | 3 | 2 | SW | 8 | ro | 0.03 | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.18 r | | 46 | 44 | | 48 | 44 | SW | 6 | 9 | SW | 5 | ro | 0.41 | 6 |
| Thurso ... | 29.25 r | - .26 | 41 | 40 | - 1 | 47 | 39 | SSW | 2 | 5 | SE | 6 | ro | 0.07 | 2 |
| Wick ... | 29.28 r | - .25 | 42 | 41 | - 2 | 45 | 41 | SSW | 1 | 2 | SSW | 3 | ob | 0.23 | 1 |
| Nairn ... | 29.28 r | - .24 | 44 | 41 | 0 | 52 | 42 | Z | 0 | 1 | SSW | 5 | oo | - | 1 |
| Aberdeen ... | 29.34 r | - .33 | 43 | 42 | - 1 | 49 | 43 | S | 2 | 6 | S | 3 | rb | 0.22 | 2 |
| Leith ... | 29.41 r | - .24 | 46 | 45 | - 3 | 55 | 45 | SW | 2 | 4 | SW | 8 | ro | 0.05 | * |
| Shields ... | 29.49 f | - .27 | 46 | 45 | - 3 | 50 | 44 | SW | 2 | 6 | SSW | 8 | oo | 0.02 | 3 |
| York ... | 29.54 f | - .26 | 45 | 44 | - 4 | 51 | 42 | S | 1 | 3 | NSW | 10 | ad | 0.07 | * |
| Scarborough ... | 29.54 f | - .29 | 44 | 44 | - 5 | 49 | 43 | SW | 3 | 5 | S | 10 | o | 0.09 | 3 |
| Nottingham ... | 29.60 f | - .25 | 47 | 45 | - 4 | 52 | 45 | SSW | 4 | 6 | S | 10 | ro | - | * |
| Ardrossan ... | 29.39 r | - .14 | 47 | 45 | - 3 | 51 | 47 | SSW | 3 | 6 | SSE | 7 | oo | 0.13 | 3 |
| Greencastle ... | 29.37 r | - .01 | 46 | 45 | - 3 | 51 | 45 | SW | 2 | 6 | ESE | 9 | q | 0.02 | * |
| Donaghadee ... | 29.40 s | - .07 | 45 | 45 | - 4 | 50 | 45 | SE | 3 | 7 | S | 7 | e | 0.17 | 3 |
| Kingstown ... | 29.46 s | - .04 | 48 | 45 | - 1 | 53 | 47 | SW | 3 | 6 | SSE | 7 | e | 0.17 | 2 |
| Holyhead ... | 29.47 f | - .11 | 47 | 46 | - 3 | 52 | 46 | SSW | 2 | 7 | SSW | 7 | ro | 0.13 | 2 |
| Liverpool (Bidston Obs.) | 29.51 f | - .17 | 46 | 44 | - 4 | 54 | 44 | S | 2 | 6 | SE | 10 | or | 0.04 | 2 |
| Valencia ... | 29.49 r | - .25 | 47 | 45 | - 2 | 55 | 46 | N | 3 | 8 | NSW | 6 | tlp | 0.93 | 4 |
| Roche's Point... | 29.49 f | - .13 | 47 | 46 | - 2 | 49 | 45 | NSW | 4 | 9 | SSW | 6 | plc | 0.25 | 5 |
| Pembroke ... | 29.54 f | - .07 | 48 | 47 | 0 | 50 | 46 | NSW | 5 | 7 | S | 4 | ro | 0.25 | 3 |
| Portishead ... | 29.60 f | - .18 | 44 | 44 | - 6 | 56 | 42 | NSW | 5 | 7 | ? | 10 | og | 0.20 | 3 |
| Scilly ... | 29.68 f | - .05 | 50 | 49 | - 3 | 55 | 46 | SW | 6 | 9 | SSW | 6 | ap | 0.16 | 6 |
| Plymouth ... | 29.65 f | - .12 | 48 | 48 | - 3 | 54 | 46 | NSW | 2 | 7 | SW | 10 | o | 0.17 | * |
| Hurst Castle ... | 29.65 f | - .22 | 45 | 44 | - 2 | 57 | 43 | NY | 3 | 7 | SW | 10 | ro | 0.13 | 4 |
| Dover ... | 29.70 f | - .33 | 46 | 46 | + 1 | 48 | 44 | SSW | 4 | 6 | NSW | 7 | ur | 0.05 | 4 |
| London ... | 29.61 f | - .33 | 48 | 47 | + 2 | 52 | 44 | SSW | 3 | 6 | NSW | 10 | rbp | 0.05 | * |
| Oxford... | 29.61 | - .26 | 45 | 44 | - 2 | 52 | 45 | SW | 2 | 6 | SW | 10 | or | 0.21 | * |
| Cambridge ... | 29.64 f | - .30 | 46 | 45 | - 2 | 57 | 43 | S | 1 | 4 | S | 10 | or | 0.02 | * |
| Yarmouth ... | 29.64 f | - .31 | 44 | 44 | 0 | 48 | 40 | SSW | 3 | 4 | SSW | 10 | mg | - | 3 |
| Helder ... | 29.77 | - .31 | 42 | * | - 2 | * | * | SSW | 6 | * | * | * | * | * | 2 |
| Cape Gris Nez... | 29.69 f | - .33 | 46 | 46 | 0 | 53 | 44 | S | 4 | 5 | S | 10 | ro | 0.12 | 3 |
| Brest ... | ? | ? | 50 | 48 | - 4 | 55 | 46 | NSW | 5 | 7 | SSW | 5 | ro | 0.59 | 6 |
| L'Orient ... | 29.83 f | - .06 | 49 | 49 | - 1 | ? | ? | NY | 4 | 7 | SW | 8 | ro | 0.43 | 5 |
| Rocheport ... | 29.97 f | - .11 | 51 | 49 | + 3 | 54 | 46 | NSW | 7 | 7 | SSE | 10 | ar | 0.08 | 3 |
| Biarritz ... | 30.11 f | - .04 | 50 | 48 | - 11 | 61 | 49 | S | 3 | 5 | S | 8 | o | 0.28 | 4 |
| Corunna ... | | | | | | | | | | | | | | | |
| Brussels ... | 29.78 | - .34 | 47 | * | + 1 | * | * | SW | 3 | * | * | * | c | * | * |
| Charleville ... | 29.75 | - .47 | 40 | * | + 3 | * | * | E | 3 | * | * | * | c | * | * |
| Paris ... | 29.85 f | - .31 | 44 | * | + 7 | 50 | 42 | ESE | 1 | 4 | S | 9 | o | - | * |
| Lyons ... | ? | ? | 54 | * | + 4 | * | * | S | 1 | * | * | * | o | * | * |
| Toulon ... | 30.18 f | - .26 | 50 | 50 | + 2 | 53 | 47 | SW | 4 | 1 | SW | 7 | of | - | 4 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

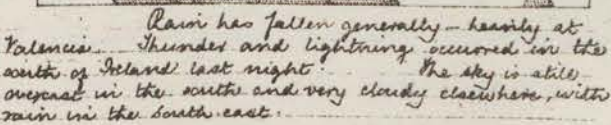
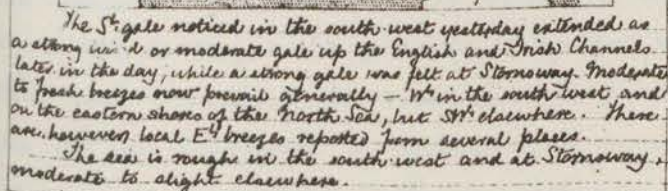
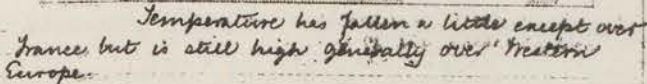
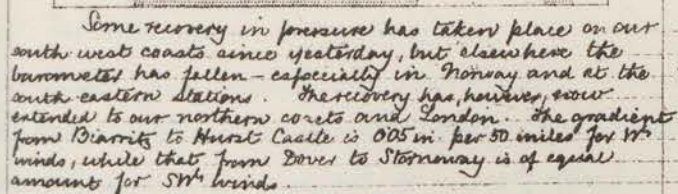
| | Bar. | Dry. | Wet. | Wind. | O. | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | O. | Woa. | Sea. |
|-----------------|-------|------|------|-------|----|------|------|---------------|-------|------|------|-------|----|------|------|
| Skudesnaes ... | | | | | * | | | Valencia ... | 29.41 | 52 | 50 | NSW | 6 | 6 | o |
| Thurso ... | 29.22 | 47 | 46 | SE | 5 | 9 | pg | Scilly ... | 29.72 | 53 | 49 | SSW | 9 | 5 | o |
| Scarborough ... | 29.64 | 48 | 47 | S | 5 | 10 | h | London ... | 29.84 | 51 | 50 | SSW | 3 | 10 | cod |
| Greencastle ... | 29.24 | 49 | 48 | SSW | 6 | 10 | b | Rocheport ... | 30.09 | 54 | 49 | SSE | 7 | 7 | o |
| Holyhead ... | 29.50 | 50 | 49 | SSW | 6 | 4 | c | | | | | | | | |

A recovery of pressure has set in at the SW-stations as the depression noticed this morning is apparently travelling NE. The S.W. wind has increased to a strong breeze in the N. and NW, but at Valencia the wind has veered to NSW and subsided a little. The warmings are left still up on our N. and SW coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.
 * AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

SATURDAY 16TH JANUARY 1875 AT 8 A.M.



Dangerfield, Lrk. 22, Bedford St. Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 10TH to JANUARY 16TH 1875.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The barometer has oscillated considerably, but during the whole period the lowest pressure has been found over our western stations, and the highest over France. S^W winds have consequently prevailed generally, and, though blowing strongly in the south-west on some occasions, have been moderate elsewhere. Temperature has been very steady, and high for the time of year, and the sky very cloudy or overcast, with rain in many places.

JAN. 10TH A slight increase of pressure was reported from Valencia, which had extended during the night over the whole of Ireland and the stations in the west of Scotland. Elsewhere the barometer was falling, and the gradient from Ox^W to Aberdeen was 0.06 in. per 50 miles. The wind was generally SE^W over France and the United Kingdom and, though light generally, blew freshly in the south-west. Over Denmark a S^W current was reported. The changes in temperature were very slight. The sky was cloudy and gloomy at all stations and rain was falling in places.

JAN. 11TH A slight rise of the mercury had occurred over these Islands and France, while the barometer still fell on the eastern shores of the North Sea. In the previous night, however, a fresh fall had set in at Valencia, and the gradient from Paris to that station was 0.05 in. per 50 miles. Moderate S^W winds prevailed on the Continent and at our south-western stations, and very light airs over the remainder of our Islands, while a SW^W gale was blowing at Christiansund. Temperature had risen a little except in the north and west. The sky was clear over France and the north of Scotland, overcast elsewhere, with a great deal of fog in the east of England. During the morning the fall of the barometer spread E^W.

JAN. 12TH The decrease of pressure was apparently passing away to the N^W, and a slight recovery had taken place except in the north-west. Pressure continued lowest in the west but gradients were slight. S^W breezes again prevailed over these Islands and France. In force they were fresh at some of the western stations but very light elsewhere. On the eastern shores of the North Sea the winds were generally NW^W. The changes in temperature were slight but the tendency was to increase except over Norway. The same overcast, gloomy weather prevailed, with rain in some places. The barometer continued to rise during the day.

JAN. 13TH A slight increase of pressure was reported from all but our extreme south-western stations, where a fall had occurred which had extended during the night to all our western coasts. The barometer was lowest in the south of Ireland, and the gradient from L^W Orient to Valencia was 0.07 in. per 50 miles. The wind had backed to south-east in the north but continued S^W elsewhere, blowing lightly in the east but freshly in the west, and reaching the force of a hard gale at Scilly. Temperature had risen somewhat except in the north-east. The sky was overcast or very cloudy. By 2pm the barometer was

rising again at Valencia.

JAN. 14th The barometer had fallen somewhat at all but the southern and south-western stations and over the Continent. The decrease had been greatest over Scotland, and the gradient from Dover to Stornoway was 0.05 in. per 50 miles. Moderate to fresh S⁴ winds prevailed at all stations but in the north they were very light. A general rise of temperature was again reported, amounting to several degrees in the north. Rain was falling at all our stations except in the west and the sky was everywhere overcast. As the day advanced the mercury rose at all stations, but in the afternoon a brisk fall set in at Valencia.

JAN. 15th The fall noticed at Valencia had continued rather rapidly and extended to all stations. A serious depression appeared to be advancing on our western coasts, and the gradient from Plymouth to Valencia was 0.11 in. per 50 miles. S⁴ winds still prevailed generally; they continued light on our east coasts but strong winds were experienced in the west, increasing to a gale at the south-western stations. Temperature had changed very little—over these Islands the greatest change was ^{a fall of} 3° in London. Rain was falling in the north-west and the sky was generally overcast. During the day the depression apparently travelled N.E.^{ward}, and the barometer began to rise again in the southwest.

JAN. 16th The depression noticed on the 15th lay apparently to the N.^{ward} of our Islands and the barometer had risen in the west, though elsewhere the fall continued. Moderate gradients existed over France for W⁴, and over our Islands for S⁴ winds, and moderate to light breezes from those quarters were experienced. Temperature had fallen slightly generally. The sky was overcast over the Continent and the greater part of these Islands but clear in the north of Scotland. Rain was falling in the south-east and fog prevailed in the south of Norway. By 2 p.m. the rise of the barometer had been very much checked at Valencia, but continued cloudy till the evening.

Sunday 8 a.m.

WEATHER REPORT *January 17th* 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Direction & Force. | |
|------------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday. | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Direc. |
| Haparanda ... | 29.83 | .00 | 2 | 2 | +15 | * | * | NE | 2 | 2 | NE | * | 0 | * | |
| Hernösand ... | 29.54 | -.19 | 14 | 14 | +13 | * | * | ENE | 6 | 4 | NE | * | 5 | * | |
| Stockholm ... | 29.24 | -.36 | 27 | 27 | +5 | * | * | W | 2 | 6 | E | * | 50 | * | |
| Wisby ... | 29.32 | +0.04 | 35 | 34 | +1 | * | * | SW | 2 | 2 | SW | * | c | * | |
| Christiansund ... | 29.47 | +16 | 25 | 23 | -9 | 36 | 25 | NE | 6 | 3 | NNE | * | 0 c | - | |
| Skudesnaes ... | 29.34 | -.07 | 39 | 39 | -3 | 43 | ? | Z | 0 | 0 | Z | * | f | - | |
| Oxö (X'tiansand) ... | 29.27 | -.21 | 33 | 32 | +5 | 34 | 32 | SSW | 4 | 2 | WNW | * | f | - | |
| Skagen (The Skaw) ... | 29.31 | -.19 | 36 | 36 | -1 | * | * | W | 2 | 2 | W | * | f | 0.55 | |
| Fanö ... | 29.34 | -.31 | 38 | 38 | +1 | * | * | WSW | 4 | 2 | WSW | * | f | 0.24 | |
| Cuxhaven ... | 29.418 | -.35 | 41 | 41 | -1 | 44 | ? | W | 5 | 1 | SSW | 8 | 20 | 0.08 | |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) ... | 29.412 | +23 | 39 | 37 | -7 | 46 | 36 | SW | 4 | 6 | N | 5 | pc | 0.23 | |
| Thurso ... | 29.412 | +16 | 40 | 39 | -1 | 44 | 35 | WSW | 2 | 2 | SSW | 5 | 0 c | 0.01 | |
| Wick ... | 29.392 | +11 | 44 | 43 | +2 | 46 | 37 | SW | 2 | 2 | SW | 6 | c | - | |
| Nairn ... | 29.452 | +17 | 40 | 38 | -4 | 48 | 37 | Z | 0 | 0 | Z | 5 | c | 0.03 | |
| Aberdeen ... | | | | | | | | | | | | | | | |
| Leith ... | 29.572 | +16 | 40 | 39 | -6 | 51 | 38 | WSW | 2 | 3 | WSW | 3 | pc | 0.02 | |
| Shields ... | 29.532 | +0.04 | 42 | 40 | -4 | 47 | 39 | W | 2 | 5 | W | 4 | pc | 0.03 | |
| York ... | 29.562 | +0.02 | 40 | 39 | -5 | 48 | 38 | W | 2 | 3 | W | 3 | pc | 0.17 | |
| Scarborough ... | 29.592 | +0.05 | 42 | 41 | -2 | 46 | 39 | W | 2 | 3 | SW | 5 | 0 c | 0.10 | |
| Nottingham ... | ? | ? | 43 | 41 | -4 | 48 | 39 | N | 2 | 6 | SW | 4 | rtm | 0.41 | |
| Ardrossan ... | 29.542 | +15 | 42 | 41 | -5 | 48 | 42 | W | 2 | 3 | SSW | 4 | c | 0.06 | |
| Greencastle ... | 29.552 | +18 | 41 | 40 | -5 | 47 | 40 | SW | 3 | 6 | W | 10 | g | 0.12 | |
| Donaghadee ... | 29.572 | +17 | 38 | 36 | -7 | 47 | 38 | SW | 3 | 5 | W | 4 | c | 0.04 | |
| Kingstown ... | 29.662 | +20 | 49 | 47 | +1 | 52 | 46 | S | 1 | 6 | W | 10 | cw | - | |
| Holyhead ... | 29.662 | +19 | 47 | 46 | 0 | 50 | 44 | WSW | 2 | 10 | WSW | 10 | rtm | 0.12 | |
| Liverpool (Bidston Obs.) ... | 29.642 | +13 | 44 | 42 | -2 | 51 | 41 | W | 3 | 7 | WNW | 7 | 0 c | 0.25 | |
| Valencia ... | 29.652 | +16 | 50 | 50 | +3 | 54 | 46 | W | 3 | 16 | W | 9 | pc | 0.41 | |
| Roche's Point ... | 29.652 | +16 | 48 | 48 | +1 | 50 | 46 | WSW | 5 | 5 | W | 10 | efw | 0.28 | |
| Pembroke ... | 29.722 | +18 | 48 | 48 | 0 | 50 | 46 | Z | 0 | 6 | W | 10 | gd | 0.08 | |
| Portishead ... | 29.732 | +13 | 48 | 47 | +4 | 54 | 42 | W | 5 | 6 | WSW | 10 | c g | 0.02 | |
| Scilly ... | 29.822 | +14 | 52 | 52 | +2 | 53 | 47 | WSW | 6 | 7 | W | 10 | g p | 0.37 | |
| Plymouth ... | 29.792 | +14 | 51 | 51 | +3 | 52 | 48 | SW | 3 | 15 | WSW | 10 | g p | 0.11 | |
| Hurst Castle ... | 29.792 | +14 | 46 | 45 | +1 | 48 | 44 | W | 2 | 6 | WSW | 10 | cw | 0.01 | |
| Dover ... | 29.722 | +0.02 | 48 | 45 | +2 | 49 | 43 | WNW | 5 | 4 | SW | 6 | bc | 0.01 | |
| London ... | 29.722 | +11 | 47 | 45 | -1 | 53 | 43 | W | 2 | 4 | WSW | 10 | pc | 0.03 | |
| Oxford ... | 29.72 | +11 | 46 | 45 | +1 | 51 | 45 | WSW | 1 | 4 | W | 10 | 0 | 0.06 | |
| Cambridge ... | 29.692 | +0.05 | 43 | 42 | -3 | 52 | 39 | NW | 1 | 3 | WSW | 7 | rtc | 0.50 | |
| Yarmouth ... | 29.622 | -.05 | 41 | 41 | -3 | 46 | 40 | WNW | 4 | 5 | W | 4 | rtm | 0.09 | |
| Helder ... | | | | | | | | | | | | | | | |
| Cape Gris Nez ... | 29.712 | +0.02 | 46 | 42 | 0 | 48 | 43 | WSW | 5 | 3 | SW | 10 | 20 | 0.12 | |
| Brest ... | 29.992 | ? | 52 | 50 | +2 | 54 | 48 | WSW | 7 | 8 | SW | 10 | 2 | 0.57 | |
| L'Orient ... | 30.002 | +17 | 50 | 50 | +1 | ? | ? | W | 4 | 5 | WNW | 10 | 0 c | 0.24 | |
| Rochefort ... | 30.132 | +16 | 52 | 50 | +1 | 54 | 48 | W | 9 | 8 | W | 10 | 0 c | 0.20 | |
| Biarritz ... | 30.385 | +27 | 55 | 51 | +5 | 55 | 48 | W | 5 | 7 | W | 9 | 20 | 0.08 | |
| Corunna ... | | | | | | | | | | | | | | | |
| Brussels ... | 29.74 | -.04 | 43 | * | -4 | * | * | W | 6 | * | * | * | t | * | |
| Charleville ... | ? 29.82 | +0.07 | 46 | * | +6 | * | * | W | 6 | * | * | * | 0 | * | |
| Paris ... | ? 30.162 | +31 | 49 | * | +5 | 52 | 48 | ? SE | 4 | 5 | W | 10 | 0 | 0.16 | |
| Lyons ... | ? | ? | 48 | * | -6 | * | * | SW | 3 | * | * | * | 0 | * | |
| Toulon ... | 30.192 | +0.01 | 48 | 43 | -2 | 52 | 45 | NW | 4 | 5 | NW | 4 | 0 f | - | |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | O. | Wes. | Sea. | Bar. | Dry. | Wet. | Wind. | O. | Wes. |
|-----------------|-------|------|-------|-----|------|------|---------------|-------|------|-------|-----|------|
| Skudesnaes ... | 29.35 | 41 | 40 | SSW | 1 | * | Valencia ... | 29.63 | 50 | 47 | W | 4 |
| Thurso ... | 29.26 | 43 | 42 | S | 1 | 0 | Scilly ... | ? | 52 | 50 | W | 6 |
| Scarborough ... | 29.47 | 46 | 45 | SW | 2 | 9 | London ... | 29.64 | 52 | 49 | WSW | 3 |
| Greencastle ... | 29.41 | 48 | 46 | WSW | 2 | 10 | Rochefort ... | 30.05 | 54 | 49 | W | 8 |
| Holyhead ... | 29.49 | 48 | 47 | WSW | 3 | 6 | | | | | | |

Since 8 a.m. the barometer has risen at all stations, except Scarborough, is now generally W^h, and blows a gale at Rochefort.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.
 * AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

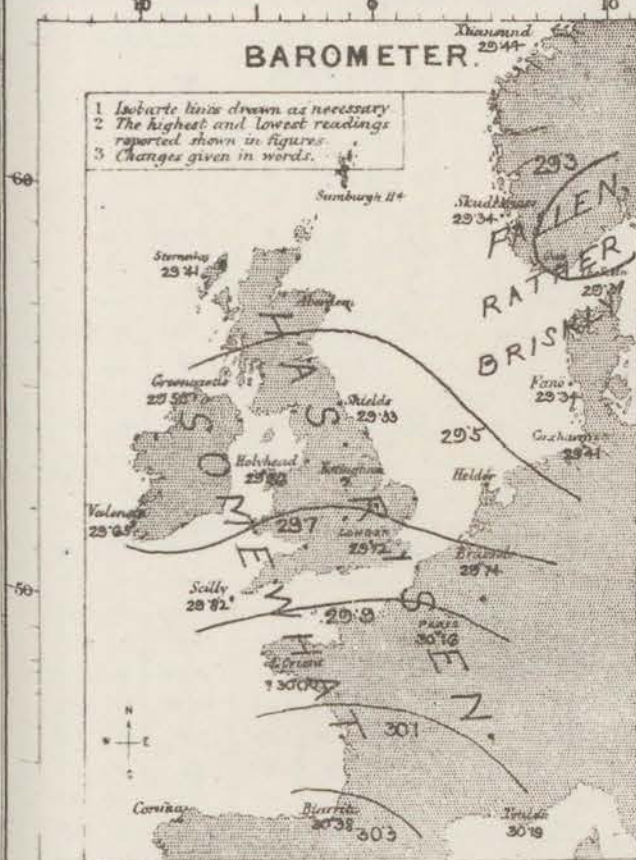
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 17TH JANUARY 1875 AT 8 A.M.

BAROMETER.

- 1 Isotherms shown by fine lines
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



Since yesterday morning pressure has increased at all our own and the French stations but continued to decrease on the eastern shores of the North Sea. During the night, however, a fresh decrease has set in on the south-western coasts. The highest pressures lie apparently over Spain; and the gradient from Biarritz to Hurst Castle is 0.07 in per 50 miles, but readings are more uniform in the north.

TEMPERATURE

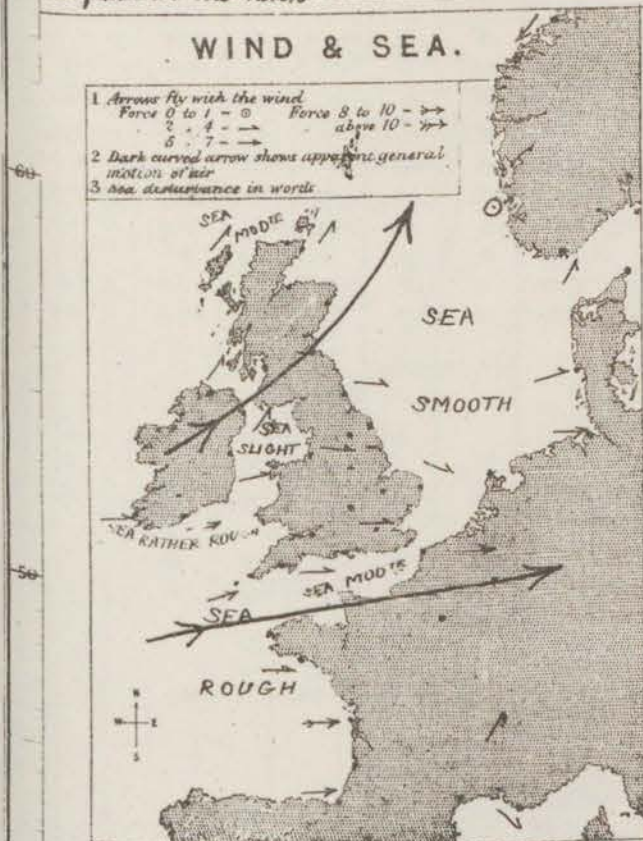
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperatures has fallen several degrees in the north and east of our Islands as well as in the west of Norway, but a slight rise has occurred in most other parts.

WIND & SEA.

- 1 Arrows fly with the wind
Force 0 to 1 - 0
Force 2 to 4 - 1
Force 5 to 7 - 2
Force 8 to 10 - 3
Force above 10 - 4
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



W. winds are now general over the north-west of Europe; they are fresh to strong in France (blowing a hard gale at Rochefort) but are light or moderate in most parts of our Islands. The sea is rough off the west coast of France and our south-west coasts, moderate or smooth elsewhere.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain, &c. given in words
- 2 Heavy falls of rain given in inches and tenths



A severe thunderstorm travelled across Central England from the W. early this morning. Rain has again fallen generally. The sky is much clearer at our northern and north-eastern stations but continues overcast in the south, and rain is falling in the south-western districts.

Dangerfield Lith. 22, Bedford St. Covent Garden

Meteorological Office
116, Victoria St. Westminster S.W.
ROBERT H. SCOTT, Director.

Subscription for these Charts payable in advance to cover delivery
Delivery by hand 10/ per quarter
Post 5/ per quarter

Mon-day 8 a.m.

WEATHER REPORT.

January 18th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance 0 to 3. |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. (0 to 12.) | Force. (0 to 12.) | Direc. | | | | |
| Haparanda | 29.91 | + .08 | -8 | -8 | -10 | * | * | N | 2 | 2 | N | * | 6 | * | * |
| Hernösand | 29.87 | + .33 | 1 | 1 | -13 | * | * | N | 2 | 4 | NE | * | 5 | * | * |
| Stockholm | 29.72 | + .48 | 9 | 8 | -18 | * | * | N | 6 | 6 | NNE | * | 5 | * | * |
| Wisby | 29.74 | + .42 | 21 | 21 | -14 | * | * | N | 2 | 2 | N | * | 5 | * | * |
| Christiansund | 29.61 | + .17 | 16 | 15 | -9 | 25 | ? | ESE | 3 | 2 | NE | * | 6 | - | 3 |
| Skudesnaes | 29.51 | + .17 | 34 | 33 | -5 | 39 | ? | S | 8 | 0 | — | * | fog | — | 4 |
| Oxö (Christiansand) | 29.65 | + .38 | 26 | 25 | -7 | 33 | ? | NNE | 6 | 4 | NNE | * | ots | — | 3 |
| Skagen (The Skaw) | 29.69 | + .38 | 26 | 24 | -10 | * | * | ENE | 2 | 2 | NE | * | 5 | — | * |
| Fanö | 29.67 | + .33 | 36 | 36 | -2 | * | * | SN | 2 | 4 | NNN | * | 5 | 0.04 | * |
| Cuxhaven | 29.75 | + .34 | 39 | 39 | -2 | ? | 37 | SN | 0 | 4 | NNN | 9 | mg | — | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.16 | - .25 | 47 | 47 | +8 | 47 | 39 | S | 5 | 5 | S | 10 | m | 0.19 | 5 |
| Thurso | 29.23 | - .18 | 47 | 46 | +7 | 48 | 35 | Z | 0 | 2 | SN | 10 | od | 0.04 | 1 |
| Wick | 29.15 | - .24 | 43 | 43 | -1 | 46 | 38 | S | 2 | 2 | SN | 10 | cr | 0.15 | 2 |
| Nairn | 29.24 | - .21 | 45 | 44 | +5 | 45 | 36 | Z | 0 | 0 | Z | 10 | cd | 0.06 | 0 |
| Aberdeen | 29.36 | - .43 | 43 | 42 | | 45 | 37 | S | 2 | 2 | S | 10 | br | 0.04 | 1 |
| Leith | 29.38 | - .19 | 51 | 50 | +11 | 53 | 38 | SSN | 1 | 3 | SN | 10 | ao | 0.06 | * |
| Shields | 29.49 | - .04 | 48 | 48 | +6 | 48 | 30 | SSN | 3 | 3 | NNN | 9 | mg | 0.04 | 2 |
| York | 29.60 | + .04 | 48 | 47 | +8 | 51 | 40 | SSN | 1 | 1 | SN | 10 | br | 0.06 | * |
| Scarborough | 29.54 | - .05 | 47 | 47 | +5 | 47 | 40 | SN | 2 | 1 | NN | 10 | cr | 0.05 | 2 |
| Nottingham | 29.67 | ? | 50 | 49 | +7 | 50 | 42 | SSN | 4 | 5 | SSN | 10 | mr | 0.09 | * |
| Ardrossan | 29.35 | - .19 | 49 | 48 | +7 | 51 | 42 | SSN | 4 | 4 | SSN | 10 | cr | 0.09 | 3 |
| Greencastle | 29.36 | - .19 | 50 | 49 | +9 | 50 | 41 | NSN | 2 | 4 | SN | 10 | g | 0.11 | * |
| Donaghadee | 29.38 | - .19 | 50 | 49 | +12 | 51 | 38 | SN | 5 | 5 | SN | 10 | co | 0.06 | 3 |
| Kingstown | 29.53 | - .13 | 55 | 52 | +6 | 56 | 47 | N | 4 | 6 | N | 9 | do | 0.30 | 3 |
| Holyhead | 29.51 | - .15 | 51 | 50 | +4 | 52 | 45 | SSN | 4 | 2 | SN | 10 | r | 0.29 | 3 |
| Liverpool (Bidston Obs.) | 29.57 | - .07 | 52 | 50 | +8 | 52 | 44 | SSN | 4 | 6 | NSN | 10 | o | 0.05 | 3 |
| Valencia | 29.63 | - .02 | 52 | 52 | +2 | 54 | 46 | N | 3 | 7 | N | 9 | rfo | 0.76 | 6 |
| Roche's Point | 29.60 | - .05 | 50 | 50 | +2 | 54 | 48 | NSN | 5 | 6 | SN | 10 | mr | 0.30 | 5 |
| Pembroke | 29.69 | - .03 | 50 | 50 | +2 | 51 | 45 | NSN | 7 | 7 | N | 10 | og | 0.63 | 5 |
| Portishead | 29.76 | + .03 | 52 | 51 | +4 | 53 | 42 | NSN | 6 | 7 | NSN | 10 | rg | 0.33 | 4 |
| Scilly | 29.85 | + .03 | 52 | 52 | 0 | 53 | 51 | SSN | 6 | 7 | N | 9 | om | 0.18 | 6 |
| Plymouth | 29.86 | + .07 | 52 | 52 | +1 | 54 | 50 | SN | 5 | 6 | NSN | 10 | ow | 0.44 | 4 |
| Hurst Castle | 29.85 | + .06 | 48 | 48 | +2 | 50 | 44 | N | 4 | 4 | N | 10 | dm | 0.27 | 3 |
| Dover | 29.84 | + .12 | 48 | 47 | 0 | 49 | 44 | SN | 0 | 3 | N | 10 | cr | 0.06 | * |
| London | 29.80 | + .08 | 51 | 50 | +4 | 53 | 44 | SN | 2 | 2 | N | 10 | or | 0.24 | * |
| Oxford | 29.75 | + .03 | 53 | 52 | +7 | 53 | 46 | SN | 3 | 4 | SN | 10 | g | 0.23 | * |
| Cambridge | 29.75 | + .06 | 44 | 44 | +1 | 50 | 41 | SN | 1 | 1 | SN | 10 | or | 0.13 | * |
| Yarmouth | 29.72 | + .10 | 46 | 46 | +5 | 47 | 40 | SN | 2 | 3 | NNN | 10 | mg | 0.01 | 2 |
| Helder | 29.73 | | 42 | * | | * | * | SN | 6 | * | * | * | * | * | 2 |
| Cape Gris Nez | 29.83 | + .12 | 47 | 47 | +1 | 49 | 43 | SSN | 4 | 5 | NSN | 10 | or | 0.08 | 3 |
| Brest | 30.07 | + .08 | 52 | 52 | 0 | 53 | 50 | NSN | 5 | 7 | N | 10 | mo | 0.08 | 6 |
| L'Orient | | | | | | | | | | | | | | | |
| Rochefort | | | | | | | | | | | | | | | |
| Biarritz | | | | | | | | | | | | | | | |
| Corunna | | | | * | | * | * | | | * | * | * | * | * | * |
| Brussels | | | | * | | * | * | | | * | * | * | * | * | * |
| Charleville | 29.95 | + .13 | 45 | * | -1 | * | * | S | 3 | * | * | * | 5 | * | * |
| Paris | | | | * | | * | * | | | * | * | * | * | * | * |
| Lyons | ? | ? | 55 | * | +7 | * | * | NE | 3 | * | * | * | 5 | * | * |
| Toulon | 30.00 | - .19 | 54 | 49 | +6 | 55 | 45 | NN | 5 | 8 | NN | 4 | 5 | — | 6 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | C. | Wca. | Sea. | Bar. | Dry. | Wet. | Wind. | C. | Wca. |
|-----------------|-------|------|-------|----|------|------|---------------|-------|------|-------|----|------|
| Skudesnaes ... | 29.40 | 39 | 39 | 2 | 0 | * | Valencia ... | | | | | |
| Thurso ... | | | | | | f | Scilly ... | | | | | |
| Scarborough ... | | | | | | 2 | London ... | | | | | |
| Greencastle ... | | | | | | * | Rochefort ... | 30.10 | 54 | 50 | N | 11 |
| Holyhead ... | | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

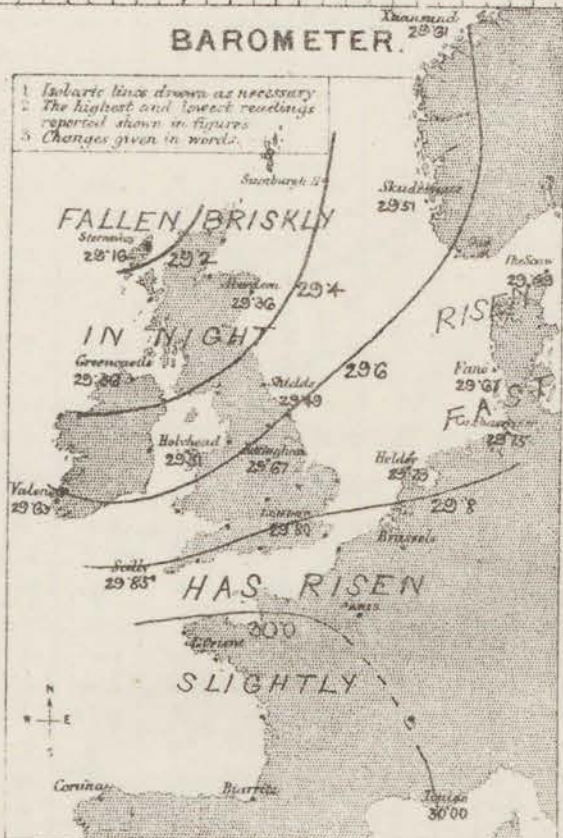
WEATHER CHARTS

AND REMARKS FOR

MONDAY 18TH JANUARY 1875 AT 8 A.M.

BAROMETER.

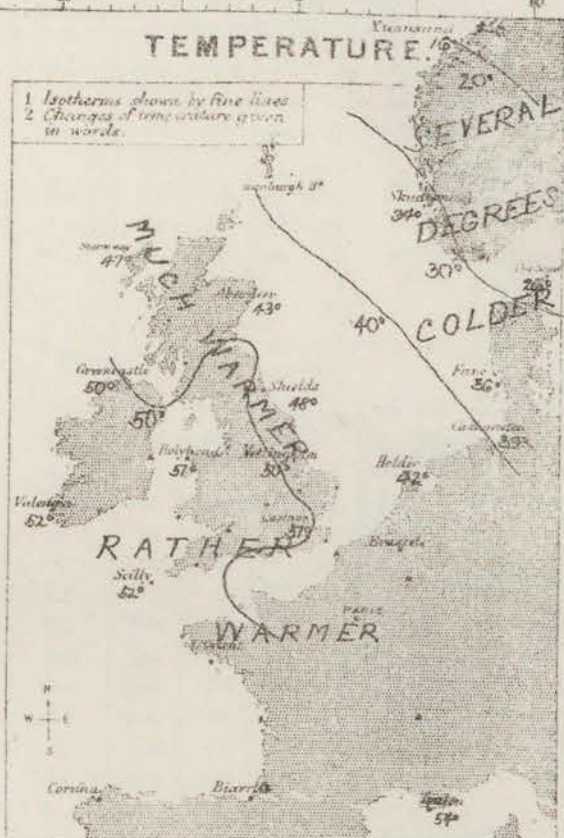
1. Isobars line drawn as necessary
2. The highest and lowest readings reported shown in figures
3. Changes given in words.



During the past night a brisk fall of the barometer has set in on our northern coasts, and has already begun to affect our southern stations also. On the eastern shores of the North Sea, however, pressure has recovered briskly since yesterday. The highest readings lie over France, and the gradient from Hurd's Castle to Stornoway is 0.07 in. per 50 miles.

TEMPERATURE.

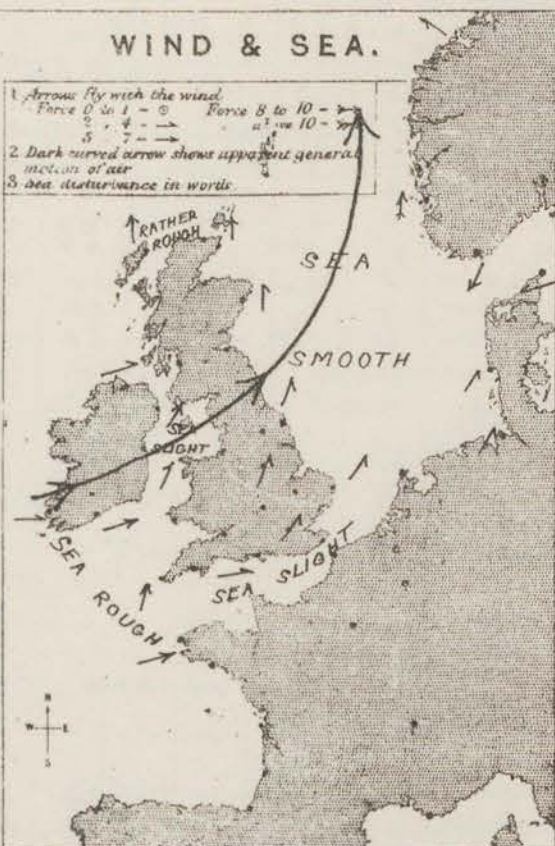
1. Isotherms shown by fine lines
2. Changes of temperature given in words.



Temperature has risen again quickly in the north of St. Britain and is high over the whole of our Islands. In Norway and Denmark, however, it has fallen, and is low.

WIND & SEA.

1. Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 10 to 12 - 10.
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance in words.



Fresh to strong WSW breezes now prevail at the south-western stations, drawing into SW in the east and to south in the north - where, too, the wind is less strong. The sea is rough in the south-west, slight in the north-west and south-east, smooth off our east coast.

CLOUD, RAIN & C.

1. Prevalence of cloud, fog, rain &c. given in words.
2. Heavy falls of rain given in inches and tenths.



The weather is generally overcast, wet, and very unsettled.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter.
Post 5/ per quarter.

Meteorological Office
116, Victoria Str^{et}, Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lath. 22 Bedford St. Covent Garden

Tues-day 8 a.m.

WEATHER REPORT.

January 10th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Dis- tance. 0 to 8. | |
|------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|----------------------------------|------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dir. |
| Haparanda ... | 29.65 | - .26 | -12 | -12 | -4 | * | * | N | 4 | 4 | N | * | bo | * | * |
| Hernösand ... | 29.60 | - .27 | -2 | -2 | -3 | * | * | NNE | 2 | 0 | Z | * | co | * | * |
| Stockholm ... | 29.32 | - .40 | 13 | 13 | +4 | * | * | ENE | 6 | 2 | NE | * | os | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | 29.12 | - .49 | 21 | 19 | +5 | ? | 16 | ESE | 2 | 4 | ESE | * | bc | - | 3 |
| Skudesnaes ... | 29.15 | - .36 | 33 | 33 | -1 | ? | 32 | S | 8 | 7 | SSE | * | so | - | 4 |
| Oxö (X'tiansand) ... | 29.31 | - .34 | 16 | 15 | -10 | 23 | 16 | NNE | 4 | 8 | NNE | * | s | - | 3 |
| Skagen (The Skaw) ... | | | | | | * | * | | | | | * | | * | * |
| Fanö ... | | | | | | * | * | | | | | * | | * | * |
| Cuxhaven ... | 29.57r | - .18 | 44 | 44 | +5 | ? | 37 | WSW | 6 | 8 | SW | 9 | cr | 0.30 | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) ... | 29.00f | - .16 | 46 | 45 | -1 | 48 | 43 | SW | 3 | 5 | WSW | 10 | wo | 0.15 | 5 |
| Thurso ... | 29.07f | - .16 | 42 | 41 | -5 | 49 | 39 | SW | 2 | 5 | WSW | 4 | bo | 0.26 | 2 |
| Wick ... | 29.05f | - .10 | 41 | 40 | -2 | 43 | 39 | SSW | 1 | 2 | S | 9 | co | 0.10 | 1 |
| Nairn ... | 29.13f | - .11 | 46 | 45 | +1 | 50 | 42 | W | 1 | 1 | W | 10 | clr | 0.20 | 1 |
| Aberdeen ... | 29.17f | - .19 | 43 | 41 | 0 | 52 | 41 | SW | 1 | 3 | W | 8 | so | 0.10 | 1 |
| Leith ... | 29.28f | - .10 | 51 | 51 | 0 | 54 | 44 | WSW | 8 | 7 | W | 10 | cr | 0.45 | * |
| Shields ... | 29.39f | - .10 | 51 | 48 | +3 | 52 | 45 | SW | 7 | 8 | W | 8 | cg | 0.24 | 3 |
| York ... | 29.57r | - .03 | 51 | 48 | +3 | 54 | 46 | WSW | 6 | 6 | WSW | 3 | ob | 0.13 | * |
| Scarborough ... | 29.50e | - .04 | 50 | 49 | +3 | 51 | 45 | WSW | 6 | 5 | WSW | 9 | ro | 0.20 | 5 |
| Nottingham ... | 29.70r | + .03 | 53 | 49 | +3 | 54 | 44 | SW | 7 | 9 | SW | 10 | rw | 0.12 | * |
| Ardrossan ... | 29.30f | - .05 | 51 | 49 | +2 | 53 | 46 | SW | 5 | 7 | W | 8 | glr | 0.87 | 5 |
| Greencastle ... | 29.33f | - .03 | 50 | 50 | 0 | 50 | 46 | SW | 7 | 7 | SW | 10 | rg | 0.63 | * |
| Donaghadee ... | 29.40f | + .02 | 52 | 52 | +2 | 52 | 47 | SW | 7 | 8 | SW | 8 | c | 0.14 | 6 |
| Kingstown ... | 29.61f | + .08 | 52 | 49 | -3 | 56 | 50 | WSW | 6 | 6 | W | 8 | o | 0.03 | 3 |
| Holyhead ... | 29.66f | + .15 | 50 | 49 | -1 | 53 | 47 | SW | 5 | 4 | WSW | 10 | rm | 0.10 | 4 |
| Liverpool (Bidston Obs.) ... | 29.62f | + .05 | 50 | 47 | -2 | 52 | 46 | WSW | 7 | 7 | WSW | 7 | so | 0.14 | 4 |
| Valencia ... | 29.68f | + .05 | 53 | 51 | +1 | 54 | 50 | WSW | 7 | 6 | W | 9 | cm | 0.01 | 6 |
| Roche's Point ... | 29.72f | + .12 | 51 | 51 | +1 | 52 | 50 | WSW | 6 | 6 | WSW | 10 | cfm | 0.18 | 5 |
| Pembroke ... | 29.81r | + .12 | 50 | 48 | 0 | 50 | 48 | WSW | 7 | 9 | WSW | 10 | gm | 0.10 | 6 |
| Portishead ... | 29.91r | + .15 | 49 | 47 | -3 | 54 | 45 | W | 6 | 7 | WSW | 10 | gg | 0.13 | 5 |
| Scilly ... | | | | | | | | | | | | | | | |
| Plymouth ... | 30.02r | + .16 | 50 | 49 | -2 | 53 | 48 | WSW | 5 | 7 | W | 10 | gm | 0.07 | * |
| Hurst Castle ... | 30.00r | + .15 | 48 | 47 | 0 | 50 | 45 | W | 5 | 6 | W | 10 | m | 0.05 | 5 |
| Dover ... | 29.96r | + .12 | 48 | 47 | 0 | 50 | 45 | WSW | 5 | 6 | SW | 6 | bdo | 0.63 | * |
| London ... | 29.90r | + .10 | 49 | 46 | -2 | 54 | 47 | WSW | 5 | 7 | WSW | 6 | obc | 0.06 | * |
| Oxford ... | 29.85 | + .10 | 51 | 47 | -2 | 55 | 46 | WSW | 6 | 7 | SW | 10 | ow | 0.02 | * |
| Cambridge ... | 29.81r | + .06 | 49 | 46 | +5 | 55 | 44 | SW | 4 | 4 | SW | 10 | ro | 0.06 | * |
| Yarmouth ... | 29.75r | + .03 | 48 | 46 | +2 | 52 | 45 | WSW | 6 | 6 | WSW | 9 | rgq | 0.25 | 3 |
| Helder ... | 29.69 | - .04 | 46 | * | +4 | * | * | SW | 7 | * | * | * | * | * | 5 |
| Cape Gris Nez ... | 29.96r | + .12 | 47 | 45 | 0 | 49 | 40 | WSW | 8 | 8 | SW | 8 | ro | 0.20 | 6 |
| Brest ... | 30.20r | + .13 | 51 | 51 | -1 | 53 | 49 | WSW | 7 | 8 | SW | 2 | fb | - | 5 |
| L'Orient ... | 30.26r | + .16 | 58 | 48 | -2 | ? | ? | WSW | 4 | 5 | W | 1 | hb | 0.08 | 5 |
| Rochefort ... | 30.43r | + .20 | 51 | 49 | -1 | 55 | 45 | WSW | 7 | 9 | W | 10 | o | 0.12 | 5 |
| Biarritz ... | 30.51r | + .13 | 52 | 50 | -2 | 59 | 48 | S | 3 | 3 | S | 2 | cf | - | 5 |
| Corunna ... | | | | | | * | * | | | | * | * | * | * | * |
| Brussels ... | 30.03 | + .12 | 50 | * | +2 | * | * | NNW | 9 | * | * | * | o | * | * |
| Charleville ... | ? 30.11 | + .16 | 46 | * | +1 | * | * | W | 3 | * | * | * | c | * | * |
| Paris ... | 30.26r | + .19 | 45 | * | -7 | 54 | 45 | SW | 4 | 7 | SW | 0 | ob | - | * |
| Lyons ... | ? | ? | 54 | * | -1 | * | * | NN | 3 | * | * | * | b | - | * |
| Toulon ... | 30.22r | + .22 | 49 | 44 | -5 | 59 | 48 | NN | 5 | 7 | W | 2 | b | - | 6 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-----------------|-------|------|------|-------|----|------|------|---|---------------|-------|------|-------|-----|------|------|
| Skudesnaes ... | 29.31 | 32 | 32 | ESE | 7 | * | S | 4 | Valencia ... | 29.73 | 52 | 49 | W | 4 | 4 |
| Thurso ... | 29.10 | 48 | 47 | SW | 3 | 9 | g | 2 | Scilly ... | | | | | | |
| Scarborough ... | 29.42 | 51 | 51 | WSW | 2 | 10 | d | 2 | London ... | 29.69 | 54 | 52 | WSW | 5 | 10 |
| Greencastle ... | 29.44 | 49 | 47 | W | 3 | 4 | c | * | Rochefort ... | 30.22 | 54 | 50 | W | 8 | 10 |
| Holyhead ... | 29.54 | 50 | 49 | WSW | 4 | 7 | m | 3 | | | | | | | |

Pressure has increased somewhat at the W. stations but decreased briskly in the E and NE. Moderate to fresh W winds are general, and the sky has become rather clearer in the W. and NW. The sea is still rough at Valencia.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

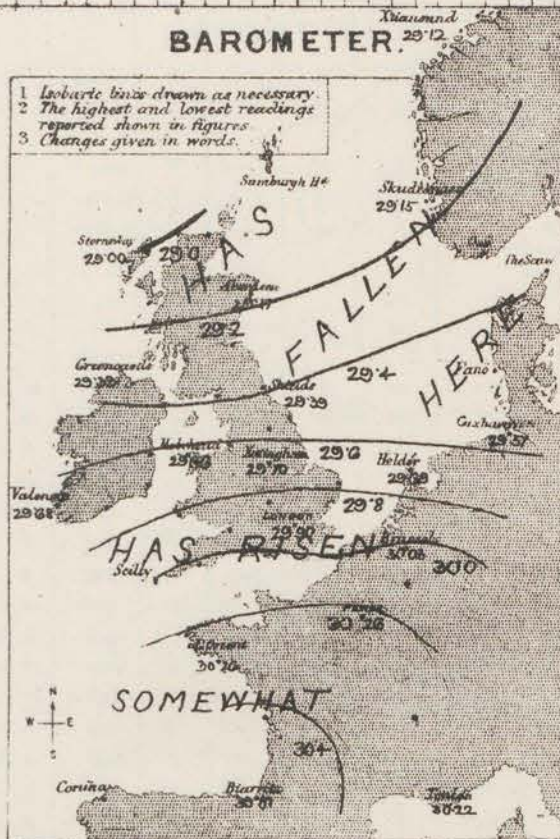
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 19TH JANUARY 1875 AT 8 A.M.

BAROMETER.

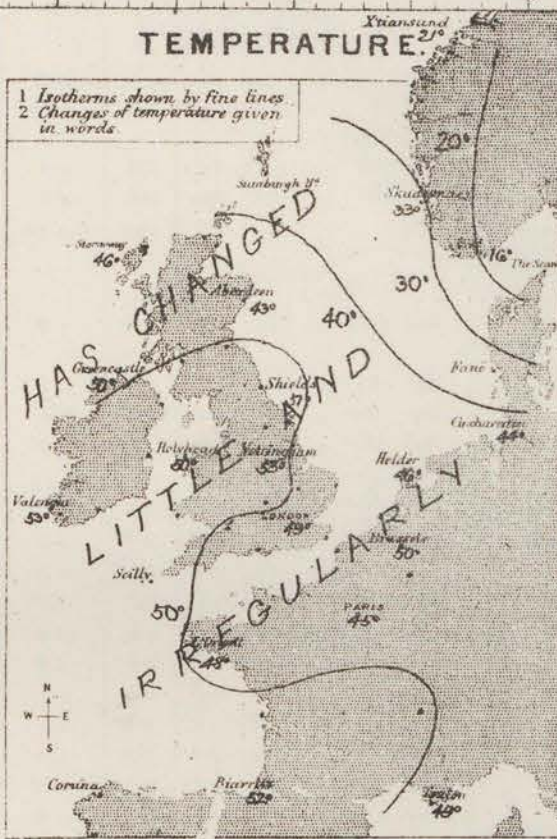
- 1 Isohyets lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past night a further but slight fall of the barometer has taken place on our northern and western coasts, while in the south the mercury has risen and is still rising. Gradients have thus become steep for W. winds especially over England; that from Rochefort to Plymouth being 0.07 in., from Plymouth to Donaghadee 0.12 in. and from Donaghadee to Stornoway 0.10 in. per 50 miles.

TEMPERATURE.

- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has changed little and irregularly.

WIND & SEA.

- 1 Arrows fly w. h. the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 12 to 14 - 12, Force 16 to 18 - 16, Force 20 to 22 - 20, Force 24 to 26 - 24, Force 28 to 30 - 28, Force 32 to 34 - 32, Force 36 to 38 - 36, Force 40 to 42 - 40, Force 44 to 46 - 44, Force 48 to 50 - 48, Force 52 to 54 - 52, Force 56 to 58 - 56, Force 60 to 62 - 60, Force 64 to 66 - 64, Force 68 to 70 - 68, Force 72 to 74 - 72, Force 76 to 78 - 76, Force 80 to 82 - 80, Force 84 to 86 - 84, Force 88 to 90 - 88, Force 92 to 94 - 92, Force 96 to 98 - 96, Force 100 to 102 - 100, Force 104 to 106 - 104, Force 108 to 110 - 108, Force 112 to 114 - 112, Force 116 to 118 - 116, Force 120 to 122 - 120, Force 124 to 126 - 124, Force 128 to 130 - 128, Force 132 to 134 - 132, Force 136 to 138 - 136, Force 140 to 142 - 140, Force 144 to 146 - 144, Force 148 to 150 - 148, Force 152 to 154 - 152, Force 156 to 158 - 156, Force 160 to 162 - 160, Force 164 to 166 - 164, Force 168 to 170 - 168, Force 172 to 174 - 172, Force 176 to 178 - 176, Force 180 to 182 - 180, Force 184 to 186 - 184, Force 188 to 190 - 188, Force 192 to 194 - 192, Force 196 to 198 - 196, Force 200 to 202 - 200, Force 204 to 206 - 204, Force 208 to 210 - 208, Force 212 to 214 - 212, Force 216 to 218 - 216, Force 220 to 222 - 220, Force 224 to 226 - 224, Force 228 to 230 - 228, Force 232 to 234 - 232, Force 236 to 238 - 236, Force 240 to 242 - 240, Force 244 to 246 - 244, Force 248 to 250 - 248, Force 252 to 254 - 252, Force 256 to 258 - 256, Force 260 to 262 - 260, Force 264 to 266 - 264, Force 268 to 270 - 268, Force 272 to 274 - 272, Force 276 to 278 - 276, Force 280 to 282 - 280, Force 284 to 286 - 284, Force 288 to 290 - 288, Force 292 to 294 - 292, Force 296 to 298 - 296, Force 300 to 302 - 300, Force 304 to 306 - 304, Force 308 to 310 - 308, Force 312 to 314 - 312, Force 316 to 318 - 316, Force 320 to 322 - 320, Force 324 to 326 - 324, Force 328 to 330 - 328, Force 332 to 334 - 332, Force 336 to 338 - 336, Force 340 to 342 - 340, Force 344 to 346 - 344, Force 348 to 350 - 348, Force 352 to 354 - 352, Force 356 to 358 - 356, Force 360 to 362 - 360, Force 364 to 366 - 364, Force 368 to 370 - 368, Force 372 to 374 - 372, Force 376 to 378 - 376, Force 380 to 382 - 380, Force 384 to 386 - 384, Force 388 to 390 - 388, Force 392 to 394 - 392, Force 396 to 398 - 396, Force 400 to 402 - 400, Force 404 to 406 - 404, Force 408 to 410 - 408, Force 412 to 414 - 412, Force 416 to 418 - 416, Force 420 to 422 - 420, Force 424 to 426 - 424, Force 428 to 430 - 428, Force 432 to 434 - 432, Force 436 to 438 - 436, Force 440 to 442 - 440, Force 444 to 446 - 444, Force 448 to 450 - 448, Force 452 to 454 - 452, Force 456 to 458 - 456, Force 460 to 462 - 460, Force 464 to 466 - 464, Force 468 to 470 - 468, Force 472 to 474 - 472, Force 476 to 478 - 476, Force 480 to 482 - 480, Force 484 to 486 - 484, Force 488 to 490 - 488, Force 492 to 494 - 492, Force 496 to 498 - 496, Force 500 to 502 - 500, Force 504 to 506 - 504, Force 508 to 510 - 508, Force 512 to 514 - 512, Force 516 to 518 - 516, Force 520 to 522 - 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688, Force 692 to 694 - 692, Force 696 to 698 - 696, Force 700 to 702 - 700, Force 704 to 706 - 704, Force 708 to 710 - 708, Force 712 to 714 - 712, Force 716 to 718 - 716, Force 720 to 722 - 720, Force 724 to 726 - 724, Force 728 to 730 - 728, Force 732 to 734 - 732, Force 736 to 738 - 736, Force 740 to 742 - 740, Force 744 to 746 - 744, Force 748 to 750 - 748, Force 752 to 754 - 752, Force 756 to 758 - 756, Force 760 to 762 - 760, Force 764 to 766 - 764, Force 768 to 770 - 768, Force 772 to 774 - 772, Force 776 to 778 - 776, Force 780 to 782 - 780, Force 784 to 786 - 784, Force 788 to 790 - 788, Force 792 to 794 - 792, Force 796 to 798 - 796, Force 800 to 802 - 800, Force 804 to 806 - 804, Force 808 to 810 - 808, Force 812 to 814 - 812, Force 816 to 818 - 816, Force 820 to 822 - 820, Force 824 to 826 - 824, Force 828 to 830 - 828, Force 832 to 834 - 832, Force 836 to 838 - 836, Force 840 to 842 - 840, Force 844 to 846 - 844, Force 848 to 850 - 848, Force 852 to 854 - 852, Force 856 to 858 - 856, Force 860 to 862 - 860, Force 864 to 866 - 864, Force 868 to 870 - 868, Force 872 to 874 - 872, Force 876 to 878 - 876, Force 880 to 882 - 880, Force 884 to 886 - 884, Force 888 to 890 - 888, Force 892 to 894 - 892, Force 896 to 898 - 896, Force 900 to 902 - 900, Force 904 to 906 - 904, Force 908 to 910 - 908, Force 912 to 914 - 912, Force 916 to 918 - 916, Force 920 to 922 - 920, Force 924 to 926 - 924, Force 928 to 930 - 928, Force 932 to 934 - 932, Force 936 to 938 - 936, Force 940 to 942 - 940, Force 944 to 946 - 944, Force 948 to 950 - 948, Force 952 to 954 - 952, Force 956 to 958 - 956, Force 960 to 962 - 960, Force 964 to 966 - 964, Force 968 to 970 - 968, Force 972 to 974 - 972, Force 976 to 978 - 976, Force 980 to 982 - 980, Force 984 to 986 - 984, Force 988 to 990 - 988, Force 992 to 994 - 992, Force 996 to 998 - 996, Force 1000 to 1002 - 1000, Force 1004 to 1006 - 1004, Force 1008 to 1010 - 1008, Force 1012 to 1014 - 1012, Force 1016 to 1018 - 1016, Force 1020 to 1022 - 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1172, Force 1176 to 1178 - 1176, Force 1180 to 1182 - 1180, Force 1184 to 1186 - 1184, Force 1188 to 1190 - 1188, Force 1192 to 1194 - 1192, Force 1196 to 1198 - 1196, Force 1200 to 1202 - 1200, Force 1204 to 1206 - 1204, Force 1208 to 1210 - 1208, Force 1212 to 1214 - 1212, Force 1216 to 1218 - 1216, Force 1220 to 1222 - 1220, Force 1224 to 1226 - 1224, Force 1228 to 1230 - 1228, Force 1232 to 1234 - 1232, Force 1236 to 1238 - 1236, Force 1240 to 1242 - 1240, Force 1244 to 1246 - 1244, Force 1248 to 1250 - 1248, Force 1252 to 1254 - 1252, Force 1256 to 1258 - 1256, Force 1260 to 1262 - 1260, Force 1264 to 1266 - 1264, Force 1268 to 1270 - 1268, Force 1272 to 1274 - 1272, Force 1276 to 1278 - 1276, Force 1280 to 1282 - 1280, Force 1284 to 1286 - 1284, Force 1288 to 1290 - 1288, Force 1292 to 1294 - 1292, Force 1296 to 1298 - 1296, Force 1300 to 1302 - 1300, Force 1304 to 1306 - 1304, Force 1308 to 1310 - 1308, Force 1312 to 1314 - 1312, Force 1316 to 1318 - 1316, Force 1320 to 1322 - 1320, Force 1324 to 1326 - 1324, Force 1328 to 1330 - 1328, Force 1332 to 1334 - 1332, Force 1336 to 1338 - 1336, Force 1340 to 1342 - 1340, Force 1344 to 1346 - 1344, Force 1348 to 1350 - 1348, Force 1352 to 1354 - 1352, Force 1356 to 1358 - 1356, Force 1360 to 1362 - 1360, Force 1364 to 1366 - 1364, Force 1368 to 1370 - 1368, Force 1372 to 1374 - 1372, Force 1376 to 1378 - 1376, Force 1380 to 1382 - 1380, Force 1384 to 1386 - 1384, Force 1388 to 1390 - 1388, Force 1392 to 1394 - 1392, Force 1396 to 1398 - 1396, Force 1400 to 1402 - 1400, Force 1404 to 1406 - 1404, Force 1408 to 1410 - 1408, Force 1412 to 1414 - 1412, Force 1416 to 1418 - 1416, Force 1420 to 1422 - 1420, Force 1424 to 1426 - 1424, Force 1428 to 1430 - 1428, Force 1432 to 1434 - 1432, Force 1436 to 1438 - 1436, Force 1440 to 1442 - 1440, Force 1444 to 1446 - 1444, Force 1448 to 1450 - 1448, Force 1452 to 1454 - 1452, Force 1456 to 1458 - 1456, Force 1460 to 1462 - 1460, Force 1464 to 1466 - 1464, Force 1468 to 1470 - 1468, Force 1472 to 1474 - 1472, Force 1476 to 1478 - 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1628, Force 1632 to 1634 - 1632, Force 1636 to 1638 - 1636, Force 1640 to 1642 - 1640, Force 1644 to 1646 - 1644, Force 1648 to 1650 - 1648, Force 1652 to 1654 - 1652, Force 1656 to 1658 - 1656, Force 1660 to 1662 - 1660, Force 1664 to 1666 - 1664, Force 1668 to 1670 - 1668, Force 1672 to 1674 - 1672, Force 1676 to 1678 - 1676, Force 1680 to 1682 - 1680, Force 1684 to 1686 - 1684, Force 1688 to 1690 - 1688, Force 1692 to 1694 - 1692, Force 1696 to 1698 - 1696, Force 1700 to 1702 - 1700, Force 1704 to 1706 - 1704, Force 1708 to 1710 - 1708, Force 1712 to 1714 - 1712, Force 1716 to 1718 - 1716, Force 1720 to 1722 - 1720, Force 1724 to 1726 - 1724, Force 1728 to 1730 - 1728, Force 1732 to 1734 - 1732, Force 1736 to 1738 - 1736, Force 1740 to 1742 - 1740, Force 1744 to 1746 - 1744, Force 1748 to 1750 - 1748, Force 1752 to 1754 - 1752, Force 1756 to 1758 - 1756, Force 1760 to 1762 - 1760, Force 1764 to 1766 - 1764, Force 1768 to 1770 - 1768, Force 1772 to 1774 - 1772, Force 1776 to 1778 - 1776, Force 1780 to 1782 - 1780, Force 1784 to 1786 - 1784, Force 1788 to 1790 - 1788, Force 1792 to 1794 - 1792, Force 1796 to 1798 - 1796, Force 1800 to 1802 - 1800, Force 1804 to 1806 - 1804, Force 1808 to 1810 - 1808, Force 1812 to 1814 - 1812, Force 1816 to 1818 - 1816, Force 1820 to 1822 - 1820, Force 1824 to 1826 - 1824, Force 1828 to 1830 - 1828, Force 1832 to 1834 - 1832, Force 1836 to 1838 - 1836, Force 1840 to 1842 - 1840, Force 1844 to 1846 - 1844, Force 1848 to 1850 - 1848, Force 1852 to 1854 - 1852, Force 1856 to 1858 - 1856, Force 1860 to 1862 - 1860, Force 1864 to 1866 - 1864, Force 1868 to 1870 - 1868, Force 1872 to 1874 - 1872, Force 1876 to 1878 - 1876, Force 1880 to 1882 - 1880, Force 1884 to 1886 - 1884, Force 1888 to 1890 - 1888, Force 1892 to 1894 - 1892, Force 1896 to 1898 - 1896, Force 1900 to 1902 - 1900, Force 1904 to 1906 - 1904, Force 1908 to 1910 - 1908, Force 1912 to 1914 - 1912, Force 1916 to 1918 - 1916, Force 1920 to 1922 - 1920, Force 1924 to 1926 - 1924, Force 1928 to 1930 - 1928, Force 1932 to 1934 - 1932, Force 1936 to 1938 - 1936, Force 1940 to 1942 - 1940, Force 1944 to 1946 - 1944, Force 1948 to 1950 - 1948, Force 1952 to 1954 - 1952, Force 1956 to 1958 - 1956, Force 1960 to 1962 - 1960, Force 1964 to 1966 - 1964, Force 1968 to 1970 - 1968, Force 1972 to 1974 - 1972, Force 1976 to 1978 - 1976, Force 1980 to 1982 - 1980, Force 1984 to 1986 - 1984, Force 1988 to 1990 - 1988, Force 1992 to 1994 - 1992, Force 1996 to 1998 - 1996, Force 2000 to 2002 - 2000, Force 2004 to 2006 - 2004, Force 2008 to 2010 - 2008, Force 2012 to 2014 - 2012, Force 2016 to 2018 - 2016, Force 2020 to 2022 - 2020, Force 2024 to 2026 - 2024, Force 2028 to 2030 - 2028, Force 2032 to 2034 - 2032, Force 2036 to 2038 - 2036, Force 2040 to 2042 - 2040, Force 2044 to 2046 - 2044, Force 2048 to 2050 - 2048, Force 2052 to 2054 - 2052, Force 2056 to 2058 - 2056, Force 2060 to 2062 - 2060, Force 2064 to 2066 - 2064, Force 2068 to 2070 - 2068, Force 2072 to 2074 - 2072, Force 2076 to 2078 - 2076, Force 2080 to 2082 - 2080, Force 2084 to 2086 - 2084, Force 2088 to 2090 - 2088, Force 2092 to 2094 - 2092, Force 2096 to 2098 - 2096, Force 2100 to 2102 - 2100, Force 2104 to 2106 - 2104, Force 2108 to 2110 - 2108, Force 2112 to 2114 - 2112, Force 2116 to 2118 - 2116, Force 2120 to 2122 - 2120, Force 2124 to 2126 - 2124, Force 2128 to 2130 - 2128, Force 2132 to 2134 - 2132, Force 2136 to 2138 - 2136, Force 2140 to 2142 - 2140, Force 2144 to 2146 - 2144, Force 2148 to 2150 - 2148, Force 2152 to 2154 - 2152, Force 2156 to 2158 - 2156, Force 2160 to 2162 - 2160, Force 2164 to 2166 - 2164, Force 2168 to 2170 - 2168, Force 2172 to 2174 - 2172, Force 2176 to 2178 - 2176, Force 2180 to 2182 - 2180, Force 2184 to 2186 - 2184, Force 2188 to 2190 - 2188, Force 2192 to 2194 - 2192, Force 2196 to 2198 - 2196, Force 2200 to 2202 - 2200, Force 2204 to 2206 - 2204, Force 2208 to 2210 - 2208, Force 2212 to 2214 - 2212, Force 2216 to 2218 - 2216, Force 2220 to 2222 - 2220, Force 2224 to 2226 - 2224, Force 2228 to 2230 - 2228, Force 2232 to 2234 - 2232, Force 2236 to 2238 - 2236, Force 2240 to 2242 - 2240, Force 2244 to 2246 - 2244, Force 2248 to 2250 - 2248, Force 2252 to 2254 - 2252, Force 2256 to 2258 - 2256, Force 2260 to 2262 - 2260, Force 2264 to 2266 - 2264, Force 2268 to 2270 - 2268, Force 2272 to 2274 - 2272, Force 2276 to 2278 - 2276, Force 2280 to 2282 - 2280, Force 2284 to 2286 - 2284, Force 2288 to 2290 - 2288, Force 2292 to 2294 - 2292, Force 2296 to 2298 - 2296, Force 2300 to 2302 - 2300, Force 2304 to 2306 - 2304, Force 2308 to 2310 - 2308, Force 2312 to 2314 - 2312, Force 2316 to 2318 - 2316, Force 2320 to 2322 - 2320, Force 2324 to 2326 - 2324, Force 2328 to 2330 - 2328, Force 2332 to 2334 - 2332, Force 2336 to 2338 - 2336, Force 2340 to 2342 - 2340, Force 2344 to 2346 - 2344, Force 2348 to 2350 - 2348, Force 2352 to 2354 - 2352, Force 2356 to 2358 - 2356, Force 2360 to 2362 - 2360, Force 2364 to 2366 - 2364, Force 2368 to 2370 - 2368, Force 2372 to 2374 - 2372, Force 2376 to 2378 - 2376, Force 2380 to 2382 - 2380, Force 2384 to 2386 - 2384, Force 2388 to 2390 - 2388, Force 2392 to 2394 - 2392, Force 2396 to 2398 - 2396, Force 2400 to 2402 - 2400, Force 2404 to 2406 - 2404, Force 2408 to 2410 - 2408, Force 2412 to 2414 - 2412, Force 2416 to 2418 - 2416, Force 2420 to 2422 - 2420, Force 2424 to 2426 - 2424, Force 2428 to 2430 - 2428, Force 2432 to 2434 - 2432, Force 2436 to 2438 - 2436, Force 2440 to 2442 - 2440, Force 2444 to 2446 - 2444, Force 2448 to 2450 - 2448, Force 2452 to 2454 - 2452, Force 2456 to 2458 - 2456, Force 2460 to 2462 - 2460, Force 2464 to 2466 - 2464, Force 2468 to 2470 - 2468, Force 2472 to 2474 - 2472, Force 2476 to 2478 - 2476, Force 2480 to 2482 - 2480, Force 2484 to 2486 - 2484, Force 2488 to 2490 - 2488, Force 2492 to 2494 - 2492, Force 2496 to 2498 - 2496, Force 2500 to 2502 - 2500, Force 2504 to 2506 - 2504, Force 2508 to 2510 - 2508, Force 2512 to 2514 - 2512, Force 2516 to 2518 - 2516, Force 2520 to 2522 - 2520, Force 2524 to 2526 - 2524, Force 2528 to 2530 - 2528, Force 2532 to 2534 - 2532, Force 2536 to 2538 - 2536, Force 2540 to 2542 - 2540, Force 2544 to 2546 - 2544, Force 2548 to 2550 - 2548, Force 2552 to 2554 - 2552, Force 2556 to 2558 - 2556, Force 2560 to 2562 - 2560, Force 2564 to 2566 - 2564, Force 2568 to 2570 - 2568, Force 2572 to 2574 - 2572, Force 2576 to 2578 - 2576, Force 2580 to 2582 - 2580, Force 2584 to 2586 - 2584, Force 2588 to 2590 - 2588, Force 2592 to 2594 - 2592, Force 2596 to 2598 - 2596, Force 2600 to 2602 - 2600, Force

Wednesday 8 a.m.

WEATHER REPORT.

January 20th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Disturb- ance. — 0 to 8. | |
|---------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|---------------------------|--------------------------------|--------------------------------------|--|--|--------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. — (0 to 12.) | Force. — (0 to 12.) | | | | | Direc. |
| Haparanda ... | | | | | | * | * | | | | | * | | * | * |
| Hernösand ... | 29.26 | -34 | 1 | ? | +3 | * | * | ? | 6 | 2 | N | os | * | * | * |
| Stockholm ... | 28.85 | -47 | 29 | 29 | +16 | * | * | E | 2 | 6 | E | s | * | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | 28.95 | -17 | 20 | 19 | -1 | ? | ? | N | 2 | 3 | ENE | rs | — | — | 2 |
| Skudesnaes ... | 28.80 | -35 | 34 | 32 | +1 | 41 | 34 | ? | 6 | 7 | SW | ro | — | — | 6 |
| Oxö (Christiansund) | ? | ? | 36 | 35 | +20 | 36 | 18 | ? | 6 | 3 | NNE | br | — | — | 4 |
| Skagen (The Skaw) | | | | | | * | * | | | | | * | | * | * |
| Fanö ... | | | | | | * | * | | | | | * | | * | * |
| Cuxhaven ... | 29.35f | -22 | 49 | 49 | +5 | ? | 42 | WSW | 7 | 9 | WSW | ro | 0.12 | — | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hobrids) | 29.08r | +08 | 38 | 37 | -8 | 48 | 27 | ENE | 4 | 7 | N | tr | 0.30 | — | 2 |
| Thurso ... | 29.13r | +06 | 36 | 33 | -6 | 47 | 35 | NE | 4 | 5 | N | ro | 0.49 | — | 3 |
| Wick ... | 29.18r | +13 | 38 | 37 | -3 | 46 | 38 | NNE | 2 | 5 | N | ro | 0.25 | — | 1 |
| Nairn ... | 29.15r | +02 | 34 | 33 | -12 | 50 | 34 | Z | 0 | 5 | WSW | tls | 0.56 | — | 2 |
| Aberdeen ... | 29.09r | -08 | 41 | 40 | -2 | 53 | 41 | NNE | 2 | 7 | SW | qr | 0.03 | — | 2 |
| Leith ... | 29.20f | -08 | 44 | 43 | -7 | 55 | 40 | N | 7 | 9 | WSW | ro | 0.20 | — | * |
| Shields ... | 29.30f | -09 | 44 | 42 | -7 | 53 | 41 | N | 7 | 11 | N | caf | 0.19 | — | 3 |
| York ... | 29.46f | -11 | 46 | 43 | -5 | 55 | 44 | WSW | 5 | 10 | WSW | qb | 0.04 | — | * |
| Scarborough ... | 29.40f | -10 | 45 | 43 | -5 | 53 | 45 | WSW | 5 | 9 | N | qb | 0.08 | — | 5 |
| Nottingham ... | 29.60f | -10 | 45 | 42 | -8 | 56 | 44 | SW | 4 | 9 | SW | w | 0.05 | — | * |
| Ardrossan ... | 29.27f | -03 | 45 | 43 | -6 | 53 | 40 | SW | 2 | 8 | WSW | q/c | 0.25 | — | 3 |
| Greencastle ... | 29.28r | -05 | 43 | 43 | -7 | 50 | 40 | SW | 4 | 8 | SW | ro | 0.49 | — | 6 |
| Donaghadee ... | 29.31f | -09 | 42 | 42 | -10 | 55 | 42 | N | 6 | 10 | N | cb | 0.28 | — | 4 |
| Kingstown ... | 29.47r | -14 | 47 | 43 | -5 | 57 | 47 | N | 6 | 8 | N | gc | 0.10 | — | 4 |
| Holyhead ... | 29.48s | -18 | 47 | 44 | -3 | 53 | 46 | SW | 5 | 7 | SW | rb | 0.17 | — | 5 |
| Liverpool (Biddston Obs.) | 29.50r | -12 | 46 | 42 | -4 | 54 | 43 | SW | 4 | 9 | WSW | cc | 0.04 | — | 4 |
| Valencia ... | 29.48r | -20 | 47 | 45 | -6 | 55 | 46 | SW | 5 | 8 | N | ro | 0.43 | — | 6 |
| Roche's Point ... | 29.54r | -18 | 49 | 47 | -2 | 51 | 47 | WSW | 5 | 8 | SW | mlc | 0.05 | — | 5 |
| Pembroke ... | 29.64f | -17 | 48 | 46 | -2 | 52 | 48 | WSW | 6 | 9 | WSW | gm | 0.18 | — | 5 |
| Portishead ... | 29.72f | -19 | 48 | 45 | -1 | 55 | 45 | N | 5 | 6 | SW | q | 0.06 | — | 4 |
| Scilly ... | 29.80f | -19 | 50 | 49 | -1 | 54 | 49 | SW | 5 | 9 | SW | ow | 0.06 | — | 7 |
| Plymouth ... | 29.79f | -23 | 49 | 48 | -1 | 54 | 48 | WSW | 3 | 8 | SW | gm | 0.21 | — | 5 |
| Hurst Castle ... | 29.79r | -21 | 48 | 47 | 0 | 50 | 46 | WSW | 5 | 7 | WSW | dm | 0.15 | — | 4 |
| Dover ... | 29.77f | -19 | 49 | 48 | +1 | 50 | 47 | WSW | 4 | 7 | WSW | gao | 0.10 | — | * |
| London ... | 29.73s | -17 | 50 | 46 | +1 | 55 | 47 | WSW | 3 | 9 | SW | pgo | 0.03 | — | * |
| Oxford ... | 29.69 | -16 | 48 | 45 | -3 | 54 | 47 | WSW | 5 | 8 | WSW | go | 0.05 | — | * |
| Cambridge ... | 29.67f | -14 | 47 | 43 | -2 | 55 | 46 | SW | 3 | 6 | ESE | o | — | — | * |
| Yarmouth ... | 29.60 | -15 | 47 | 45 | -1 | 53 | 44 | WSW | 6 | 7 | SW | qgo | 0.02 | — | 4 |
| Helder ... | 29.49 | -20 | 47 | * | +1 | * | * | SW | 4 | * | * | * | * | — | 4 |
| Cape Gris Nez ... | 29.74f | -22 | 49 | 47 | +2 | 50 | 47 | N | 8 | 8 | N | o | 0.08 | — | 6 |
| Brest ... | 29.96f | -24 | 51 | 51 | 0 | 53 | 49 | SW | 5 | 8 | SW | o | 0.24 | — | 6 |
| L'Orient ... | ? 29.96f | -30 | 50 | 50 | +2 | ? | ? | WSW | 5 | 7 | WSW | of | 0.08 | — | 5 |
| Rochefort ... | 30.23f | -20 | 48 | 46 | -3 | 54 | 44 | S | 4 | 8 | N | o | — | — | 3 |
| Biarritz ... | 30.23f | -28 | 52 | 48 | 0 | 55 | 46 | S | 3 | 3 | S | af | — | — | 5 |
| Corunna ... | | | | | | * | * | | | | * | * | * | * | * |
| Brussels ... | | | | | | * | * | | | | * | * | * | * | * |
| Charleville ... | ? 30.01 | -10 | 49 | * | +3 | * | * | S | 3 | * | * | o | * | * | * |
| Paris ... | 30.02f | -24 | 49 | * | +4 | 51 | 48 | SSW | 7 | 8 | SW | r | — | — | * |
| Lyons ... | ? | ? | 45 | * | -9 | * | * | NE | 1 | * | * | f | * | * | 3 |
| Toulon ... | 30.33f | +11 | 46 | 46 | -3 | 61 | 45 | E | 3 | 4 | NN | bf | — | — | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|----|
| Skudesnaes ... | 28.97 | 35 | 34 | SSE | 9 | * | r | 2 | Valencia ... | 29.56 | 50 | 50 | SW | 4 | 9 | * |
| Thurso ... | 28.83 | 44 | 42 | SW | 4 | 6 | pio | 3 | Scilly ... | 29.93 | 52 | 52 | SW | 7 | 9 | o |
| Scarborough... | 29.46 | 52 | 50 | WSW | 7 | 8 | o | 5 | London ... | 29.89 | 53 | 50 | WSW | 5 | 10 | co |
| Greencastle ... | 29.32 | 50 | 47 | SW | 8 | 10 | g | * | Rochefort... | 30.44 | 53 | 49 | N | 5 | 10 | o |
| Holyhead ... | 29.59 | 51 | 49 | N | 6 | 10 | mu | 5 | | | | | | | | |

Pressure continues to decrease very irregularly and the reading at Skudesnaes is below 29 in. The wind is backing at Valencia, while on our N.W. coasts it has risen to a gale from S.W. The weather is very unsettled.

Harmings issued to all coasts this afternoon.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility; unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

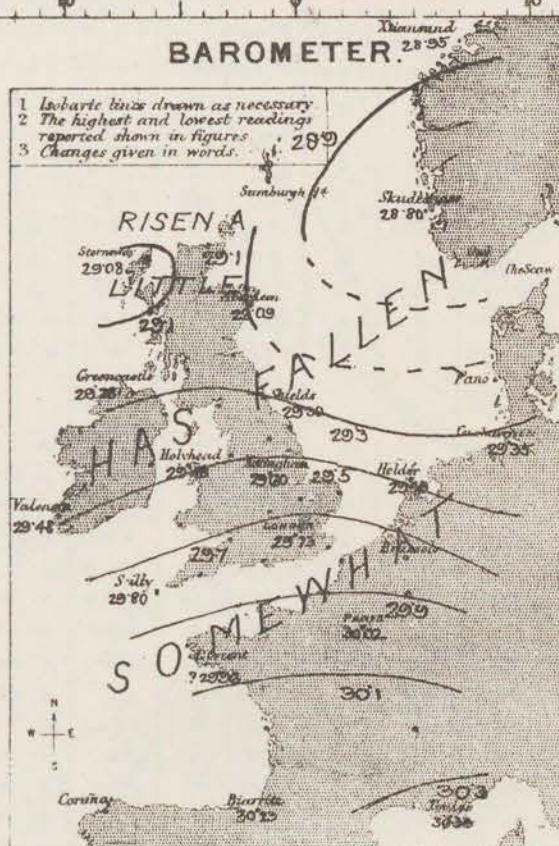
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 20TH JANUARY 1875 AT 8 A.M.

BAROMETER.

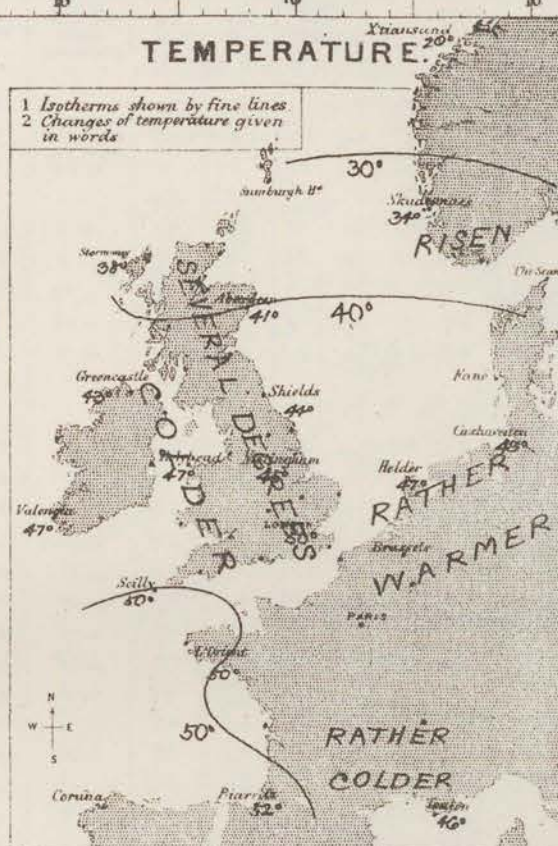
1. Isobars lines drawn as necessary
2. The highest and lowest readings reported shown in figures
3. Changes given in words.



During the past night the centre of a rather deep depression has passed over Scotland from the W., and there appears to be another close in its rear, now advancing over the Hebrides. The barometer is consequently very unsteady over our Islands. The highest readings still lie over the south of France, and the gradients from West to East is 0.085 in per 50 miles, for W. winds.

TEMPERATURE.

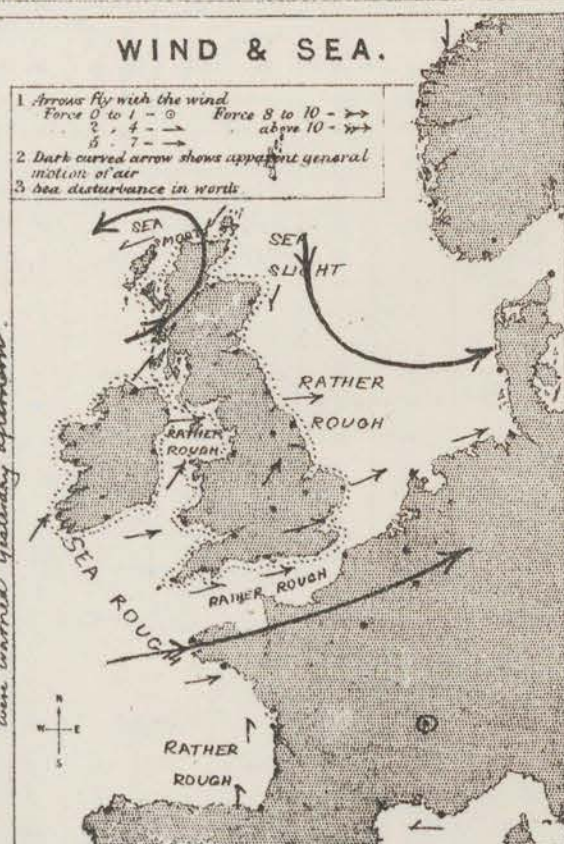
1. Isotherms shown by fine lines
2. Changes of temperature given in words



Temperature has decreased several degrees over the United Kingdom. Elsewhere it has changed little except in the south of Norway and at Cuxhaven. (The Danish reports are not in yet).

WIND & SEA.

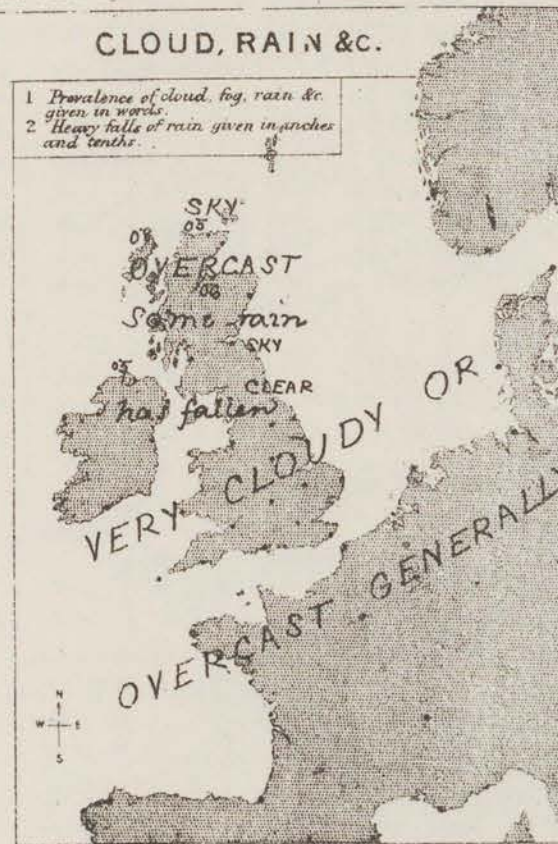
1. Arrows fly with the wind
Force 0 to 1 - - - - -
2, 4 - - - - -
5, 7 - - - - -
Force 8 to 10 - - - - -
above 10 - - - - -
2. Dark curved arrow shows apparent general motion of air
3. Sea disturbance in words



The wind blew as fresh to strong gale from SW to W. over Ireland, England and the south of Scotland last night. This has now subsided, and fresh to strong W. winds still prevail except in Caithness and the Hebrides, where NE winds have appeared but are moderate in force. The sea is still rough in the west and north, rather so in the east, but nearly smooth on our most northern coasts.

CLOUD, RAIN & C.

1. Prevalence of cloud, fog, rain &c. given in words
2. Heavy falls of rain given in inches and tenths



Some rain has fallen generally, most in the north, where, too, thunder has occurred, and the sky is still overcast. The sky is now clearer in the west than of late, cloudy elsewhere, with snow at Nason. All our coasts were washed yesterday afternoon.

Subscriptions for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Post 5/- per quarter.

Meteorological Office
116, Victoria Str. Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22 Bedford St. Covent Garden.

Thurs-day 8 a.m.

WEATHER REPORT.

January 21st 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. — By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Disturb- ance. — 0 to 9. | |
|------------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|---------------------------|--------------------------------|---|--|--|--------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. — (0 to 12.) | Force. — (0 to 12.) | | | | | Dirac. |
| Haparanda ... | 29.65 | | -21 | -21 | | * | * | N | 4 | 4 | N | * | b | * | * |
| Hernösand ... | 29.51 | + .25 | -8 | -8 | -9 | * | * | NE | 2 | 4 | ENE | * | ob | * | * |
| Stockholm ... | 29.32 | + .47 | 1 | 1 | -28 | * | * | NE | 2 | 6 | N | * | o | * | * |
| Wisby ... | 29.52 | | 21 | 20 | | * | * | E | 4 | 6 | NN | * | es | * | * |
| Christiansund ... | 29.06 | + .11 | 23 | 21 | +3 | 23 | 21 | ESE | 4 | 3 | SE | * | co | - | 2 |
| Skudesnaes ... | 29.13 | + .33 | 28 | 28 | -6 | 34 | ? | Z | 0 | 4 | SE | * | co | - | 3 |
| Oxö (X'tiansand) ... | 29.10 | ? | 19 | 18 | -17 | 36 | 18 | NNE | 6 | 2 | N | * | es | - | 4 |
| Skagen (The Skaw) ... | 29.01 | + .15 | 22 | 21 | -16 | * | * | E | 8 | 2 | SE | * | cs | 0.16 | * |
| Fanö ... | 29.12 | + .03 | 41 | 40 | -3 | * | * | WSW | 6 | 6 | WSW | * | o | 0.04 | * |
| Cuxhaven ... | | | | | | | | | | | | | | | |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) ... | 29.38 | + .30 | 30 | 29 | -8 | 30 | 29 | NNW | 2 | 5 | ENE | 3 | rb | 0.17 | 5 |
| Thurso ... | 29.27 | + .14 | 36 | 32 | 0 | 37 | 30 | NNW | 5 | 5 | N | 5 | so | 0.22 | 5 |
| Wick ... | 29.30 | + .12 | 26 | 26 | -12 | 38 | 23 | NN | 2 | 4 | NNE | 6 | osp | 0.13 | 1 |
| Nairn ... | 29.36 | + .21 | 26 | 25 | -8 | 34 | 25 | Z | 0 | 2 | ENE | 0 | sb | 0.41 | 3 |
| Aberdeen ... | 29.30 | + .21 | 31 | 29 | -10 | 42 | 31 | NW | 2 | 4 | NE | 0 | rb | 0.23 | 2 |
| Leith ... | 29.38 | + .18 | 34 | 33 | -10 | 48 | 32 | NE | 2 | 7 | N | 10 | apo | 0.13 | * |
| Shields ... | 29.28 | - .02 | 37 | 37 | -7 | 48 | 37 | N | 5 | 7 | WSW | 8 | cgr | 0.15 | 4 |
| York ... | 29.27 | - .19 | 41 | 39 | -5 | 49 | 38 | N | 3 | 3 | WSW | 3 | qrb | 0.05 | * |
| Scarborough ... | 29.28 | - .12 | 39 | 37 | -6 | 48 | 39 | NN | 2 | 6 | WSW | 9 | co | 0.03 | 3 |
| Nottingham ... | 29.37 | - .23 | 39 | 38 | -6 | 50 | 37 | SW | 3 | 5 | SW | 3 | ctm | 0.04 | * |
| Ardrossan ... | 29.37 | + .10 | 34 | 33 | -11 | 47 | 34 | NE | 2 | 3 | SW | 6 | ps | 0.10 | 1 |
| Greencastle ... | 29.43 | + .15 | 36 | 34 | -7 | 44 | 35 | NE | 2 | 5 | WSW | 5 | pa | 1.36 | * |
| Donaghadee ... | 29.35 | + .04 | 38 | 36 | -4 | 47 | 38 | NNW | 5 | 6 | N | 5 | o | 0.02 | 4 |
| Kingstown ... | 29.41 | - .06 | 41 | 40 | -6 | 50 | 41 | NNW | 6 | 8 | N | 9 | go | 0.03 | 4 |
| Holyhead ... | 29.37 | - .11 | 43 | 41 | -4 | 50 | 42 | NNW | 4 | 5 | SW | 7 | o | - | 4 |
| Liverpool (Bilston Obs.) ... | 29.34 | - .16 | 43 | 41 | -3 | 50 | 41 | N | 5 | 7 | SW | 9 | co | 0.04 | 4 |
| Valencia ... | 29.38 | - .10 | 44 | 43 | -3 | ? | 43 | S | 3 | 6 | N | 8 | plr | 0.28 | 4 |
| Roche's Point ... | 29.46 | - .08 | 43 | 42 | -6 | 49 | 41 | WSW | 3 | 8 | WSW | 9 | qlo | 0.25 | 4 |
| Pembroke ... | 29.49 | - .15 | 46 | 43 | -2 | 50 | 43 | NNW | 6 | 7 | WSW | 10 | go | 0.23 | 4 |
| Portishead ... | 29.49 | - .23 | 41 | 40 | -7 | 53 | 39 | NNW | 3 | 6 | WSW | 8 | po | 0.21 | 3 |
| Scilly ... | 29.64 | - .16 | 50 | 48 | 0 | 52 | 44 | WSW | 6 | 9 | NNW | 9 | lto | 0.09 | 7 |
| Plymouth ... | 29.61 | - .18 | 45 | 43 | -4 | 52 | 43 | N | 2 | 7 | N | 10 | qf | 0.14 | 6 |
| Hurst Castle ... | 29.51 | - .22 | 44 | 41 | -4 | 48 | 42 | NW | 6 | 9 | NNW | 8 | eq | 0.13 | 5 |
| Dover ... | 29.36 | - .41 | 44 | 42 | -5 | 50 | 42 | WSW | 5 | 6 | WSW | 6 | qlo | 0.63 | * |
| London ... | 29.43 | - .30 | 41 | 40 | -9 | 50 | 41 | N | 3 | 7 | WSW | 2 | pgb | 0.05 | * |
| Oxford ... | 29.44 | - .25 | 40 | 39 | -8 | 50 | 40 | N | 2 | 6 | WSW | 1 | cb | 0.07 | * |
| Cambridge ... | 29.37 | - .30 | 39 | 38 | -8 | 50 | 39 | WSW | 2 | 3 | SW | 7 | re | 0.13 | 3 |
| Yarmouth ... | 29.30 | - .30 | 41 | 41 | -6 | 50 | 40 | NNW | 2 | 6 | WSW | 8 | rgm | 0.14 | 4 |
| Helder ... | 29.28 | - .21 | 43 | * | -4 | * | * | SW | 6 | * | * | * | * | * | * |
| Cape Gris Nez ... | | | | | | | | | | | | | | | |
| Brest ... | | | | | | | | | | | | | | | |
| L'Orient ... | 29.82 | - .14 | 49 | 47 | -1 | ? | ? | N | 7 | 8 | NNW | 7 | ro | 0.02 | 6 |
| Rochefort ... | 30.05 | - .18 | 52 | 49 | +4 | 55 | 44 | N | 9 | 8 | WSW | 10 | co | 0.12 | 5 |
| Biarritz ... | 30.28 | + .05 | 54 | 50 | +2 | 57 | 50 | SW | 5 | 3 | S | 9 | mo | - | 6 |
| Corunna ... | | | | | | | | | | | | | | | |
| Brussels ... | 29.43 | | 47 | * | | * | * | NW | 9 | * | * | * | ro | * | * |
| Charleville ... | ? | ? | 45 | * | -4 | * | * | SW | 6 | * | * | * | o | * | * |
| Paris ... | | | | | | | | | | | | | | | |
| Lyons ... | ? | ? | 50 | * | +5 | * | * | SW | 3 | * | * | * | o | * | * |
| Toulon ... | 30.16 | - .17 | 45 | 41 | -1 | 51 | 44 | NW | 4 | 3 | SE | 4 | me | - | 3 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | O. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | O. | Wca. | | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|------|------|----|----|
| Skudesnaes ... | 29.19 | 34 | 31 | nnnw | 7 | * | e | 5 | Valencia ... | 29.48 | 48 | 45 | nn | 5 | 6 | o |
| Thurso ... | 29.23 | 32 | 31 | E | 2 | 10 | s | 2 | Scilly ... | 29.70 | 52 | 49 | nsnw | 6 | 6 | c |
| Scarborough... | 29.38 | 48 | 45 | nsnw | 6 | 8 | o | 5 | London ... | 29.67 | 52 | 48 | snw | 2 | 10 | co |
| Greencastle ... | 29.19 | 43 | 42 | nnnw | 4 | 10 | r | * | Rochefort... | 30.15 | 50 | 46 | s | 5 | 10 | o |
| Holyhead ... | 29.41 | 48 | 45 | snw | 5 | 5 | c | 5 | | | | | | | | |

Pressure has recovered somewhat in the N. of Scotland but decreased elsewhere, the wind is veering toward NW. in Ireland with showers but is still strong from SW in England while E. breezes with a heavy snow storm are reported from Caithness. - Signals lowered on all coasts this afternoon.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.
 * AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

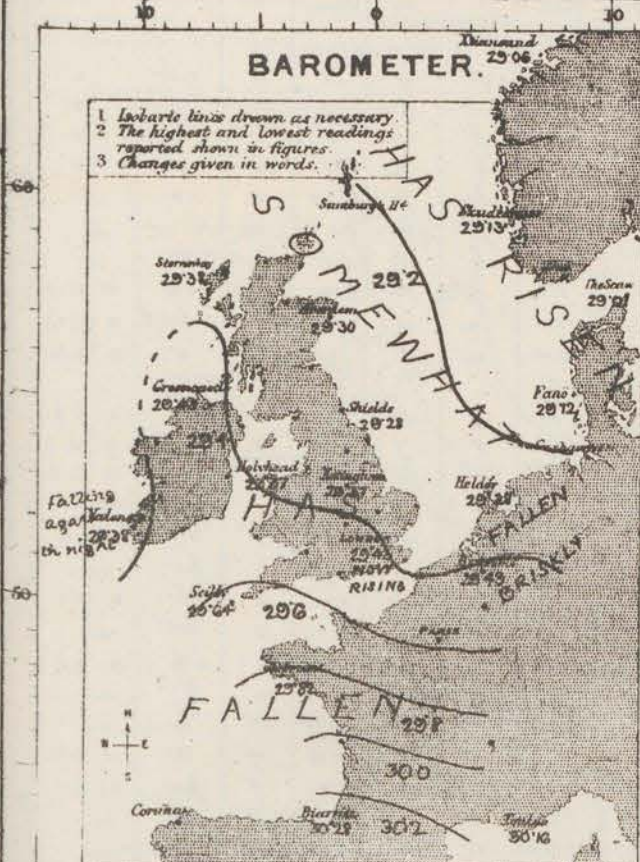
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 21ST JANUARY 1875 AT 8 A.M.

BAROMETER.

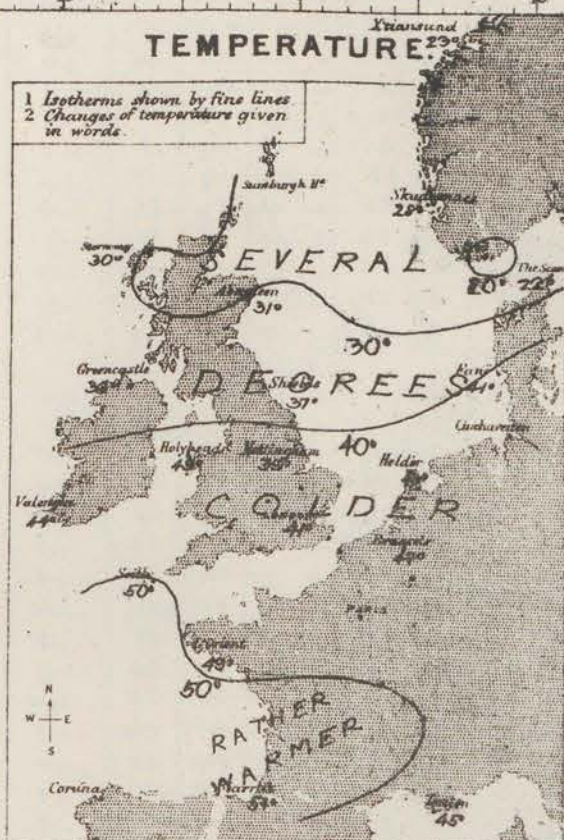
- 1 Isotherms shown as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The changes in the barometrical pressure during the past 24 hours have been very sudden. The decrease which was in progress yesterday morning was succeeded by a recovery in the west by the afternoon, and this has now extended E. to London, but during the night a fresh fall has set in at Valencia. Readings are highest in the far south, the gradient from Blearly to Sicily being .007 in. per 50 miles for W. winds.

TEMPERATURE.

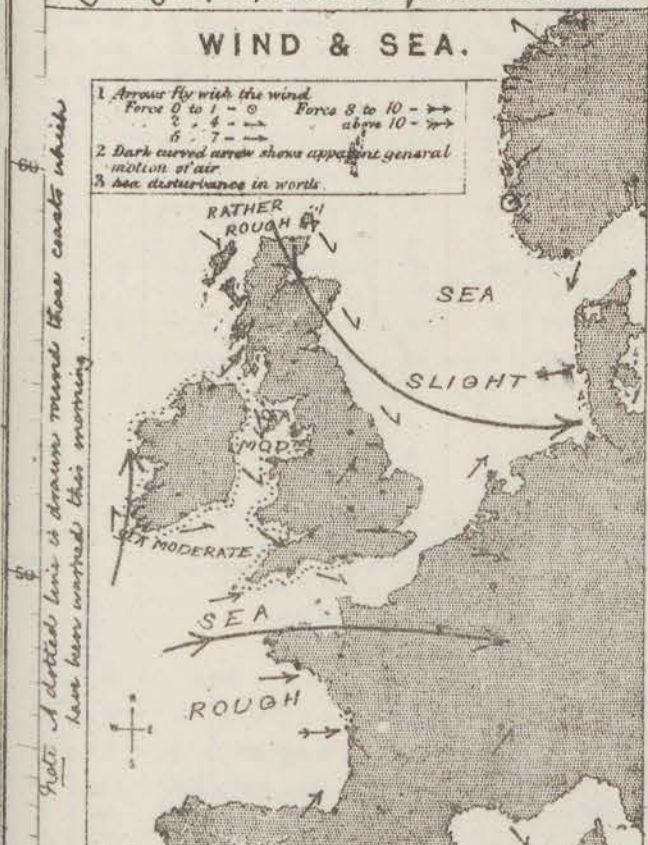
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen several degrees at all but the southern bench stations, especially in the north, where it is now low.

WIND & SEA.

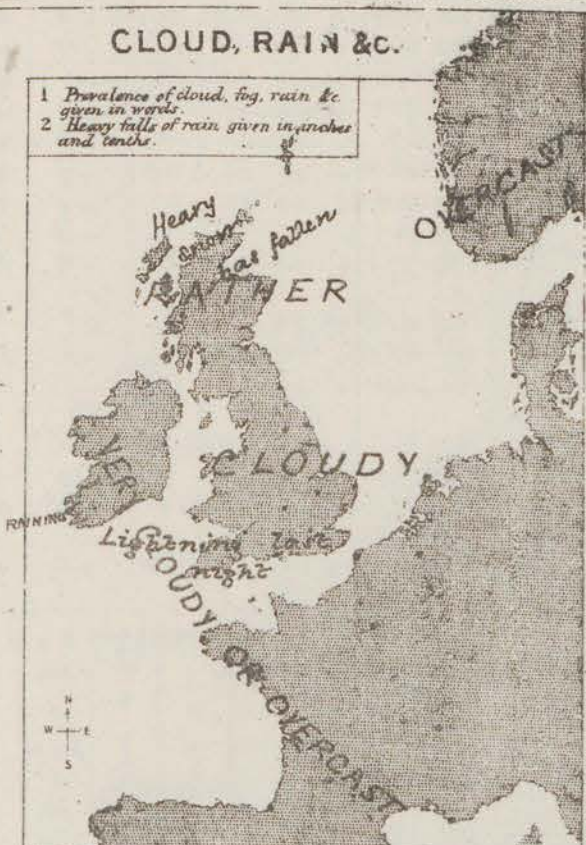
- 1 Arrows fly with the wind. Force 0 to 1 - - - Force 8 to 10 - - - Force 10 - - - above 10 - - -
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbances in words.



The wind again rose to a fresh gale from the W. in the Channel and France last night, and though this has now subsided, in most places fresh to strong W. breezes still prevail, in the south, moderate winds from the same quarters over England and N. winds in Scotland. At Valencia however, the wind has again backed to S. with rain. The sea is still high at Sicily, and rough in the south generally, moderate elsewhere.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Heavy snow storms were experienced in the north of Scotland yesterday, and rain in other places. Thunder and lightning occurred along all coast. The sky is still very cloudy in the west and south west, but is clearer in the east and north. Rain has ceased to our west and south west coast.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Post 5/- per quarter.

Meteorological Office
116, Victoria Str^t, Westminster, S.W.

ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden

Fri day 8 a.m.

WEATHER REPORT.

January 22^d 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 6 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Distur- bance. 0 to 9. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dir. |
| Haparanda ... | 29.71 | + .06 | -25 | -25 | -4 | * | * | N | 4 | 4 | N | * | cb | * | * |
| Hernösand ... | 29.53 | + .02 | -9 | -9 | -1 | * | * | NNE | 4 | 2 | NE | * | bc | * | * |
| Stockholm ... | 29.21 | - .11 | 0 | 0 | -1 | * | * | NNE | 8 | 4 | NE | * | rs | * | * |
| Wisby ... | 29.12 | - .40 | 19 | 18 | -2 | * | * | N | 8 | 4 | E | * | s | * | * |
| Christiansund... | 29.28 | + .22 | 19 | 17 | -4 | 23 | ? | ENE | 1 | 4 | ESE | * | so | - | 4 |
| Skudesnaes ... | 29.25 | + .12 | 24 | 22 | -4 | ? | ? | SSE | 7 | 8 | SSE | * | so | - | 4 |
| Oxö (X'tiansand) | 29.29 | + .19 | 12 | 12 | -7 | 19 | ? | NNE | 6 | 4 | NNE | * | cs | - | 4 |
| Skagen (The Skaw) | 29.32 | + .31 | 12 | 11 | -10 | * | * | E | 4 | 4 | E | * | os | 0.04 | * |
| Fanö ... | 29.23 | + .11 | 31 | 30 | -10 | * | * | N | 4 | 4 | E | * | bcl | 0.04 | * |
| Cuxhaven ... | 29.30r | .00 | 31 | 29 | -12 | 43 | ? | NSN | 4 | 5 | N | 8 | o | 0.22 | * |
| Samburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides.) | 29.70r | + .32 | 33 | 32 | +3 | 34 | 27 | NW | 4 | 5 | N | 6 | sw | 0.16 | 5. |
| Thurso... | 29.57r | + .30 | 36 | 35 | 0 | 38 | 30 | NNN | 5 | 7 | SW | 7 | qf | 0.42 | 5 |
| Wick ... | 29.61r | + .31 | 31 | 31 | +5 | 32 | 23 | NN | 4 | 5 | NN | 6 | opg | 0.26 | 1 |
| Nairn ... | 29.68r | + .32 | 32 | 30 | +6 | 33 | 25 | N | 1 | 1 | NNN | 1 | b | - | 2 |
| Aberdeen ... | 29.59r | + .29 | 32 | 31 | +1 | 34 | 30 | NN | 3 | 4 | NN | 3 | bs | 0.26 | 2 |
| Leith ... | 29.74r | + .36 | 31 | 30 | -3 | 41 | 29 | NSN | 3 | 3 | N | 2 | b | - | * |
| Shields... | 29.68r | + .40 | 32 | 32 | -5 | 39 | 30 | NW | 3 | 4 | N | 0 | ob | 0.01 | 3 |
| York ... | 29.75r | + .48 | 31 | 30 | -10 | 41 | 29 | NNN | 1 | 1 | NN | 0 | b | - | * |
| Scarborough ... | 29.71r | + .43 | 33 | 31 | -6 | 40 | 31 | NNN | 3 | 3 | N | 1 | ob | 0.01 | 3 |
| Nottingham ... | 29.82r | + .45 | 30 | 29 | -9 | 45 | 27 | SW | 3 | 5 | N | 0 | f | - | * |
| Ardrossan ... | 29.77r | + .40 | 38 | 35 | +4 | 40 | 33 | NN | 2 | 3 | NN | 3 | b | - | 1 |
| Greencastle ... | 29.88r | + .45 | 35 | 34 | -1 | 37 | 34 | N | 1 | 2 | NE | 7 | c | 0.02 | * |
| Donaghadee ... | 29.84r | + .49 | 34 | 33 | -4 | 41 | 32 | N | 5 | 6 | N | 7 | bo | 0.01 | 3 |
| Kingstown ... | 29.95r | + .54 | 35 | 33 | -6 | 43 | 34 | N | 4 | 3 | NNN | 3 | ob | - | 4 |
| Holyhead ... | 29.87r | + .50 | 40 | 37 | -3 | 44 | 38 | NNN | 5 | 5 | N | 3 | b | - | * |
| Liverpool (Bidston Obs.) | 29.83r | + .49 | 38 | 35 | -5 | 43 | 32 | NNN | 5 | 6 | NNN | 8 | co | 0.02 | 4 |
| Valencia ... | 30.04r | + .66 | 35 | 33 | -9 | 50 | 33 | ESE | 2 | 4 | NE | 3 | ab | 0.64 | 3 |
| Roche's Point... | 30.00r | + .54 | 34 | 32 | -9 | 43 | 32 | NN | 2 | 5 | NNE | 2 | cb | 0.75 | 2 |
| Pembroke ... | 29.96r | + .47 | 41 | 37 | -5 | 46 | 35 | NN | 3 | 5 | NN | 3 | go | 0.63 | 4 |
| Portishead ... | 29.92r | + .43 | 36 | 34 | -5 | 47 | 32 | NN | 4 | 7 | ESE | 0 | go | 0.54 | 3 |
| Scilly ... | 30.04r | + .40 | 42 | 37 | -8 | 51 | 41 | NNN | 4 | 10 | N | 5 | c | 0.43 | 6 |
| Plymouth ... | 29.99r | + .38 | 35 | 34 | -10 | 49 | 33 | N | 1 | 8 | NNN | 1 | qf | 0.31 | * |
| Hurst Castle ... | 29.91r | + .40 | 34 | 32 | -10 | 47 | 32 | NNN | 5 | 6 | NN | 0 | qb | 0.42 | 4 |
| Dover ... | 29.80r | + .44 | 33 | 33 | -11 | 46 | 31 | NNN | 3 | 5 | NE | 0 | cb | 0.84 | 3 |
| London ... | 29.85r | + .42 | 32 | 30 | -9 | 47 | 32 | N | 2 | 5 | NE | 5 | qob | 0.45 | * |
| Oxford... | 29.87 | + .43 | 32 | 30 | -8 | 45 | 32 | N | 2 | 4 | N | 0 | ob | 0.19 | * |
| Cambridge ... | 29.82r | + .45 | 32 | 30 | -7 | 45 | 30 | NNN | 2 | 2 | SW | 0 | cb | - | * |
| Yarmouth ... | 29.70r | + .40 | 32 | 31 | -9 | 44 | 31 | NNN | 4 | 6 | NE | 3 | hom | 0.04 | 4 |
| Helder... | 29.50 | + .22 | 39 | * | -4 | * | * | NN | 7 | * | * | * | * | * | 5 |
| Cape Gris Nez... | 29.77r | + .49 | 35 | 31 | -9 | 55 | 35 | NNN | 5 | 8 | NNN | 1 | cb | 0.51 | 4 |
| Brest ... | | | | | | | | | | | | | | | |
| L'Orient ... | ? 29.91r | + .09 | 41 | 37 | -8 | ? | ? | NNN | 5 | 8 | NNN | 2 | rb | 0.71 | 5 |
| Rochefort ... | 30.00r | - .05 | 46 | 42 | -6 | 53 | 42 | NN | 7 | 12 | N | 3 | oc | 0.51 | 3 |
| Biarritz ... | 30.06r | - .22 | 53 | 49 | -1 | 54 | 48 | NN | 9 | 5 | SW | 8 | o | - | 7 |
| Corunna ... | | | | | | | | | | | | | | | |
| Brussels ... | 29.66 | + .23 | 36 | * | -11 | * | * | N | 6 | * | * | * | so | * | * |
| Charleville ... | ? 29.71 | ? | 36 | * | -9 | * | * | N | 3 | * | * | * | b | * | * |
| Paris ... | 29.86r | + .17 | 37 | * | -10 | 51 | 37 | NN | 5 | 9 | SW | 0 | rb | ? | * |
| Lyons ... | ? | ? | 49 | * | -1 | * | * | N | 6 | * | * | * | r | * | * |
| Toulon... | 29.74 | - .42 | 47 | 45 | +2 | 52 | 45 | N | 5 | 5 | NN | ? | c | 0.04 | 5 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-----------------|-------|------|------|-------|----|------|------|---------------|-------|------|------|-------|----|------|------|
| Skudesnaes ... | 29.12 | 35 | 35 | SSE | 3 | * | 5 | Valencia ... | 29.36 | 43 | 42 | NNE | 2 | 8 | go |
| Thurso ... | 29.27 | 34 | 32 | NNN | 4 | ? | psc | Scilly ... | 29.33 | 51 | 48 | N | 10 | 6 | w |
| Scarborough ... | 29.34 | 37 | 36 | NNE | 3 | 10 | 5 | London ... | 29.40 | 47 | 44 | NSN | 2 | 10 | co |
| Greencastle ... | 29.43 | 37 | 35 | NE | 2 | 4 | c | Rochefort ... | 29.97 | 52 | 48 | N | 9 | 10 | r |
| Holyhead ... | 29.33 | 42 | 39 | N | 3 | 6 | c | | | | | | | | |

The barometer is falling very fast at the mouth of the channel and apparently to a less extent elsewhere. A whole gale from N. is blowing at Scilly, while in Ireland and the N. of England light N^W breezes are felt.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

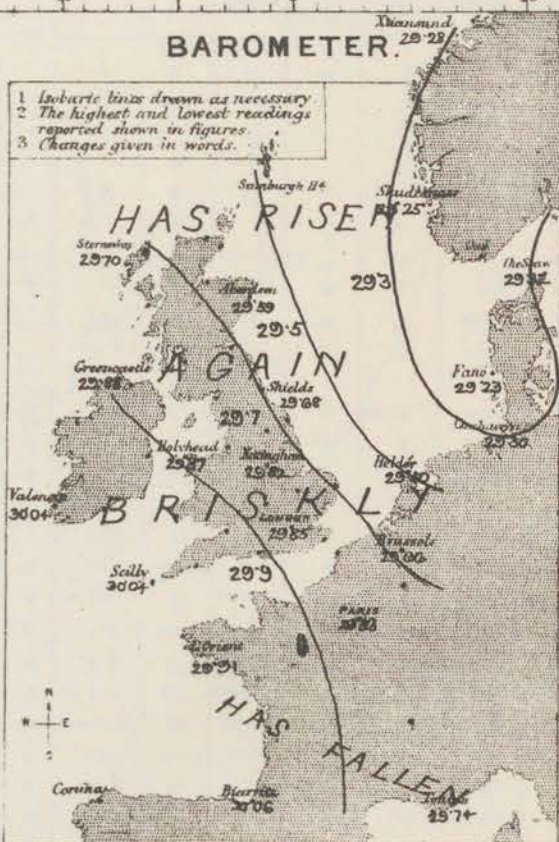
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 22ND JANUARY 1875 AT 8 A.M.

BAROMETER.

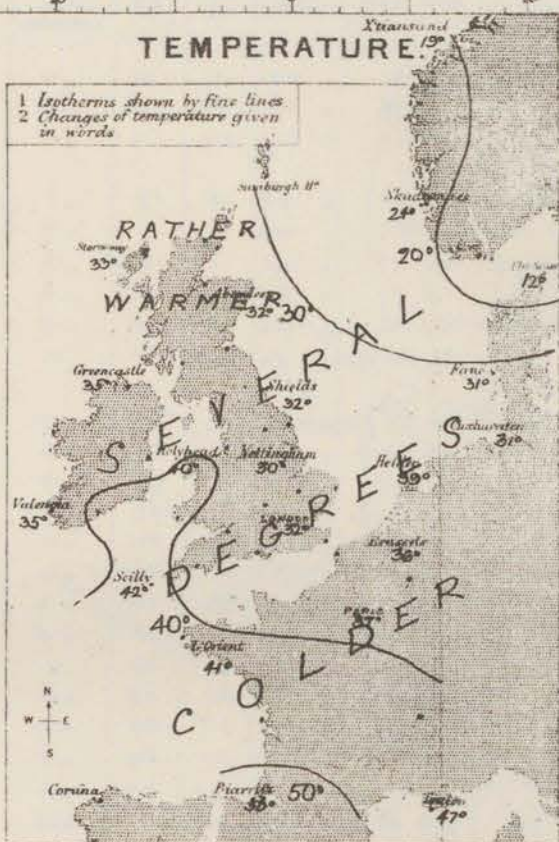
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The small but deep depression which was advancing towards our south-west coast yesterday morning passed E. up the Channel during the afternoon and evening, and has now disappeared from our neighbourhood. Since then every general rise of the barometer has taken place, and the highest readings at present reported are at our south-western stations. The gradient from Valencia to Oporto is 0.05 in per 50 miles.

TEMPERATURE.

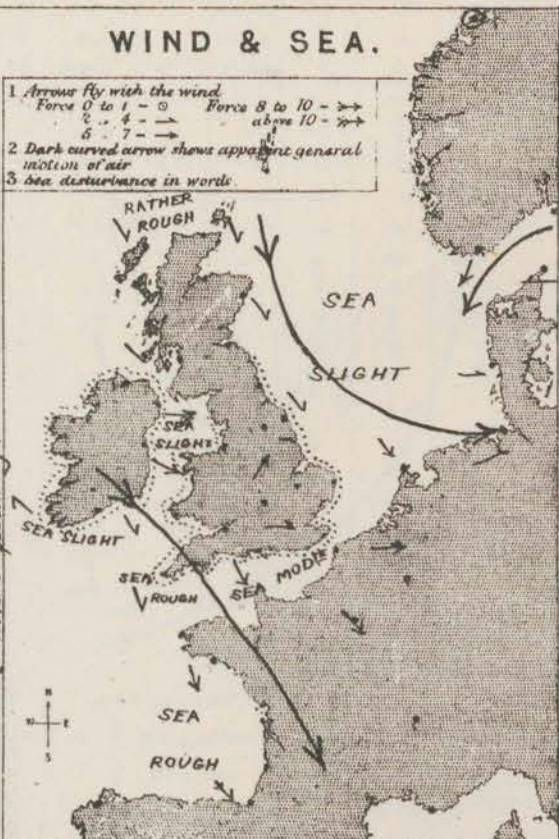
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has fallen considerably except in Scotland, and a slight frost prevails this morning over S. Britain. In Lapland the weather is intensely cold again (minus 25° Fahr.). In London the thermometer stands at 32° in the shade, and 25° on the grass this morning.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 2 to 3 - 1, Force 4 to 5 - 2, Force 6 to 7 - 3, Force 8 to 10 - 4, Force above 10 - 5
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The wind blew a strong gale from W. to NW at and near the mouth of the Channel yesterday, but (the centre of the depression having passed) a little to the S. of our southern coast, did not extend to our other coasts. Over France, heavy W. gales were experienced. Moderate NW winds now prevail in our islands, blowing into W. over Belgium, and NE winds in the Skagerrak. The sea is still rough at Scilly and rather so on our extreme northern coasts, moderate or slight elsewhere.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



A considerable quantity of rain has fallen at the southern stations, and some snow in the north. The sky is now much clearer than of late. Rainings which were issued to our west and south-west coasts yesterday morning were subsequently extended to the east and south-east; but the signals have been lowered this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter
book post 5/ per quarter.

Meteorological Office
116, Victoria Str. Westminister S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St Covent Garden

Satur-day 8 a.m.

WEATHER REPORT.

January 23rd 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. — By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ances. 0 to 9. | |
|------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|---------------------------|--------------------------------|---|-----------------------------------|--------------------------------------|------|
| | At 8 a.m. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 a.m. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 a.m. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. — (0 to 12.) | Force. — (0 to 12.) | | | | | Dir. |
| Haparanda ... | 29.74 | + .03 | 36 | 36 | — 11 | * | * | N | 2 | 4 | N | * | b | * | * |
| Hernösand ... | 29.76 | + .23 | 22 | 22 | — 13 | * | * | N | 2 | 4 | N | * | b | * | * |
| Stockholm ... | 29.62 | + .41 | 11 | 11 | — 11 | * | * | NN | 2 | 4 | N | * | ob | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | 29.76 | + .48 | 18 | 17 | — 1 | ? | 16 | NNE | 2 | 2 | N | * | bf | — | 3 |
| Skudesnaes ... | 29.69 | + .44 | 17 | 16 | — 7 | 25 | 23 | NNE | 2 | 7 | S | * | sb | — | 2 |
| Oxö (X'tiansand) ... | 29.75 | + .46 | 10 | 10 | — 2 | 12 | 10 | N | 4 | 4 | NNN | * | eb | — | 2 |
| Skagen (The Skaw) ... | 29.77 | + .45 | 14 | 12 | + 2 | * | * | SE | 2 | 2 | ESE | * | o | 0.04 | * |
| Fanö ... | 29.73 | + .50 | 28 | 28 | — 3 | * | * | SW | 2 | 2 | E | * | c | — | * |
| Cuxhaven ... | 29.80 | + .50 | 31 | 28 | 0 | 26 | ? | SW | 2 | 5 | N | 6 | so | — | * |
| Sanaburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) ... | 29.25 | — .45 | 36 | 36 | + 3 | 36 | 26 | ESE | 6 | 6 | ESE | 10 | sr | 0.21 | 6 |
| Thurso ... | 29.44 | — .13 | 34 | 33 | — 2 | 39 | 25 | SSE | 3 | 5 | NN | 10 | ps | 0.12 | 2 |
| Wick ... | 29.45 | — .16 | 35 | 34 | + 4 | 35 | 25 | SSE | 3 | 4 | NN | 10 | es | 0.04 | 2 |
| Nairn ... | 29.40 | — .28 | 32 | 32 | 0 | 35 | 27 | Z | 0 | 1 | W | 10 | bs | 0.03 | 1 |
| Aberdeen ... | 29.47 | — .12 | 36 | 34 | + 4 | 38 | 28 | SI | 3 | 3 | NN | 10 | bs | — | 2 |
| Leith ... | 29.47 | — .27 | 35 | 34 | + 4 | 41 | 30 | SE | 2 | 3 | N | 10 | bs | 0.01 | * |
| Shields ... | 29.56 | — .12 | 34 | 34 | + 2 | 37 | 32 | S | 4 | 5 | NNN | 9 | bsw | 0.06 | 3 |
| York ... | 29.56 | — .19 | 34 | 33 | + 3 | 41 | 31 | SSE | 2 | 2 | SSE | 10 | s | 0.20 | * |
| Scarborough ... | 29.56 | — .15 | 33 | 33 | 0 | 38 | 32 | S | 4 | 3 | NN | 10 | bs | 0.06 | 4 |
| Nottingham ... | 29.60 | — .22 | 35 | 35 | + 5 | 42 | 29 | SSE | 2 | 4 | NNN | 10 | usr | 0.18 | * |
| Ardrossan ... | 29.39 | — .38 | 35 | 34 | — 3 | 42 | 35 | ENE | 2 | 3 | NN | 9 | psd | 0.16 | 3 |
| Greencastle ... | 29.39 | — .49 | 40 | 39 | + 5 | 40 | 34 | SW | 2 | 2 | SW | 10 | o | 0.18 | * |
| Donaghadee ... | 29.38 | — .46 | 40 | 39 | + 6 | 40 | 33 | SSW | 5 | 6 | S | 10 | bo | 0.22 | 4 |
| Kingstown ... | 29.48 | — .47 | 47 | 44 | + 12 | 49 | 34 | NNN | 3 | 4 | N | 7 | bo | 0.18 | 2 |
| Holyhead ... | 29.47 | — .40 | 47 | 44 | + 7 | 48 | 36 | NNN | 3 | 4 | N | 7 | rm | 0.23 | 3 |
| Liverpool (Bidston Obs.) ... | 29.48 | — .35 | 36 | 35 | — 2 | 42 | 33 | SE | 3 | 6 | NNN | 10 | hso | 0.19 | 3 |
| Valencia ... | 29.58 | — .46 | 48 | 48 | + 13 | 53 | 34 | N | 3 | 6 | SE | 9 | r | 0.57 | 4 |
| Roche's Point ... | 29.56 | — .44 | 46 | 45 | + 12 | 51 | 34 | N | 4 | 7 | SSW | 9 | rfo | 0.28 | 4 |
| Pembroke ... | 29.57 | — .39 | 49 | 49 | + 8 | 49 | 41 | NNN | 4 | 4 | NNN | 10 | con | 0.20 | 4 |
| Portishead ... | 29.59 | — .33 | 48 | 48 | + 12 | 51 | 34 | SSW | 6 | 6 | SSW | 10 | pw | 0.32 | 3 |
| Scilly ... | 29.75 | — .29 | 52 | 51 | + 10 | 52 | 41 | NNN | 6 | 6 | NNN | 8 | co | 0.17 | 6 |
| Plymouth ... | 29.70 | — .29 | 50 | 50 | + 15 | 52 | 35 | SW | 4 | 6 | SSW | 10 | cd | 0.31 | * |
| Hurst Castle ... | 29.66 | — .25 | 48 | 48 | + 14 | 48 | 34 | NNN | 6 | 7 | SSW | 10 | bm | 0.22 | 5 |
| Dover ... | 29.78 | — .02 | 44 | 40 | + 11 | ? | 31 | S | 7 | 4 | NNN | 10 | bw | 0.01 | * |
| London ... | 29.69 | — .16 | 39 | 38 | + 7 | 44 | 31 | S | 3 | 5 | S | 10 | boo | 0.13 | * |
| Oxford ... | 29.62 | — .25 | 40 | 40 | + 8 | 42 | 32 | S | 3 | 4 | N | 10 | od | 0.24 | * |
| Cambridge ... | 29.68 | — .14 | 35 | 35 | + 3 | 40 | 31 | S | 2 | 2 | NNN | 10 | cr | 0.10 | * |
| Yarmouth ... | 29.74 | + .04 | 35 | 35 | + 3 | 38 | 31 | SSW | 3 | 4 | NNN | 10 | mr | 0.03 | 3 |
| Helder ... | 29.85 | + .35 | 37 | * | — 2 | * | * | N | 4 | * | * | * | * | * | 2 |
| Cape Gris Nez ... | 29.80 | + .03 | 36 | 34 | + 1 | 42 | 35 | S | 4 | 7 | NN | 10 | bo | — | 3 |
| Brest ... | 29.95 | | 52 | 52 | ? | ? | 37 | N | 5 | 7 | SW | 10 | m | 0.08 | 5 |
| L'Orient ... | 29.95 | + .02 | 51 | 51 | + 10 | ? | ? | N | 5 | 5 | N | 10 | f | 0.08 | 5 |
| Rochefort ... | 30.10 | + .10 | 52 | 48 | + 6 | 55 | 37 | N | 7 | 7 | NNN | 10 | co | 0.08 | 3 |
| Biarritz ... | | | | | | | | | | | | | | | |
| Corunna ... | | | | * | | * | * | | | * | * | * | * | * | * |
| Brussels ... | 29.95 | + .29 | 37 | * | + 1 | * | * | N | 3 | * | * | * | o | * | * |
| Charleville ... | 30.07 | + .06 | 33 | * | — 3 | * | * | SW | 3 | * | * | * | o | * | * |
| Paris ... | 30.02 | + .16 | 36 | * | — 1 | 42 | 35 | S | 5 | 7 | SW | 8 | rs | — | * |
| Lyons ... | ? | ? | 41 | * | — 8 | * | * | N | 1 | * | * | * | b | * | * |
| Toulon ... | 30.13 | + .39 | 35 | 30 | — 12 | 49 | 35 | NN | 5 | 8 | W | 3 | bo | — | 6 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|---|
| Skudesnaes ... | 29.51 | 23 | 22 | S | 4 | * | C | 4 | Valencia ... | 29.99 | 41 | 38 | SE | 3 | Y | C |
| Thurso ... | 29.70 | 37 | 35 | NNN | 5 | 7 | sp | 4 | Scilly ... | 30.10 | 46 | 41 | S | 1 | Y | C |
| Scarborough... | 29.82 | 37 | 35 | NN | 3 | 0 | b | 3 | London ... | 29.97 | 41 | 37 | NNN | 3 | 1 | b |
| Greencastle ... | 29.91 | 39 | 38 | N | 1 | 10 | d | * | Rochefort... | 30.13 | 47 | 42 | NNN | 5 | 0 | b |
| Holyhead ... | 29.97 | 42 | 39 | N | 4 | 5 | C | 4 | | | | | | | | |

The mercury has begun to fall again in the SW. and the wind has shifted to the S^W at Scilly with a high sea. Elsewhere there is but little change and the barometer continues to rise.

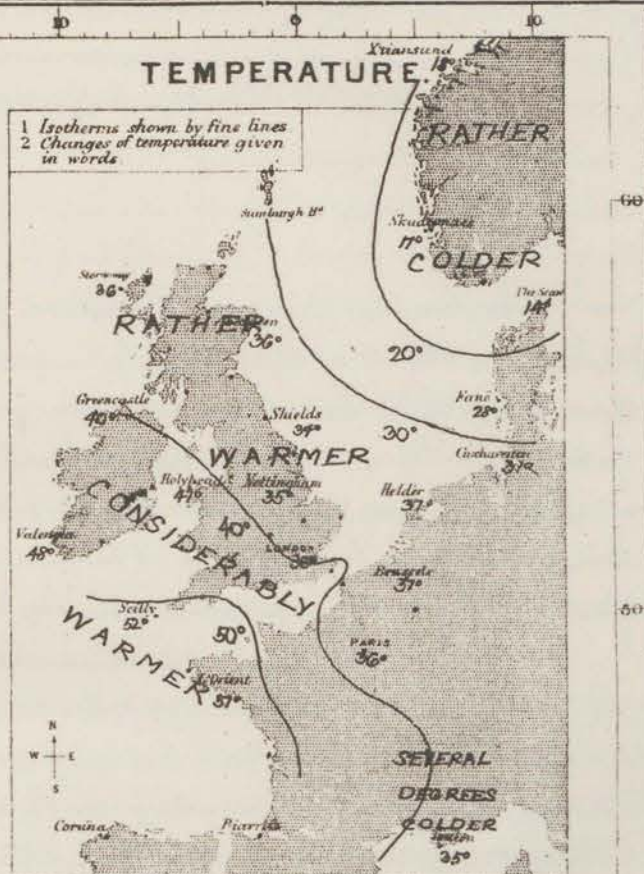
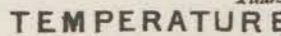
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

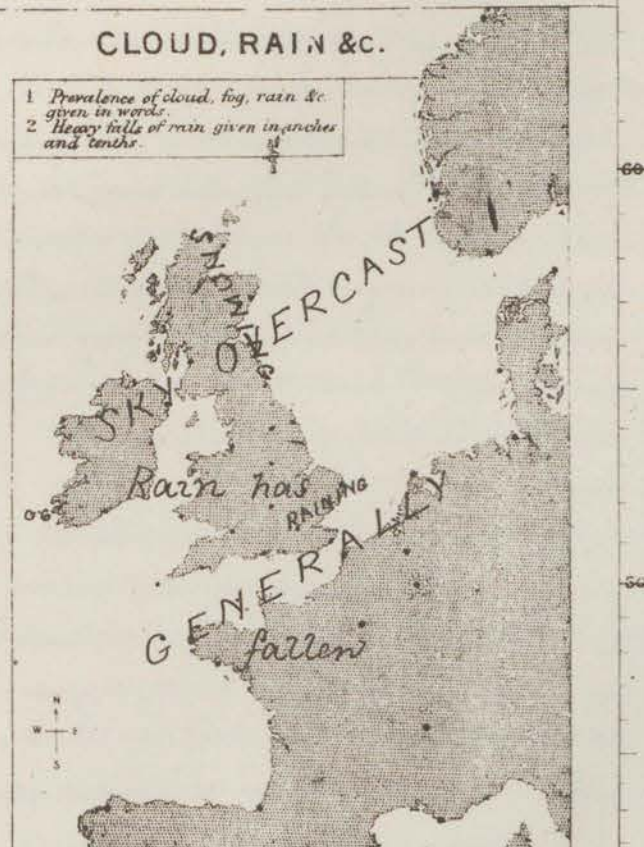
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

SATURDAY 23RD JANUARY 1875 AT 8 A.M.



Temperature has risen several degrees in the south of our Islands and to a less extent at our other stations generally. At Haparanda in Lapland a temperature of minus 36° F. is reported so that the weather is 88° colder than at Sully!

CLOUD, RAIN &C.



Rain has fallen generally. The sky is very overcast; snow is falling on our north coast, and rain on our south-east coasts.

Dangerfield, Lith. 22, Bedford St. Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from JAN 17th to JAN 23rd 1875.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather during this period has been very unsettled a series of depressions has passed over the N. of these Islands accompanied in many cases by smaller "satellite" depressions which have occasioned very gusty squally weather in the S. The wind has been generally N^W or S^W in direction and fresh in force but increased to a gale at most places several times during the week. On the 22nd N^W winds were experienced and temperature consequently fell but otherwise it has been above the average for the time of year. A great deal of rain and snow have fallen and the sky has been overcast everywhere.

JAN 17th The fall of the barometer, noticed over our Islands, at the close of last week, had passed on to the E. shores of the North Sea and pressure had increased generally over these Islands and France. The highest reading lay over the extreme S^W. of Europe and the gradient from Biarritz to Hurst Castle was 0.07 in. per 50 miles. The wind was N^W in direction at all stations, except in the N. of Europe and was light or moderate in force, except over France where a hard gale was reported. Temperature had risen somewhat in the S^W. and over France but fallen elsewhere. The sky was cloudy or overcast with rain at all the S^W. stations.

JAN 18th A brisk fall of the barometer had set in in the N^W. of these Islands which had extended during the night to all our N^W. and N^E. stations. Elsewhere the mercury continued to rise and the gradient from Hurst Castle to Stornoway was 0.07 in. per 50 miles. The wind had backed to the S^W over the United Kingdom and North Sea but over France it remained N^W. In force it was light on our N^E. coast but moderate to fresh elsewhere. Temperature had fallen several degrees over Scandinavia and Denmark but had risen at all other stations. The sky was overcast and rain was falling in many places. By the afternoon the depression had passed on E^W and the mercury was rising in the N. the wind was again generally N^W and blew a gale at Rochefort.

JAN 19th A fresh fall of the barometer had taken place in the N. while in the S. the rise continued gradients thus became very steep over our Islands, that Plymouth to Donaghadee being 0.12 in. per 50 miles. Westerly to S^W winds prevailed generally, blowing fresh, except in the N. of Scotland and reaching the force of a moderate gale in some places. Temperature was very little changed and the sky was overcast at all stations. During the day the barometer continued to fall briskly in the N. and the decrease extended to all stations, while the wind backed to S^W over Ireland.

JAN 20th The barometer had fallen somewhat except in the extreme N. of Scotland, where a slight recovery had taken place, as the area of low pressure, noticed yesterday, moved on to Norway. The highest readings were still found in the S. and the gradient from Brest to Seith was 0.085 in. per 50 miles. Light N^E breezes were experienced in the N. of Scotland and S^W breezes over the Bay of Biscay, but N^W winds prevailed elsewhere, blowing fresh generally but as a moderate gale on the N^E. coast. Temperature was rather lower except on the

E² shores of the North Sea but the sky was again overcast or very cloudy. During the day the barometer rose slowly in the N. but fell elsewhere.

JAN^r 21ST — The barometer had risen somewhat over Scotland and Norway but had fallen elsewhere, especially in the SE. over which district a small depression had passed. The lowest pressure lay over Norway, but gradients were steepest over France that from Rochefort to Cape Gris Nez being 0.13 in per 50 miles. Fresh N² gales consequently prevailed over N² France and strong N² winds at all our S² stations. In the N² parts of our Islands the wind had veered to the N² but was moderate in force generally. Temperature had fallen several degrees in most places but risen slightly in the S. of France. The amount of cloud was very irregularly distributed, snow was falling at Wick and rain at Valencia but at many stations the sky was almost clear. By two p.m. a small depression had advanced to the mouth of the Bristol Channel and the wind had increased to a very hard N² gale at Scilly and Rochefort. During the afternoon this depression travelled E² over the S. of England.

JAN^r 22ND — The small depression noticed above had disappeared from our area and a brisk recovery of pressure had taken place except in the SW. of France. The lowest pressure lay over the E² shores of the North Sea and the gradient from Valencia to Ork was 0.05 in. per 50 miles. Moderate NW² winds prevailed over these Islands and France and N² winds over North Germany while in the Skager Rack fresh E² breezes were experienced. Temperature had risen somewhat in the N. of Scotland but had fallen elsewhere. The sky was overcast with snow, over Norway and Denmark but was generally clear elsewhere. The afternoon reports showed a slight fall of the mercury at Valencia and the wind rose to a fresh breeze in the Channel, in the night, accompanied by rain.

JAN^r 23RD — The barometer had risen at all the continental stations but the fall noticed at Valencia on the previous afternoon had extended briskly to all stations. A depression appeared to be advancing over Scotland from the N² but gradients were steepest in the SE. that from Paris to Hurst Castle being 0.09 in. while that from Hurst Castle to Donaghadee was 0.05 in per 50 miles. The wind was fresh from the N² in the SW. and over the Bay of Biscay but drew through S. on our E. coasts into ESE. at Stromway. Temperature had risen generally especially in the SW., but at the Scandinavian stations it had fallen and the thermometer at Haparanda marked -36° F. being 88° lower than at Scilly, a contrast of temperature which could not but give rise to a heavy gale. It is interesting to learn from the newspapers that in Melbourne on the same day the temperature in the shade was 112° F. showing a difference of no less than 148° between that place and Haparanda. The sky was overcast and snow and rain were falling in the E. During the day the barometer continued to fall over these Islands and the wind began to "back" to SW. —

Sunday 8 a.m.

WEATHER REPORT. January. 24th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disur- ance. 0 to 4. | |
|------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dirac. |
| Haparanda ... | 29.67 | -.07 | 37 | 37 | -1 | * | * | SE | 2 | 2 | N | * | 0.0 | * | * |
| Hernösand ... | 29.73 | -.03 | 38 | 38 | -16 | * | * | N | 2 | 0 | Z | * | 0.0 | * | * |
| Stockholm ... | 29.82 | +.20 | 21 | 21 | -10 | * | * | W | 1 | 1 | W | * | 0.0 | * | * |
| Wisby ... | | | | | | * | * | | | | | * | 0.0 | * | * |
| Christiansund ... | 29.60 | -.16 | 23 | 19 | +5 | 23 | 18 | ESE | 3 | 3 | ESE | * | 0.0 | — | 3 |
| Skudesnaes ... | 29.40 | -.29 | 27 | 24 | +10 | ? | 18 | ESE | 7 | 6 | ESE | * | 0.0 | — | 4 |
| Oxö (X'tiansand) ... | 29.60 | -.15 | 14 | 13 | +4 | 28 | 12 | NNE | 7 | 6 | NNE | * | 0.0 | — | 5 |
| Skagen (The Skaw) ... | 29.68 | -.09 | 15 | 14 | +1 | * | * | E | 6 | 4 | E | * | 0.0 | — | * |
| Fanö ... | 29.37 | -.36 | 32 | 32 | +4 | * | * | SE | 4 | 4 | S | * | 0.0 | 0.04 | * |
| Cuxhaven ... | 29.408 | -.40 | 39 | 39 | +8 | ? | 29 | S | 4 | 2 | SSW | 9 | 0.15 | 0.15 | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | ? |
| Stornoway (Hebrides) ... | 28.628 | -.63 | 37 | 36 | +1 | 40 | 32 | ESE | 6 | 6 | ESE | 10 | 0.38 | 0.38 | 3 |
| Thurso ... | 28.878 | -.63 | 38 | 37 | +4 | 39 | 30 | SE | 5 | 5 | SSE | 9 | 0.10 | 0.10 | 9 |
| Wick ... | 28.638 | -.82 | 41 | 41 | +6 | 41 | 36 | ESE | 9 | 9 | ESE | 10 | 0.18 | 0.18 | 6 |
| Nairn ... | 28.628 | -.76 | 36 | 35 | +4 | 39 | 30 | S | 1 | 1 | S | 10 | 0.02 | 0.02 | 2 |
| Aberdeen ... | 28.688 | -.79 | 42 | 40 | +6 | 42 | 30 | SE | 6 | 6 | SE | 10 | 0.24 | 0.24 | 4 |
| Leith ... | 28.698 | -.78 | 41 | 40 | +6 | 45 | 33 | WSW | 4 | 3 | SE | 10 | 0.11 | 0.11 | 3 |
| Shields ... | 28.808 | -.76 | 42 | 41 | +8 | 45 | 33 | WNW | 4 | 4 | SW | 7 | 0.22 | 0.22 | 4 |
| York ... | 28.978 | -.59 | 48 | 45 | +14 | 50 | 33 | SW | 3 | 3 | SW | 8 | 0.29 | 0.29 | 4 |
| Scarborough ... | 28.898 | -.67 | 43 | 42 | +10 | 48 | 33 | WSW | 5 | 3 | WSW | 4 | 0.18 | 0.18 | 3 |
| Nottingham ... | 29.038 | -.57 | 47 | 44 | +12 | 52 | 35 | WSW | 6 | 8 | WSW | 10 | 0.19 | 0.19 | 3 |
| Ardrossan ... | 28.688 | -.78 | 41 | 39 | +6 | 47 | 35 | WSW | 3 | 3 | ESE | 8 | 0.49 | 0.49 | 3 |
| Greencastle ... | 28.768 | -.63 | 38 | 37 | -2 | 43 | 38 | SW | 4 | 4 | SW | 2 | 0.25 | 0.25 | 3 |
| Donaghadee ... | 28.798 | -.59 | 38 | 38 | -2 | 43 | 37 | SSW | 4 | 6 | S | 2 | 0.15 | 0.15 | 3 |
| Kingstown ... | 28.688 | -.60 | 42 | 39 | -5 | 50 | 41 | WSW | 4 | 4 | WSW | 5 | 0.08 | 0.08 | 4 |
| Holyhead ... | 28.948 | -.53 | 48 | 40 | -4 | 50 | 42 | SSW | 3 | 7 | SSW | 6 | 0.25 | 0.25 | 4 |
| Liverpool (Bidston Obs.) ... | | | | | | | | | | | | | | | |
| Valencia ... | 29.108 | -.48 | 45 | 43 | -3 | 52 | 42 | WSW | 5 | 6 | WSW | 7 | 0.17 | 0.17 | 5 |
| Reche's Point ... | 28.908 | -.66 | 40 | 40 | -6 | 51 | 38 | WSW | 7 | 9 | SSW | 9 | 0.28 | 0.28 | 6 |
| Pembroke ... | 29.008 | -.57 | 47 | 44 | -2 | 50 | 33 | W | 7 | 10 | WSW | 10 | 0.53 | 0.53 | 7 |
| Portishead ... | 29.158 | -.44 | 43 | 42 | -5 | 53 | 41 | WSW | 6 | 8 | WSW | 10 | 0.49 | 0.49 | 7 |
| Scilly ... | 29.248 | -.57 | 49 | 46 | -3 | 53 | 44 | SW | 9 | 10 | W | 6 | 0.57 | 0.57 | 7 |
| Plymouth ... | 29.248 | -.46 | 46 | 44 | -4 | 53 | 45 | WSW | 6 | 8 | SW | 4 | 0.33 | 0.33 | 6 |
| Hurst Castle ... | 29.238 | -.43 | 45 | 45 | -3 | 50 | 44 | W | 6 | 10 | SSW | 10 | 0.27 | 0.27 | 6 |
| Dover ... | 29.288 | -.50 | 48 | 47 | +4 | 49 | 38 | SSW | 8 | 4 | SW | 10 | 0.42 | 0.42 | 6 |
| London ... | 29.188 | -.57 | 46 | 44 | +7 | 54 | 39 | WSW | 8 | 9 | SW | 10 | 0.13 | 0.13 | 6 |
| Oxford ... | 29.12 | -.50 | 44 | 43 | +4 | 52 | 40 | WSW | 4 | 7 | SW | 10 | 0.29 | 0.29 | 6 |
| Cambridge ... | 29.068 | -.62 | 50 | 48 | +15 | 50 | 34 | SW | 5 | 5 | SW | 10 | 0.04 | 0.04 | 5 |
| Yarmouth ... | 29.148 | -.60 | 45 | 45 | +10 | 49 | 35 | SSW | 7 | 7 | SSW | 10 | 0.05 | 0.05 | 5 |
| Helder ... | | | | | | | | | | | | | | | |
| Cape Gris Nez ... | | | | | | | | | | | | | | | |
| Brest ... | 29.498 | -.46 | 49 | 47 | -3 | 53 | 45 | SW | 8 | 11 | SW | 10 | 0.24 | 0.24 | 7 |
| L'Orient ... | 29.548 | -.39 | 47 | 45 | -4 | ? | ? | W | 8 | 9 | W | 10 | 0.12 | 0.12 | 7 |
| Rocheport ... | 29.828 | -.28 | 52 | 48 | +1 | 55 | 44 | SW | 9 | 9 | SW | 10 | 0.1 | 0.1 | 5 |
| Biarritz ... | 29.908 | | 53 | 48 | | ? | 46 | S | 7 | 7 | W | 8 | 0 | 0 | 4 |
| Corunna ... | | | 53 | * | | * | * | SW | 6 | * | * | * | 0 | 0 | * |
| Brussels ... | 29.52 | -.43 | 50 | * | +13 | * | * | SW | 6 | * | * | * | 0 | 0 | * |
| Charleville ... | 29.71 | -.36 | 47 | * | +14 | * | * | S | 1 | * | * | * | 0 | 0 | * |
| Paris ... | 29.658 | -.37 | 49 | * | +13 | 57 | 47 | SSW | 8 | 7 | SW | 10 | 0.08 | 0.08 | * |
| Lyons ... | 29.? | ? | 43 | * | +2 | * | * | SE | 3 | * | * | * | 0 | 0 | 3 |
| Toulon ... | 30.208 | +.07 | 46 | 44 | +11 | 47 | 34 | W | 1 | 5 | W | 2 | 0.0 | 0.0 | |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|----|------|------|-----|
| Skudesnaes ... | 29.67 | 23 | 21 | ESE | 4 | * | e | 2 | Valencia ... | 29.48 | 47 | 44 | SW | 3 | 5 | 2.6 |
| Thurso ... | 29.25 | 36 | 35 | SSE | 4 | 8 | 0 | 3 | Scilly ... | 29.60 | 53 | 52 | SW | 6 | 10 | df |
| Scarborough... | 29.46 | 36 | 36 | WSW | 3 | 9 | f | 3 | London ... | 29.62 | 52 | 50 | W | 3 | 9 | 0 |
| Greencastle ... | 29.40 | 42 | 42 | WSW | 3 | 10 | 5 | * | Rocheport... | 30.11 | 54 | 50 | W | 8 | 10 | 0 |
| Holyhead ... | 29.50 | 48 | 47 | SW | 3 | 7 | sw | 3 | | | | | | | | |

Pressure is changing very irregularly, on our NW coasts and at Rocheport it has risen slightly but elsewhere it has decreased, especially at Valencia and from. The wind is backing and blowing in our SW coasts, and the sea is still rough at Scilly. The weather is not at all settled. Warnings issued to our W. & SW coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

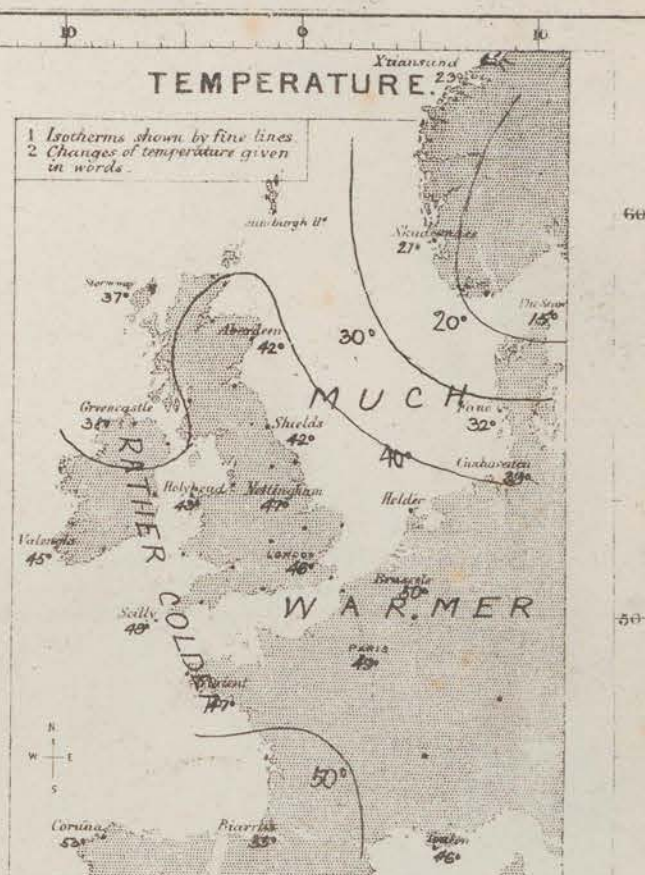
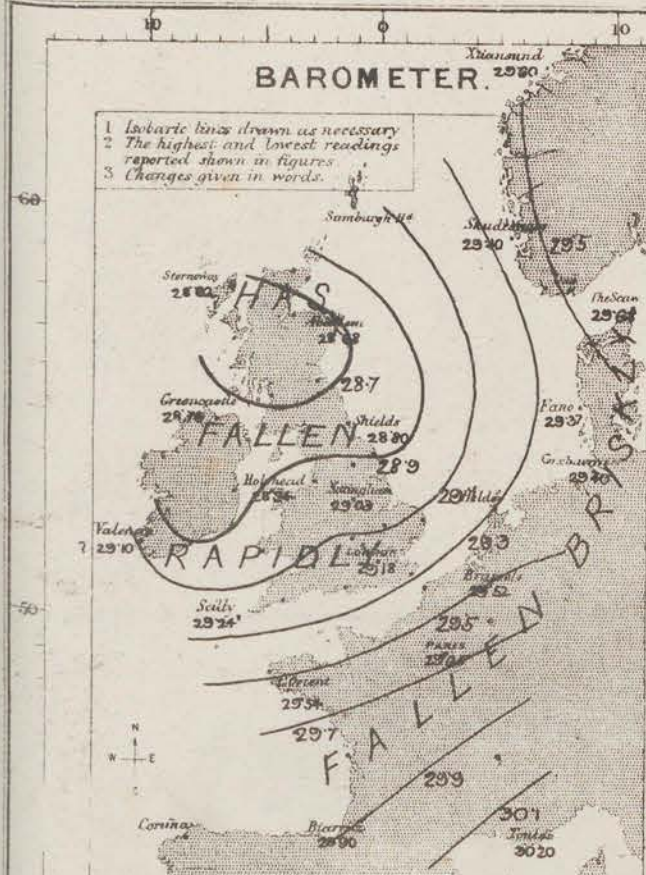
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS

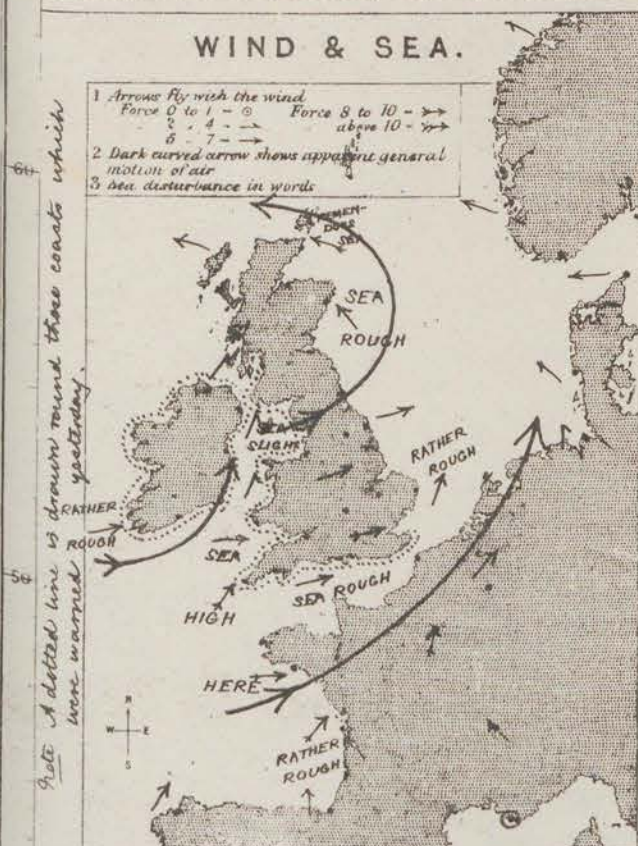
AND REMARKS FOR

SUNDAY 24TH JANUARY 1875 AT 8 A.M.

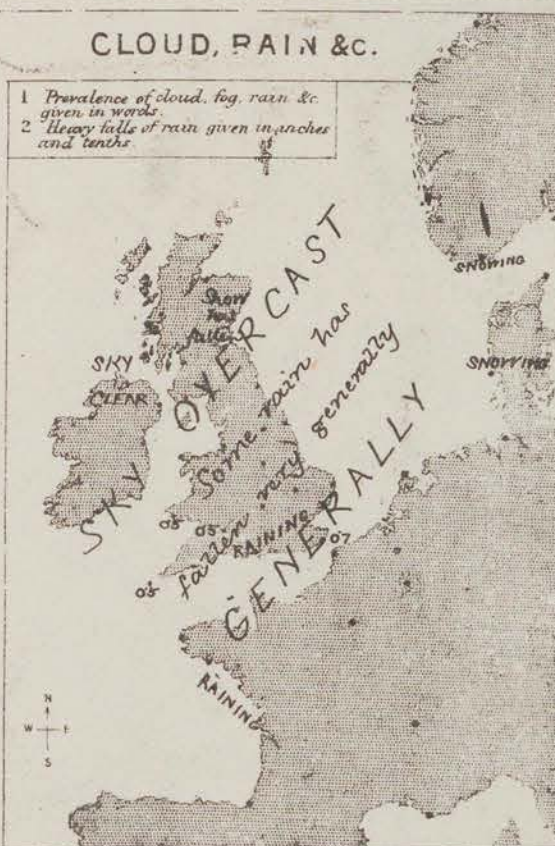


The changes in barometrical pressure during yesterday were very irregular but since last evening a rapid fall has occurred on all our coasts. A large and deep depression has advanced over Scotland from the NW and the gradient from Skidness to Aberdeen is 0.15 in per 50 miles for SE winds, while that from Selly to Roches Pt is 0.11 in for WSW winds.

Temperature has fallen a little on our western and south-western coasts but risen several degrees in the east.



The wind rose to a strong gale from W or SW on all our southern coasts and over France last night. This has now moderated at most of our stations but continues on the French coasts. In the north of Scotland and west of Norway the wind draws round to SE and is fresh to strong in force with a gale at Wick. There is a tremendous squalling at Wick and a high sea on our SW coasts, while in the Channel it is very rough.



Rain has been general and still continues at our southern stations. The sky is overcast excepting at some of the north western stations and the weather is very unsettled. Warnings were issued to our west and south coasts yesterday.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter
by post 3/- per quarter.

Meteorological Office
116, Victoria Str^{et}, Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden.

Mon-day 8 a.m.

WEATHER REPORT.

January 25th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 2. |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. (0 to 12.) | Force. (0 to 12.) | Direc. | | | | |
| Haparanda ... | | | | | | * | * | | | | | * | | * | * |
| Hernösand ... | | | | | | * | * | | | | | * | | * | * |
| Stockholm ... | | | | | | * | * | | | | | * | | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund... | 29.27 | -33 | 23 | 19 | 0 | 27 | ? | E | 4 | 7 | E | * | br | - | 3 |
| Skudesnaes ... | 29.06 | -34 | 26 | 22 | -1 | 27 | 25 | NE | 6 | 8 | E | * | so | - | 4 |
| Oxö (X'tiansand) | 29.02 | -58 | 18 | 17 | +4 | ? | ? | NNE | 6 | 9 | NNE | * | so | - | 4 |
| Skagen (The Skaw) | 28.96 | -72 | 30 | 29 | +15 | * | * | N | 2 | 10 | E | * | so | 0.35 | * |
| Fanö ... | 28.91 | -46 | 39 | 38 | +7 | * | * | WSW | 6 | 6 | SW | * | re | 0.91 | * |
| Cuxhaven ... | 29.10f | -30 | 40 | 40 | +1 | 47 | ? | WSW | 5 | 7 | WSW | 7 | tr | 0.31 | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.16r | +54 | 38 | 36 | +1 | 38 | 35 | ENE | 7 | 7 | ENE | 10 | rq | 0.05 | 7 |
| Thurso... | 29.19r | +38 | 36 | 34 | -2 | 40 | 34 | NE | 5 | 7 | ESE | 9 | req | 0.82 | 4 |
| Wick ... | 29.20r | +57 | 36 | 34 | -5 | 41 | 34 | NE | 5 | 9 | ESE | 8 | o | 0.21 | 6 |
| Nairn ... | 29.14r | +50 | 36 | 34 | 0 | 40 | 29 | E | 3 | 8 | S | 10 | cr | 0.07 | 3 |
| Aberdeen ... | 29.02r | +34 | 36 | 34 | -6 | 43 | 31 | SW | 3 | 6 | SE | 9 | co | 0.23 | 4 |
| Leith ... | 29.08r | +39 | 35 | 35 | -6 | 45 | 34 | N | 3 | 3 | WSW | 7 | e | - | * |
| Shields... | 29.01r | +21 | 37 | 36 | -5 | 43 | 36 | NNN | 3 | 6 | N | 6 | e | - | 2 |
| York ... | 29.06r | +09 | 39 | 37 | -9 | 48 | 38 | NN | 1 | 2 | NN | 3 | e | 0.04 | * |
| Scarborough ... | 29.03r | +14 | 39 | 38 | -4 | 45 | 38 | NNN | 3 | 4 | WSW | 9 | co | 0.06 | 3 |
| Nottingham ... | 29.13r | +10 | 40 | 38 | -7 | 49 | 38 | N | 3 | 9 | SSW | 9 | pf | 0.12 | * |
| Ardrossan ... | 29.10r | +42 | 38 | 36 | -3 | 45 | 36 | NN | 1 | 3 | ESE | 4 | e | 0.14 | 0 |
| Greencastle ... | 29.16r | +40 | 37 | 36 | -1 | 40 | 36 | NNN | 1 | 4 | SW | 6 | e | 0.19 | * |
| Donaghadee ... | 29.12r | +33 | 35 | 34 | -3 | 44 | 34 | WSW | 4 | 6 | SW | 3 | so | 0.07 | 3 |
| Kingstown ... | 29.20r | +32 | 41 | 40 | -1 | 47 | 39 | N | 5 | 8 | NNN | 9 | cr | 0.13 | 3 |
| Holyhead ... | 29.15r | +21 | 43 | 41 | 0 | 47 | 40 | NNN | 4 | 7 | N | 6 | tho | 0.38 | 4 |
| Liverpool (Bidston Obs.) | 29.11r | | 41 | 40 | | 46 | 38 | N | 5 | 7 | WSW | 10 | cr | 0.27 | 4 |
| Valencia ... | 29.49r | +39 | 48 | 45 | +3 | 52 | 43 | NN | 9 | 11 | NN | 6 | tlp | 0.06 | 9 |
| Roche's Point... | 29.38r | +48 | 45 | 44 | +5 | 48 | 40 | NNN | 5 | 10 | N | 3 | hlp | 0.02 | 4 |
| Pembroke ... | 29.25r | +25 | 48 | 45 | +1 | 48 | 43 | NNN | 9 | 11 | N | 8 | lq | 0.14 | 3 |
| Portishead ... | 29.24r | +09 | 44 | 43 | +1 | 57 | 39 | WSW | 7 | 9 | N | 7 | ltq | 0.19 | 6 |
| Scilly ... | 29.54r | +30 | 49 | 46 | 0 | 51 | 39 | N | 10 | 11 | WSW | 8 | lhw | 0.14 | 8 |
| Plymouth ... | 29.44r | +20 | 46 | 44 | 0 | 50 | 41 | WSW | 8 | 9 | SW | 10 | lhw | 0.18 | * |
| Hurst Castle ... | 29.31r | +08 | 47 | 44 | +2 | 50 | 39 | N | 8 | 8 | WSW | 3 | hly | 0.15 | 7 |
| Dover ... | 29.23r | +05 | 45 | 43 | -3 | 49 | 40 | WSW | 5 | 8 | WSW | 5 | lhw | 0.20 | 5 |
| London ... | 29.23r | +05 | 42 | 41 | -4 | 51 | 40 | N | 7 | 9 | WSW | 10 | qlr | 0.55 | * |
| Oxford... | 29.20 | +08 | 41 | 40 | -3 | 49 | 40 | N | 5 | 9 | SW | 10 | plw | 0.31 | * |
| Cambridge ... | 29.14r | +08 | 42 | 40 | -3 | 50 | 39 | SW | 4 | 6 | SW | 8 | go | 0.10 | 4 |
| Yarmouth ... | 29.07r | +07 | 40 | 39 | -5 | 48 | 39 | N | 6 | 8 | SSW | 7 | rgo | 0.08 | 4 |
| Helder... | 29.06 | | 43 | * | | * | * | SW | 7 | * | * | * | * | * | 8 |
| Cape Gris Nez... | 29.25f | | 47 | 45 | | 48 | 44 | N | 11 | 11 | N | 8 | to | 0.35 | 6 |
| Brest ... | 29.68r | +19 | 50 | 50 | +1 | 53 | 42 | NNN | 7 | 11 | NNN | 10 | ro | 0.16 | * |
| L'Orient ... | | | | | | | | | | | | | | | * |
| Rochefort ... | 29.86f | +04 | 50 | 43 | -2 | 56 | 44 | N | 9 | 12 | WSW | 10 | r | 0.59 | 7 |
| Biarritz ... | 30.10r | +20 | 52 | 47 | -3 | 54 | 46 | WSW | 7 | 7 | S | 9 | ro | 0.12 | 7 |
| Corunna ... | | | | * | | * | * | | | | * | * | * | * | * |
| Brussels ... | 29.34 | -18 | 43 | * | -7 | * | * | WSW | 6 | * | * | * | ro | * | * |
| Charleville ... | ? 29.57 | -14 | 42 | * | -5 | * | * | SW | 3 | * | * | * | e | * | * |
| Paris ... | 29.62r | +03 | 44 | * | -5 | 50 | 43 | SW | 4 | 9 | SW | 1 | re | 0.12 | * |
| Lyons ... | ? | ? | 43 | * | 0 | * | * | SW | 3 | * | * | * | o | * | * |
| Toulon... | 30.10r | -70 | 46 | 41 | 0 | 53 | 45 | NN | 4 | 4 | N | 8 | o | - | 4 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | C. | Wes. | Sen. | Bar. | Dry. | Wet. | Wind. | C. | Wes. |
|-----------------|------|------|-------|----|------|------|---------------|-------|------|-------|----|------|
| Skudesnaes ... | | | | * | | | Valencia ... | | | | | |
| Thurso ... | | | | | | | Scilly ... | | | | | |
| Scarborough ... | | | | | | | London ... | | | | | |
| Greencastle ... | | | | * | | | Rochefort ... | 29.87 | 54 | 47 | SW | 11 |
| Holyhead ... | | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

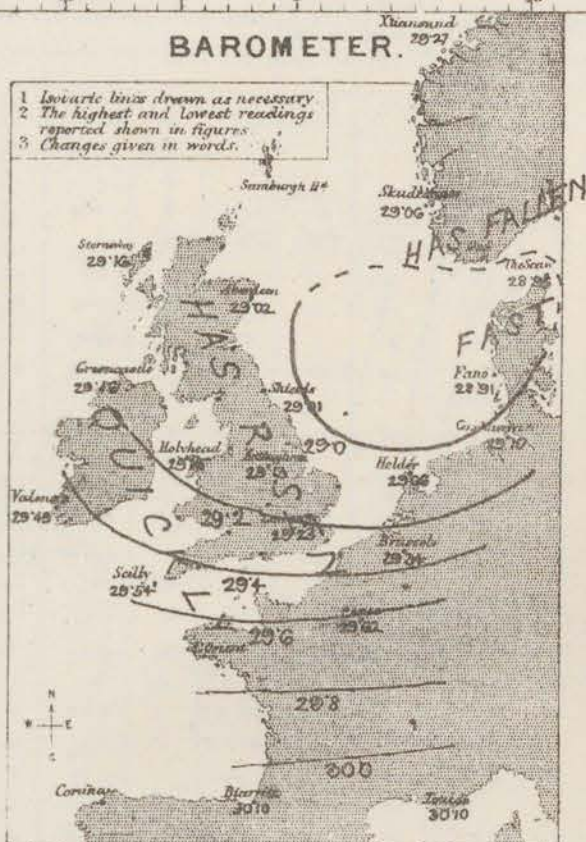
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS
AND REMARKS FOR
MONDAY 25TH JANUARY 1875 AT 8 A.M.



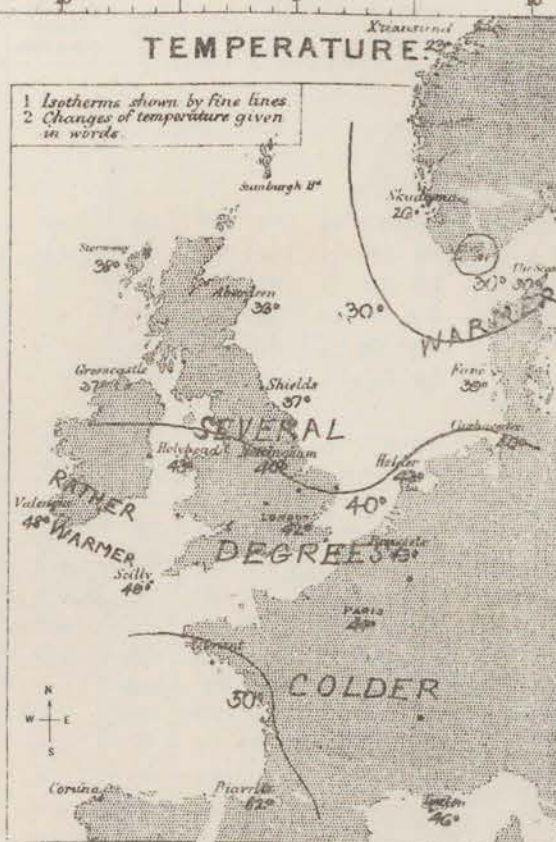
- 1 Isotactic bins drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words. 94



The changes in barometrical pressure since yesterday have continued to be sudden and numerous but not very large. The centre of a large depression now lies over the North Sea, and the gradient from Sibley to Pembroke is 0.15 in., while that from Pembroke to Stabro is 0.05 in. per 50 miles for NW winds.

TEMPERATURE

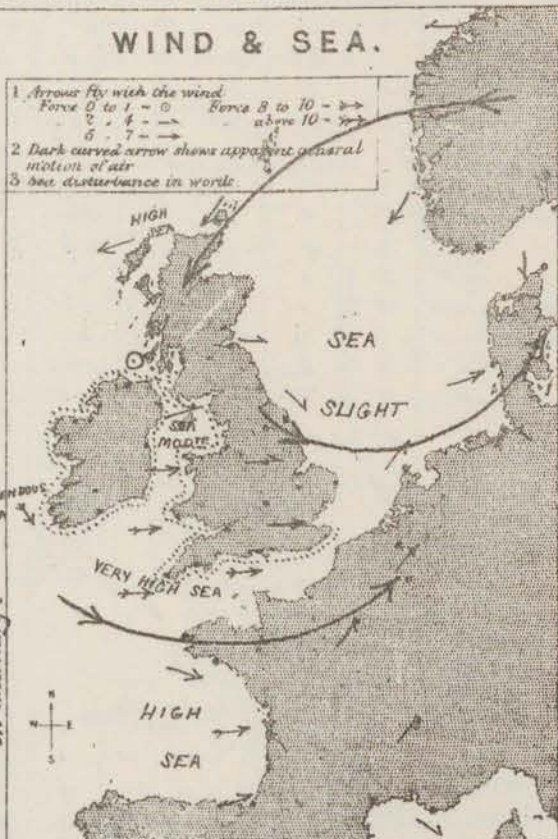
- 1 Isotherms shown by fine lines
2 Changes of temperature given in words



Temperature has fallen somewhat in most places.

WIND & SEA.

1. Arrows fly with the wind
Force 0 to 1 - \rightarrow Force 8 to 10 - \rightarrow
2. 2, 4 - \rightarrow above 10 - \rightarrow
3. 6, 7 - \rightarrow
2. Dark curved arrow shows apparent general motion of air
3. See disturbance in words.



Note A dotted line is drawn round those coasts which were warned on Saturday.

Hard SW to W gales have again prevailed on our west and south coasts as well as over Central England. These have now subsided in most places, but at our south-western stations the wind has veered to W or NW, and still blows hard. In Scotland E winds prevail, and attain the force of a moderate gale at Stormy. There is an exceedingly heavy sea running off our south-west coast, and a high sea in the Channel.

CLOUD, RAIN &C.

- 1 Prevalence of cloud, fog, rain &c.
given in words.
- 2 Heavy falls of rain given in inches
and tenths.



Rain has prevailed in all places with a great deal of hail and lightning in the west and south. The weather remains extremely unsettled generally.

Warnings were issued to our west and south coasts on Saturday and extended to our north and north-east coasts this morning.

Subscriptions for these Charts payable in advance
to cover delivery.
Delivery by hand 10/- per quarter
" book post 5/- per quarter.

Meteorological Office
116, Victoria Str. Westminister, S.W.
ROBERT H. SCOTT, Director

Dangerfield, Lith. 22, Bedford St. Covent Garden

Tues-day 8 a.m.

WEATHER REPORT.

January 26th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. — By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Distur- ance. 0 to 9. |
|------------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|---|--|------------------------------------|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | Dirac. | | | | |
| Haparanda ... | | | | | | * | * | | | | | * | | * | * |
| Hernösand ... | | | | | | * | * | | | | | * | | * | * |
| Stockholm ... | | | | | | * | * | | | | | * | | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | 29.93 | + .66 | 29 | 28 | +6 | ? | 19 | NNW | 2 | 3 | ESE | * | bs | — | 4 |
| Skudesnaes ... | 29.99 | + .93 | 22 | 20 | -4 | 26 | ? | N | 4 | 2 | ENE | * | b | — | 2 |
| Oxö (Christiansund) ... | 29.82 | + .80 | 23 | 21 | +5 | ? | ? | N | 4 | 4 | NNE | * | b | — | 3 |
| Skagen (The Skaw) ... | 29.68 | + .72 | 19 | 19 | -11 | * | * | NE | 10 | 10 | NE | * | os | 0.08 | * |
| Fanö ... | 29.73 | + .82 | 27 | 25 | -12 | * | * | N | 6 | 6 | N | * | bc | — | * |
| Cuxhaven ... | 29.69 | + .59 | 33 | 33 | -7 | 41 | ? | N | 7 | 6 | NW | 5 | ov | 0.07 | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hobbes) ... | 29.87 | + .71 | 35 | 33 | -3 | 38 | 30 | SSE | 5 | 7 | ENE | 8 | sow | 0.04 | 6 |
| Thurso ... | 29.99 | + .80 | 30 | 29 | -6 | 38 | 26 | S | 1 | 6 | NNE | 7 | cm | 0.01 | 2 |
| Wick ... | 30.01 | + .81 | 37 | 34 | +1 | 37 | 32 | S | 3 | 5 | NN | 4 | c | 0.04 | 5 |
| Nairn ... | 30.01 | + .87 | 28 | 28 | -8 | 38 | 27 | S | 0 | 3 | ESE | 8 | co | 0.02 | 4 |
| Aberdeen ... | 30.05 | + 1.03 | 29 | 29 | -7 | 38 | 28 | S | 0 | 3 | N | 2 | ofb | — | 3 |
| Leith ... | 30.08 | + 1.00 | 31 | 31 | -4 | 44 | 28 | S | 2 | 4 | NE | 5 | c | — | * |
| Shields ... | 30.09 | + 1.08 | 35 | 32 | -2 | 42 | 33 | NNN | 1 | 4 | N | 3 | cq | — | 5 |
| York ... | 30.11 | + 1.05 | 33 | 32 | -6 | 45 | 32 | NNN | 1 | 1 | NN | 6 | bc | — | * |
| Scarborough ... | 30.10 | + 1.07 | 38 | 35 | -1 | 42 | 38 | NE | 3 | 5 | NNN | 10 | o | 0.02 | 3 |
| Nottingham ... | 30.11 | + .98 | 35 | 33 | -5 | 47 | 33 | N | 1 | 4 | NNN | 7 | cm | 0.10 | 1 |
| Ardrossan ... | 30.05 | + .95 | 34 | 31 | -4 | 44 | 34 | E | 2 | 3 | ENE | 5 | en | 0.08 | * |
| Greencastle ... | 29.95 | + .79 | 39 | 37 | +2 | 43 | 36 | SSE | 5 | 5 | SSE | 10 | cq | 0.04 | 4 |
| Donaghadee ... | 29.99 | + .87 | 40 | 38 | +5 | 44 | 35 | SSE | 5 | 5 | SSE | 8 | c | 0.01 | 1 |
| Kingstown ... | 30.03 | + .83 | 40 | 39 | -1 | 46 | 40 | S | 3 | 5 | NNN | 8 | cm | 0.03 | 2 |
| Holyhead ... | 30.02 | + .87 | 41 | 40 | -2 | 46 | 40 | ENE | 2 | 4 | NNN | 6 | bm | — | 2 |
| Liverpool (Bidston Obs.) ... | 30.07 | + .96 | 38 | 36 | -3 | 45 | 37 | E | 2 | 6 | N | 10 | cm | 0.11 | 6 |
| Valencia ... | 29.94 | + .45 | 51 | 50 | +3 | 52 | 47 | NNN | 4 | 4 | NN | 7 | bc | 0.05 | 4 |
| Roche's Point ... | 29.99 | + .61 | 47 | 47 | +2 | 49 | 41 | NN | 4 | 6 | NNN | 10 | efm | 0.13 | 2 |
| Pembroke ... | 30.07 | + .82 | 44 | 42 | -4 | 49 | 43 | S | 0 | 9 | NNN | 8 | cm | 0.10 | 2 |
| Portishead ... | 30.07 | + .83 | 40 | 39 | -4 | 47 | 38 | N | 3 | 7 | N | 8 | qfg | 0.11 | 6 |
| Scilly ... | 30.12 | + .58 | 49 | 49 | 0 | 51 | 46 | SSW | 3 | 10 | N | 8 | o | 0.01 | * |
| Plymouth ... | 30.11 | + .67 | 39 | 38 | -7 | 52 | 37 | N | 1 | 8 | NNN | 0 | qf | — | 4 |
| Hurst Castle ... | 30.09 | + .78 | 42 | 41 | -5 | 50 | 39 | NN | 3 | 8 | N | 8 | qo | 0.09 | 3 |
| Dover ... | 30.07 | + .84 | 39 | 37 | -6 | 47 | 37 | NNN | 3 | 4 | NNN | 5 | blg | 0.12 | * |
| London ... | 30.09 | + .86 | 39 | 38 | -3 | 48 | 34 | NNN | 1 | 3 | N | 10 | rbg | 0.26 | * |
| Oxford ... | 30.08 | + .88 | 38 | 37 | -3 | 45 | 38 | N | 1 | 5 | N | 10 | og | 0.22 | * |
| Cambridge ... | 30.09 | + .95 | 36 | 35 | -6 | 45 | 34 | NN | 1 | 3 | N | 10 | co | — | 3 |
| Yarmouth ... | 30.04 | + .97 | 35 | 35 | -5 | 44 | 34 | NN | 2 | 5 | NNN | 7 | ef | 0.02 | 4 |
| Helder ... | 29.88 | + .82 | ? | * | ? | * | * | NN | 6 | * | * | * | * | * | 2 |
| Cape Gris Nez ... | 30.02 | + .77 | 41 | 39 | -6 | 50 | 40 | NNN | 3 | 11 | N | 3 | sb | 0.04 | 5 |
| Brest ... | 30.17 | + .49 | 49 | 49 | -1 | 53 | 47 | NN | 1 | 7 | NNN | 10 | o | — | 5 |
| L'Orient ... | ? | ? | 47 | 47 | ? | ? | ? | S | 0 | 8 | NNN | 6 | sm | 0.04 | 7 |
| Rocheport ... | 30.21 | + .35 | 52 | 50 | +2 | 56 | 47 | NNN | 8 | 9 | NNN | 10 | or | 0.63 | 6 |
| Biarritz ... | 30.34 | + .24 | 54 | 52 | +2 | 55 | 51 | N | 4 | 8 | NN | 10 | or | 0.16 | * |
| Corunna ... | | | | | | * | * | | | | * | * | * | * | * |
| Brussels ... | 29.96 | + .62 | 40 | * | -3 | * | * | N | 3 | * | * | * | ro | * | * |
| Charleville ... | 30.01 | + .44 | 26 | * | -6 | * | * | N | 1 | * | * | * | b | * | * |
| Paris ... | 30.10 | + .48 | 43 | * | -1 | 50 | 43 | N | 4 | 8 | NNN | 3 | c | 0.04 | * |
| Lyons ... | ? | ? | 50 | * | +7 | * | * | N | ? | * | * | * | b | * | 5 |
| Toulon ... | 30.03 | + .07 | 48 | 43 | +2 | 53 | 46 | N | 5 | 7 | NN | 8 | o | — | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | W. | S. | | Bar. | Dry. | Wet. | Wind. | C. | W. | S. |
|-----------------|-------|------|------|-------|----|----|----|---|---------------|-------|------|-------|-----|----|----|
| Skudesnaes ... | 29.26 | 22 | 20 | NNE | 2 | * | 6 | 3 | Valencia ... | 29.71 | 48 | 43 | NN | 4 | 6 |
| Thurso ... | 29.50 | 37 | 35 | NNE | 6 | 6 | 6 | 5 | Scilly ... | 29.74 | 51 | 49 | NN | 9 | 7 |
| Scarborough ... | 29.32 | 41 | 40 | NNN | 5 | 10 | 5 | 5 | London ... | 29.43 | 46 | 43 | NNN | 3 | 4 |
| Greencastle ... | 29.39 | 43 | 42 | NNN | 4 | 7 | 2 | * | Rocheport ... | 29.95 | 52 | 48 | NNN | 9 | 10 |
| Holyhead ... | 29.45 | 45 | 43 | NNN | 4 | 1 | 6 | 3 | | | | | | | |

The barometer has risen everywhere, especially in the N. and NE. The winds reported vary very much in direction that as being appearing doubtful and the weather continues in an unsettled state.

EXPLANATION OF COLUMNS.

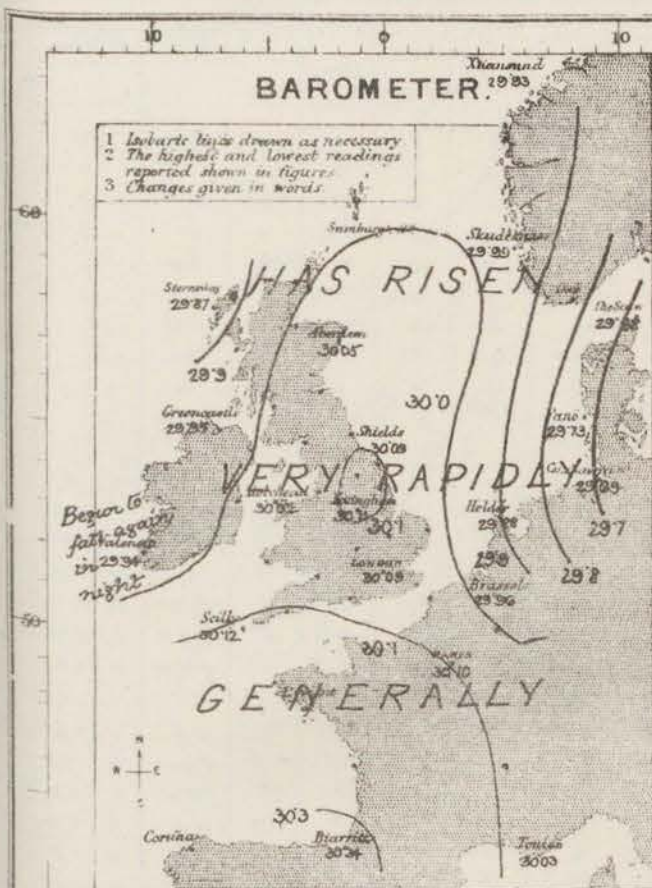
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

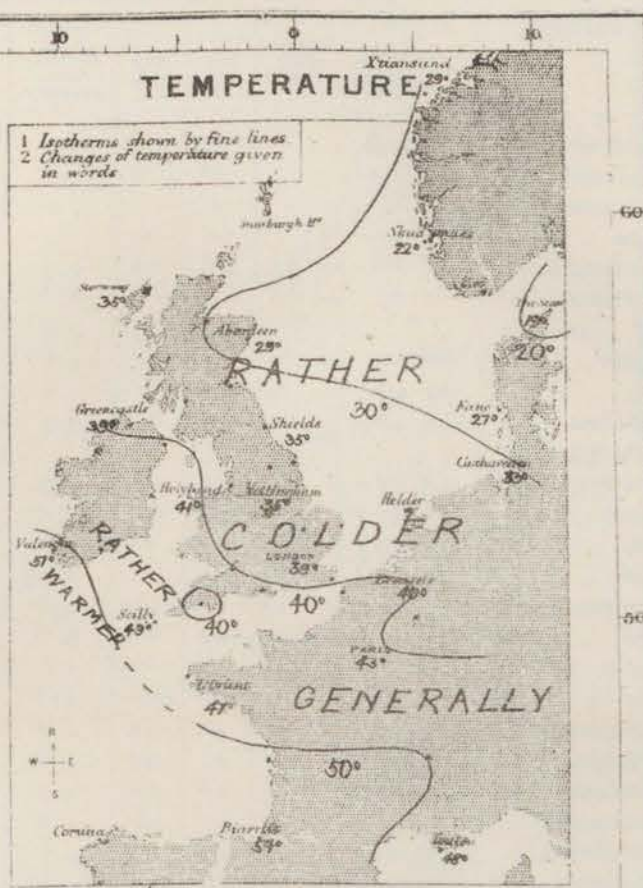
WEATHER CHARTS

AND REMARKS FOR

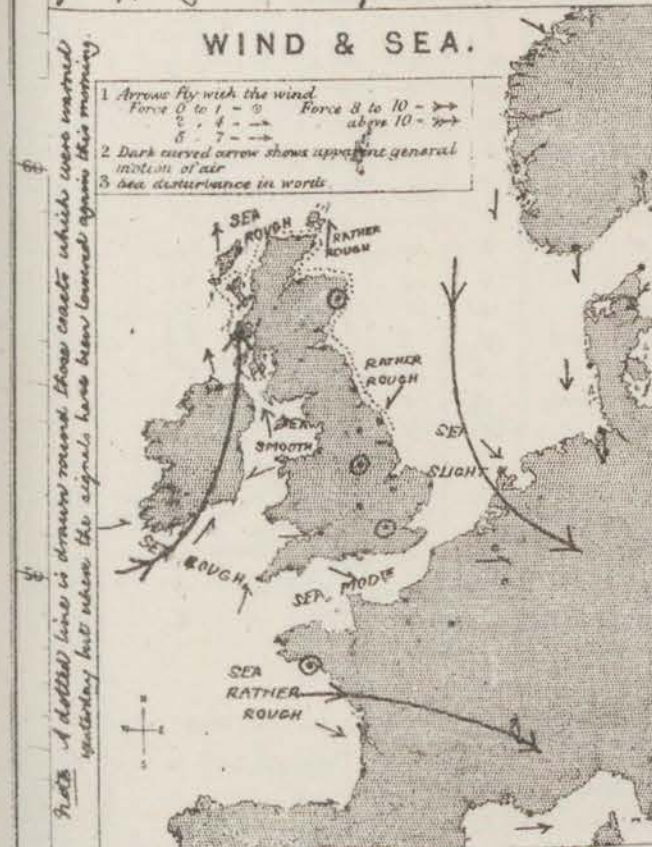
TUESDAY 26TH JANUARY 1875 AT 8 A.M.



A very rapid and general rise of the barometer has taken place over Western Europe since yesterday morning, amounting to more than an inch in the north-east of England; but during the night the mercury has begun to fall a little at Valparaiso. Readings are very uniform over S. Britain, but steep gradients for N. winds prevail over the eastern parts of the North Sea, while gradients for S. winds are again appearing in the west of the British Isles.



Temperatures have decreased except in Ireland - most in Denmark where it is now lowest (The Swedish reports are not in).



Wednesday 8 a.m.

WEATHER REPORT.

January 27th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (in shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 9. | |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dir. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dir. |
| Haparanda ... | 30.04 | | 4 | 4 | | * | * | S | 6 | 2 | S | * | bc | * | * |
| Hernösand ... | 30.30 | | -13 | -13 | | * | * | N | 2 | 0 | Z | * | ao | * | * |
| Stockholm ... | 30.36 | | 0 | -1 | | * | * | N | 1 | 4 | N | * | af | * | * |
| Wisby ... | 30.34 | | 20 | 19 | | * | * | E | 4 | 6 | NE | * | b | * | * |
| Christiansund ... | 29.66 | -27 | 38 | 32 | +9 | ? | 28 | SSE | 3 | 3 | S | * | bo | - | 4 |
| Skudesnaes ... | 30.07 | +08 | 32 | 32 | +10 | ? | 21 | SSE | 9 | 4 | ESE | * | cs | - | 7 |
| Oxö (X'tiansand) | ? | ? | 32 | 30 | +9 | 32 | 21 | S | 6 | 2 | NNN | * | bo | - | 4 |
| Skagen (The Skaw) | 30.37 | +69 | 27 | 27 | +8 | * | * | SSW | 4 | 2 | NE | * | bc | - | * |
| Fanö ... | 30.40 | +70 | 25 | 25 | -2 | * | * | S | 4 | 0 | Z | * | c | - | * |
| Cuxhaven ... | 30.48 | +79 | 24 | 21 | -9 | ? | 23 | SSW | 1 | 8 | NNE | 4 | cb | - | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.58 | -29 | 47 | 47 | +12 | 49 | 35 | SSW | 7 | 9 | S | 10 | rw | 0.48 | 7 |
| Thurso ... | 29.67 | -32 | 43 | 42 | +13 | 47 | 29 | S | 2 | 7 | S | 9 | gg | 0.25 | 3 |
| Wick ... | 29.79 | -22 | 45 | 43 | +8 | 45 | 32 | S | 2 | 10 | ?ESE | 7 | so | 0.47 | 6 |
| Nairn ... | 29.72 | -29 | 47 | 44 | +19 | 48 | 28 | WSW | 3 | 5 | WSW | 7 | c | 0.04 | 2 |
| Aberdeen ... | 29.80 | -25 | 45 | 43 | +16 | 46 | 29 | SSW | 4 | 9 | S | 8 | go | 0.11 | 4 |
| Leith ... | 29.91 | -17 | 49 | 48 | +18 | 53 | 30 | SW | 3 | 8 | SW | 8 | sgo | 0.07 | * |
| Shields ... | 30.01 | -08 | 42 | 40 | +7 | 42 | 35 | WSW | 3 | 5 | S | 6 | psa | 0.06 | 4 |
| York ... | 30.11 | -00 | 46 | 44 | +13 | 47 | 32 | S | 1 | 2 | S | 10 | do | 0.12 | * |
| Scarborough ... | 30.10 | -00 | 43 | 43 | +5 | 44 | 35 | SW | 2 | 2 | E | 10 | of | 0.06 | 3 |
| Nottingham ... | 30.17 | +06 | 47 | 47 | +12 | ? | 35 | SSE | 3 | 4 | SE | 10 | rm | 0.12 | 3 |
| Ardrossan ... | 29.87 | -18 | 48 | 46 | +14 | 49 | 34 | SSW | 3 | 5 | ESE | 8 | so | 0.40 | * |
| Greencastle ... | 29.80 | -15 | 47 | 46 | +8 | 47 | 39 | SSW | 4 | 6 | S | 10 | rg | 0.34 | * |
| Donaghadee ... | 29.86 | -13 | 47 | 46 | +7 | 49 | 39 | S | 6 | 6 | S | 10 | o | 0.18 | 5 |
| Kingstown ... | 29.92 | -11 | 49 | 48 | +9 | 53 | 40 | S | 3 | 4 | S | 9 | o | 0.01 | 2 |
| Holyhead ... | 29.99 | -03 | 48 | 43 | +7 | 50 | 40 | SSW | 5 | 4 | S | 10 | rgw | 0.04 | 4 |
| Liverpool (Bidston Obs.) | 30.05 | -02 | 47 | 46 | +9 | 48 | 37 | SE | 3 | 5 | SE | 10 | o | 0.06 | 3 |
| Valencia ... | 29.79 | -15 | 50 | 50 | -1 | 55 | 49 | SW | 6 | 7 | SW | 9 | r | 0.50 | 6 |
| Roche's Point... | 29.88 | -11 | 49 | 49 | +2 | 52 | 47 | SW | 6 | 6 | SW | 10 | fm | 0.07 | 5 |
| Pembroke ... | 30.05 | -02 | 48 | 47 | +4 | 49 | 43 | S | 4 | 4 | S | 10 | f | 0.06 | 4 |
| Portishead ... | 30.14 | +07 | 50 | 49 | +10 | 51 | 38 | SSW | 4 | 5 | WSW | 10 | o | 0.01 | 3 |
| Scilly ... | 30.07 | -05 | 50 | 50 | +1 | 52 | 48 | S | 6 | 6 | S | 10 | fm | 0.04 | 5 |
| Plymouth ... | 30.18 | +06 | 48 | 48 | +9 | 50 | 39 | SSE | 3 | 3 | SSE | 10 | fg | 0.04 | * |
| Hurst Castle ... | 30.22 | +13 | 46 | 46 | +4 | 48 | 40 | S | 4 | 4 | S | 10 | o | 0.01 | 4 |
| Dover ... | 30.30 | +23 | 43 | 42 | +4 | 44 | 37 | SSW | 4 | 3 | N | 5 | c | 0.01 | 4 |
| London ... | 30.24 | +15 | 46 | 45 | +7 | 47 | 37 | S | 3 | 1 | N | 10 | gdo | 0.02 | * |
| Oxford... | 30.19 | +11 | 47 | 47 | +9 | 47 | 38 | S | 1 | 2 | SE | 10 | uf | 0.03 | * |
| Cambridge ... | 30.23 | +14 | 43 | 43 | +7 | 43 | 34 | S | 1 | 1 | N | 10 | o | 0.02 | * |
| Yarmouth ... | 30.27 | +23 | 41 | 41 | +6 | 42 | 35 | S | 3 | 5 | SSE | 7 | bm | - | 4 |
| Helder... | 30.39 | +31 | 32 | * | ? | * | * | SE | 4 | * | * | * | * | * | 2 |
| Cape Gris Nez... | 30.28 | +26 | 40 | 38 | -1 | 44 | 38 | S | 4 | 3 | N | 4 | c | - | 2 |
| Brest ... | 30.15 | -02 | 49 | 49 | 0 | 53 | 45 | SSE | 7 | 7 | SSE | 10 | lf | 0.08 | 4 |
| L'Orient ... | 30.19 | ? | 47 | 47 | 0 | ? | ? | S | 4 | 4 | S | 8 | o | - | 3 |
| Rochefort ... | 30.21 | 00 | 43 | 41 | -9 | 54 | 40 | NNE | 5 | 8 | NNN | 0 | rb | - | 3 |
| Biarritz ... | 30.17 | -17 | 46 | 44 | -8 | 54 | 43 | E | 5 | 5 | N | 1 | ma | - | 3 |
| Corunna ... | | | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels ... | 30.40 | +44 | 33 | * | -7 | * | * | ESE | 3 | * | * | * | b | * | * |
| Charleville ... | 30.39 | +38 | 36 | * | 0 | * | * | E | 1 | * | * | * | b | * | * |
| Paris ... | 30.38 | +28 | 34 | * | -9 | 48 | 33 | SE | 3 | 5 | N | 0 | cb | - | * |
| Lyons ... | ? | ? | 27 | * | -13 | * | * | N | 3 | * | * | * | b | * | * |
| Toulon... | 30.12 | +09 | 48 | 37 | 0 | 56 | 42 | NNE | 1 | 5 | N | 4 | c | - | 3 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|-----|---|
| Skudesnaes ... | 30.18 | 24 | 21 | E | 2 | * | 6 | 2 | Valencia ... | 29.98 | 53 | 51 | WSW | 4 | 8 | ? | 5 |
| Thurso ... | 29.91 | 36 | 34 | S | 5 | 10 | 0 | 3 | Scilly ... | 30.15 | 57 | 49 | SW | 4 | 8 | f | 8 |
| Scarborough... | 30.19 | 40 | 38 | SE | 1 | 10 | 0 | 3 | London ... | 30.24 | 43 | 40 | Z | 0 | 10 | gom | 5 |
| Greencastle ... | 29.84 | 40 | 40 | S | 6 | 10 | r | * | Rochefort... | 30.28 | 52 | 50 | NN | 5 | 10 | f | |
| Holyhead ... | 30.05 | 44 | 43 | S | 4 | 10 | r | 3 | | | | | | | | | |

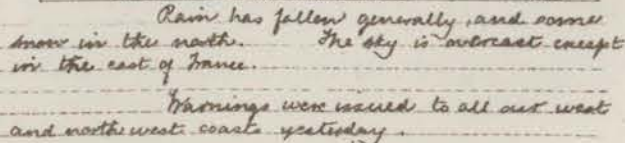
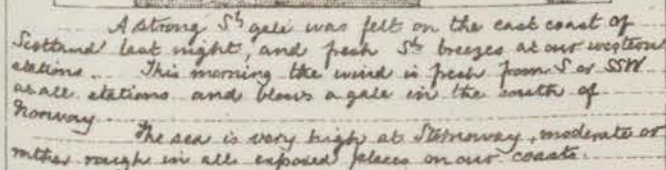
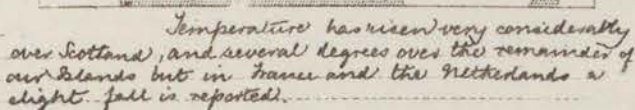
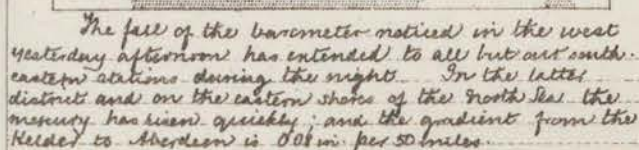
The barometer has risen at all but our most N. and NN. stations since the morning, but has now begun to fall again at Scilly. The S. wind is freshening a little in the NN. and N. with rain. The sea has gone down a little in the SW. but the weather is not at all settled. - Hanning issued to all our N. coasts. -

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** is the strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale 13, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEDNESDAY 27TH JANUARY 1875 AT 8 A.M.



Thurs-day 8 a.m.

WEATHER REPORT.

January 28th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 9. |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Direc. | Force. (0 to 12.) | Force. (0 to 12.) | Direc. | | | | |
| Haparanda ... | 29.81 | -23 | 19 | 19 | +15 | * | * | S | 4 | 8 | S | * | o | * | * |
| Hernösand ... | 29.86 | -44 | 27 | 26 | +40 | * | * | SN | 4 | 4 | S | * | o | * | * |
| Stockholm ... | 30.20 | -16 | 24 | 22 | +24 | * | * | SN | 4 | 4 | SN | * | o | * | * |
| Wisby ... | 30.41 | +07 | 30 | 30 | +10 | * | * | SN | 4 | 4 | N | * | o | * | * |
| Christiansund ... | 29.53 | -13 | 39 | ? | +1 | 43 | 37 | SN | 4 | 3 | SSN | * | rc | - | 6 |
| Skudesnaes ... | 29.94 | -13 | 28 | 37 | +6 | ? | 32 | SSC | 6 | 8 | SSE | * | of | - | 7 |
| Oxö (Christiansand) | 30.10 | ? | 39 | 37 | +7 | 39 | 32 | SN | 4 | 6 | SSN | * | so | - | 3 |
| Skagen (The Skaw) | 30.20 | -17 | 32 | 31 | +5 | * | * | SSN | 2 | 6 | SSN | * | so | - | * |
| Fanö ... | 30.26 | -17 | 29 | 28 | +4 | * | * | SSN | 6 | 6 | SSN | * | o | - | * |
| Cuxhaven ... | 30.30f | -18 | 27 | 24 | +2 | ? | 22 | S | 3 | 2 | SSN | 4 | co | - | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) | 29.44f | -14 | 47 | 46 | 0 | 49 | 43 | SSN | 8 | 9 | SSN | 10 | br | 0.82 | 7 |
| Thurso ... | 29.55f | -12 | 41 | 40 | -2 | 48 | 38 | S | 2 | 5 | S | 4 | lgo | 0.01 | 2 |
| Wick ... | 29.60f | -19 | 46 | 45 | +1 | 48 | 43 | S | 2 | 5 | SE | 5 | ocq | - | 3 |
| Nairn ... | 29.57f | -15 | 46 | 42 | -1 | 50 | 44 | SN | 4 | 8 | SN | 1 | b | 0.05 | 3 |
| Aberdeen ... | 29.74f | -06 | 46 | 44 | +1 | 49 | 45 | S | 5 | 7 | S | 10 | om | - | 3 |
| Leith ... | 29.81f | -10 | 48 | 47 | -1 | 55 | 46 | SN | 4 | 7 | SN | 3 | ab | - | * |
| Shields ... | 29.97f | -04 | 45 | 44 | +3 | 49 | 40 | SSN | 2 | 6 | N | 7 | gc | - | 2 |
| York ... | 30.05f | -06 | 43 | 43 | -3 | 51 | 42 | SSN | 1 | 1 | SN | 6 | e | - | * |
| Scarborough ... | 30.03f | -07 | 44 | 43 | +1 | 50 | 43 | NSN | 3 | 4 | SN | 8 | s | - | 3 |
| Nottingham ... | 30.14f | -03 | 46 | 45 | -1 | 51 | 44 | SSN | 3 | 6 | S | 4 | gen | - | * |
| Ardrossan ... | 29.79f | -08 | 48 | 45 | 0 | 49 | 47 | SSN | 6 | 6 | S | 8 | o | 0.13 | 5 |
| Greencastle ... | 29.78f | -02 | 46 | 45 | +1 | 50 | 45 | SN | 4 | 5 | S | 10 | g | 0.14 | * |
| Donaghadee ... | 29.84f | -02 | 47 | 46 | 0 | 49 | 44 | NSN | 5 | 7 | S | 6 | oc | 0.07 | 4 |
| Kingstown ... | 29.97f | -05 | 49 | 47 | 0 | 53 | 47 | S | 3 | 5 | S | 9 | o | - | 2 |
| Holyhead ... | 30.00f | -01 | 49 | 48 | +1 | 49 | 44 | SSN | 3 | 6 | SSN | 7 | rm | 0.03 | 3 |
| Liverpool (Bidston Obs.) | 30.06f | -01 | 48 | 44 | +1 | 52 | 45 | SSN | 2 | 5 | SSE | 7 | oc | - | 2 |
| Valencia ... | 30.02f | -23 | 49 | 47 | -1 | 53 | 48 | NSN | 3 | 7 | SSN | 6 | e | 0.13 | 4 |
| Roche's Point ... | 30.05f | -17 | 48 | 47 | -1 | 51 | 46 | NSN | 4 | 6 | SN | 9 | mo | 0.06 | 4 |
| Pembroke ... | 30.12f | -07 | 48 | 47 | 0 | 49 | 47 | SSN | 3 | 5 | S | 4 | om | 0.09 | 3 |
| Portishead ... | 30.17f | -03 | 46 | 45 | +4 | 51 | 44 | NSN | 3 | 6 | SN | 8 | og | 0.11 | 2 |
| Scilly ... | 30.21f | -14 | 50 | 50 | 0 | 51 | 48 | SSN | 5 | 6 | S | 8 | fo | 0.15 | 5 |
| Plymouth ... | 30.23f | -06 | 48 | 48 | 0 | 51 | 46 | SN | 1 | 5 | S | 10 | of | 0.04 | * |
| Hurst Castle ... | 30.22f | -00 | 47 | 47 | +1 | 49 | 45 | N | 4 | 5 | SSE | 7 | e | 0.02 | 3 |
| Dover ... | 30.26f | -04 | 44 | 43 | +1 | 45 | 40 | SSN | 4 | 4 | SN | 6 | bg | - | 4 |
| London ... | 30.27f | -03 | 46 | 45 | 0 | 52 | 41 | S | 2 | 4 | SSN | 10 | cod | - | * |
| Oxford ... | 30.18f | -01 | 48 | 47 | +1 | 52 | 42 | SN | 2 | 3 | S | 10 | m | - | * |
| Cambridge ... | 30.18f | -05 | 44 | 44 | +1 | 51 | 38 | SN | 1 | 2 | S | 10 | lo | - | 3 |
| Yarmouth ... | 30.20f | -07 | 42 | 42 | +1 | 44 | 39 | SSN | 2 | 4 | S | 10 | sm | - | 2 |
| Helder ... | 30.24 | -16 | 33 | * | +1 | * | * | SSE | 4 | * | * | * | * | * | 2 |
| Cape Gris Nez ... | 30.27f | -01 | 39 | 37 | -1 | 48 | 37 | S | 3 | 4 | S | 10 | co | - | 4 |
| Brest ... | 30.33f | -18 | 50 | 50 | +1 | 51 | 47 | SN | 4 | 4 | SSE | ? | o | 0.12 | 3 |
| L'Orient ... | 30.33f | -14 | 46 | 46 | -1 | ? | ? | N | 1 | 4 | SSE | 3 | oc | - | 3 |
| Rochefort ... | 30.37f | -16 | 48 | 46 | +5 | 59 | 39 | SN | 4 | 5 | ESE | 5 | bo | - | 3 |
| Biarritz ... | 30.43f | -26 | 52 | 48 | +6 | 59 | 48 | SN | 3 | 5 | ESE | 10 | co | - | 3 |
| Corunna ... | | | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels ... | 30.31 | -09 | 37 | * | +4 | * | * | ESE | 3 | * | * | * | o | * | * |
| Charleville ... | 30.43 | +04 | 31 | * | -5 | * | * | SE | 3 | * | * | * | b | * | * |
| Paris ... | | | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lyons ... | ? | ? | 41 | * | +4 | * | * | NE | 1 | * | * | * | f | * | 3 |
| Toulon ... | 30.39f | -27 | 50 | 39 | +2 | 57 | 46 | E | 4 | 4 | E | 3 | b | - | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|---|
| Skudesnaes ... | 30.03 | 35 | 35 | SSE | 9 | * | 7 | 8 | Valencia ... | 29.77 | 49 | 48 | SSW | 7 | 0 | 5 |
| Thurso ... | 29.65 | 47 | 45 | SSW | 3 | 7 | w | 3 | Scilly ... | 30.03 | 51 | 51 | S | 6 | 9 | 5 |
| Scarborough... | 30.07 | 49 | 48 | SSW | 4 | 9 | o | 3 | London ... | 30.24 | 51 | 48 | S | 2 | 8 | 3 |
| Greencastle ... | 29.70 | 50 | 48 | S | 5 | 10 | g | * | Rochefort... | 30.23 | 55 | 50 | SE | 4 | 0 | 6 |
| Holyhead ... | 29.95 | 49 | 48 | SSW | 6 | 10 | mw | 5 | | | | | | | | |

The fresh decrease of pressure noticed at Valencia during the night is travelling N.E. & strong S.W. gales have set in at Valencia and strong S.W. winds in the Irish Channel but the sea is not very high.

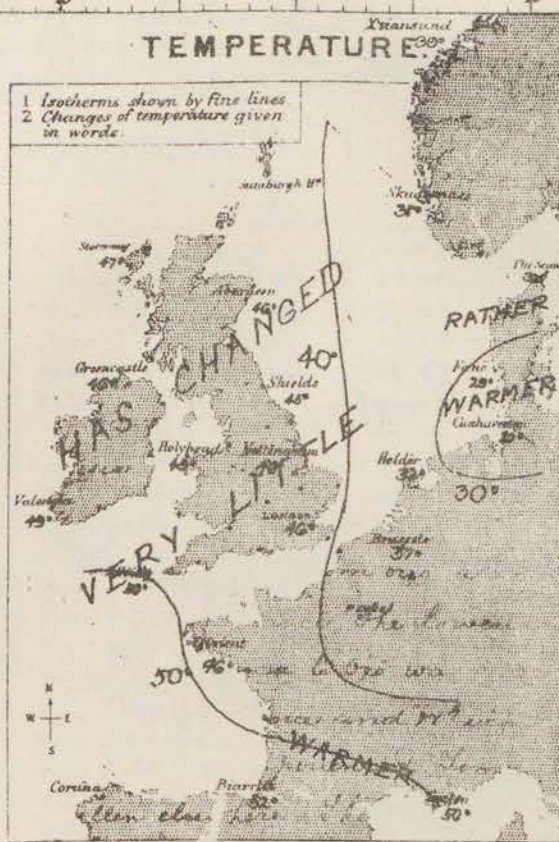
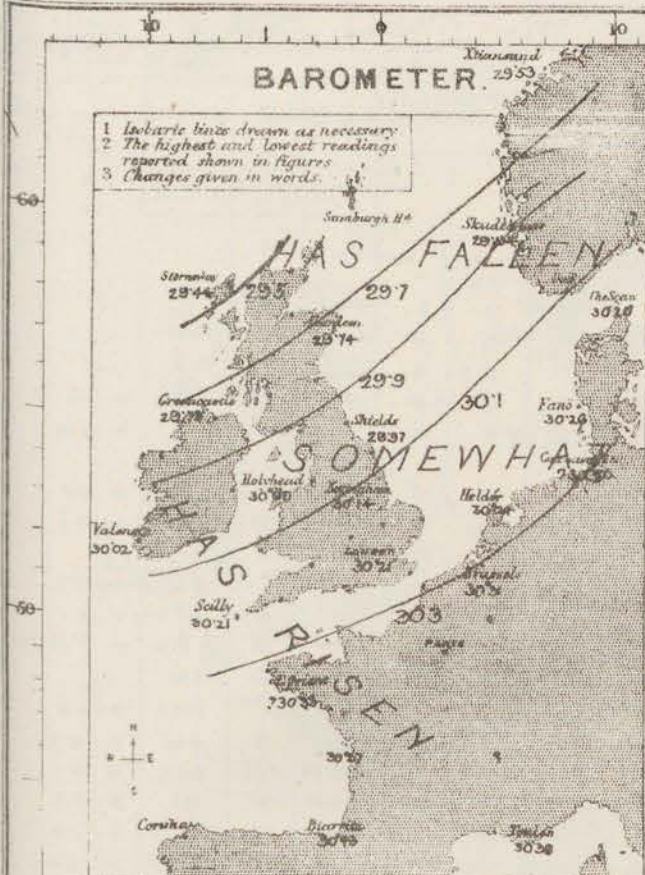
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. unusual transparency; w. wet, dew.
 * AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
 N.B.—The wind is said to "veer" when its direction changes with the sun and to "back" when it shifts in the opposition direction.

WEATHER CHARTS

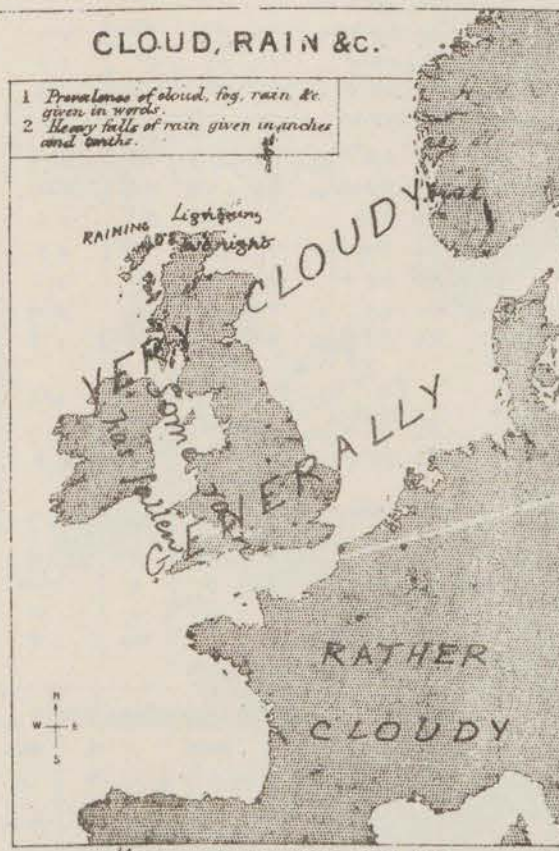
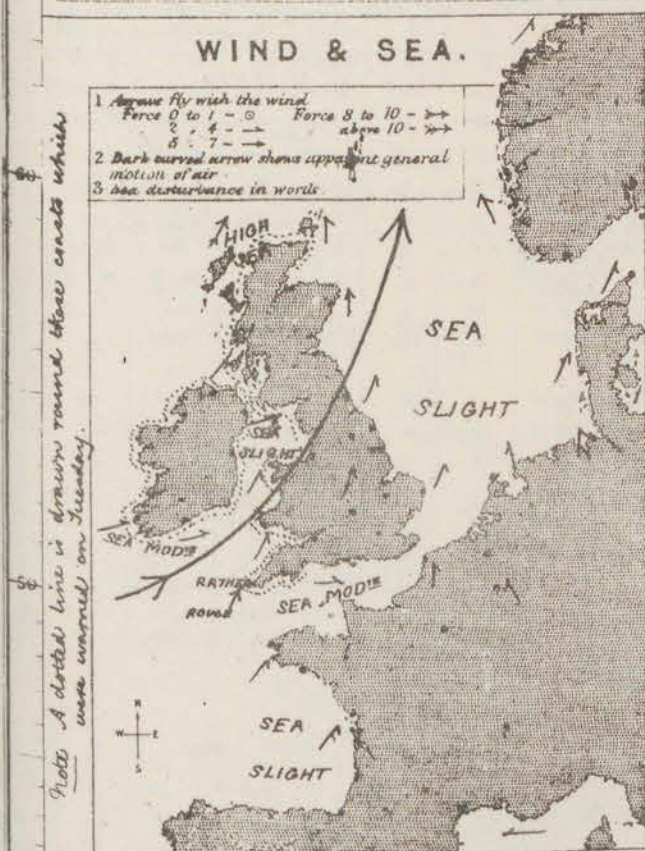
AND REMARKS FOR

THURSDAY 28TH JANUARY 1875 AT 8 A.M.



The barometer continued to fall at our northern and eastern stations till last night, since which time the recovery which had commenced at Valencia in the afternoon has become general. The highest readings lie over France, the gradient from Hurst Castle to Lizard being 0.07 in. while that from Lizard to Stornoway is 0.12 in. per 50 miles.

Temperature has risen a little on the eastern shores of the North Sea and in the south of France but is scarcely changed elsewhere.



The wind rose to a stiff gale at Valencia and in some parts of Scotland yesterday or during the night. Moderate SW. to S.W. winds now prevail in most places, but a fresh gale still holds at Stornoway. The sea is moderate or slight except at Stornoway.

Heavy rain has fallen at Stornoway, where it still continues, and a less quantity is reported from our west and north-west coasts generally. Lightning was seen in the north of Scotland and at Cambridge last night. The sky continues very cloudy in most places. Cones lowered on all our weather vanes this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Book post 5/- per quarter.

Meteorological Office
116, Victoria Str. Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lth. 22, Bedford St. Covent Garden.

Fri - day 8 a.m.

WEATHER REPORT.

January 29th 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. — By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Disturb- ance. — 0 to 9. |
|------------------------------|--|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|---|--|--|
| | At 8 A.M. — Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | Dirac. | | | | |
| Haparanda ... | | | | | | * | * | | | | | * | | * | * |
| Hernösand ... | | | | | | * | * | | | | | * | | * | * |
| Stockholm ... | | | | | | * | * | | | | | * | | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | | | | | | * | * | | | | | * | | * | * |
| Skudesnaes ... | 29.85 | - .09 | 37 | 36 | - 1 | 37 | ? | NN | 7 | 6 | SSE | * | r | - | 4 |
| Oxö (X'tiansand) ... | 29.75 | - .35 | 38 | 38 | - 1 | 39 | 37 | WSW | 2 | 4 | SSW | * | r | - | 3 |
| Skagen (The Skaw) ... | 29.82 | - .38 | 33 | 33 | + 1 | * | * | SW | 2 | 2 | SW | * | cf | - | * |
| Fanö ... | 29.96 | - .30 | 38 | 38 | + 9 | * | * | SW | 4 | 4 | SW | * | oc | 0.16 | * |
| Cuxhaven ... | 30.08 f | - .22 | 40 | 40 | + 13 | ? | 25 | WSW | 3 | 2 | SW | 5 | e | 0.09 | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) ... | 30.22 r | + .78 | 35 | 33 | - 12 | 47 | 34 | NE | 3 | 8 | SSW | 10 | po | 0.08 | 4 |
| Thurso ... | 30.20 r | + .65 | 36 | 32 | - 5 | 49 | 35 | NNE | 4 | 5 | NNW | 6 | e | 0.06 | 3 |
| Wick ... | 30.20 r | + .63 | 33 | 32 | - 13 | 50 | 31 | NN | 1 | 3 | SW | 2 | b | - | 1 |
| Nairn ... | 30.22 r | + .65 | 36 | 34 | - 10 | 50 | 36 | N | 1 | 4 | N | 8 | to | 0.12 | 1 |
| Aberdeen ... | 30.18 r | + .44 | 37 | 35 | - 9 | 51 | 37 | N | 2 | 6 | S | 6 | e | 0.01 | 2 |
| Leith ... | 30.21 r | + .40 | 38 | 37 | - 10 | 53 | 37 | N | 2 | 7 | SW | 5 | po | 0.13 | * |
| Shields ... | 30.21 r | + .24 | 40 | 40 | - 5 | 49 | 40 | NN | 2 | 6 | SW | 2 | cb | - | 2 |
| York ... | 30.12 r | + .07 | 43 | 42 | 0 | 52 | 41 | SW | 1 | 1 | SW | 5 | oc | 0.16 | * |
| Scarborough ... | 30.23 r | + .20 | 40 | 39 | - 4 | 50 | 39 | N | 1 | 3 | SW | 7 | oc | 0.07 | 1 |
| Nottingham ... | 30.29 r | + .15 | 43 | 40 | - 3 | 53 | 42 | S | 1 | 6 | SSW | 10 | um | 0.01 | * |
| Ardrossan ... | 30.19 r | + .40 | 38 | 36 | - 10 | 50 | 38 | NNE | 2 | 6 | SSW | 5 | e | 0.13 | 1 |
| Greencastle ... | 30.18 r | + .40 | 43 | 42 | - 3 | 47 | 40 | SE | 3 | 4 | SW | 10 | g | 0.13 | * |
| Donaghadee ... | 30.18 r | + .34 | 39 | 39 | - 8 | 50 | 39 | N | 3 | 5 | SW | 10 | co | 0.06 | 2 |
| Kingstown ... | 30.22 r | + .25 | 46 | 44 | - 3 | 53 | 45 | SSE | 1 | 6 | N | 10 | am | 0.12 | 1 |
| Holyhead ... | 30.21 r | + .21 | 44 | 43 | - 5 | 50 | 44 | WSW | 1 | 4 | SW | 7 | rm | 0.09 | 1 |
| Liverpool (Bidston Obs.) ... | 30.24 r | + .18 | 44 | 41 | - 4 | 52 | 43 | WSW | 2 | 6 | WSW | 10 | o | 0.04 | 2 |
| Valencia ... | 30.15 r | + .13 | 51 | 50 | + 2 | 53 | 48 | WSW | 4 | 4 | SW | 9 | mr | 0.34 | 4 |
| Roche's Point ... | 30.18 s | + .13 | 49 | 49 | + 1 | 52 | 46 | SW | 4 | 5 | SW | 10 | mr | 0.28 | 4 |
| Pembroke ... | 30.22 r | + .10 | 48 | 48 | 0 | 50 | 47 | Z | 0 | 5 | SW | 10 | of | 0.25 | 3 |
| Portishead ... | 30.26 r | + .09 | 50 | 50 | + 4 | 54 | 44 | S | 2 | 6 | WSW | 10 | od | 0.18 | 2 |
| Scilly ... | 30.33 r | + .12 | 51 | 51 | + 1 | 53 | 49 | SW | 6 | 6 | SSW | 9 | o | 0.02 | 5 |
| Plymouth ... | 30.32 r | + .09 | 51 | 51 | + 3 | 53 | 48 | SW | 4 | 5 | SW | 10 | gan | 0.05 | * |
| Hurst Castle ... | 30.32 r | + .10 | 48 | 48 | + 1 | 49 | 46 | WSW | 3 | 4 | WSW | 10 | ad | 0.02 | 3 |
| Dover ... | 30.35 r | + .09 | 47 | 46 | + 3 | 48 | 41 | WSW | 3 | 4 | WSW | 10 | owf | 0.01 | * |
| London ... | 30.30 r | + .09 | 49 | 49 | + 3 | 54 | 46 | SW | 2 | 4 | SSW | 10 | cbd | - | * |
| Oxford ... | 30.29 r | + .11 | 49 | 48 | + 1 | 52 | 48 | Z | 0 | 4 | N | 10 | of | - | * |
| Cambridge ... | 30.29 r | + .11 | 46 | 46 | + 2 | 51 | 42 | SW | 1 | 2 | SW | 10 | o | 0.05 | 2 |
| Yarmouth ... | 30.28 r | + .08 | 43 | 43 | + 1 | 48 | 41 | N | 2 | 2 | SSW | 7 | mg | 0.06 | 2 |
| Helder ... | 30.21 | - .03 | 42 | * | + 9 | * | * | WSW | 4 | * | * | * | * | * | 3 |
| Cape Gris Nez ... | 30.32 f | + .05 | 46 | 46 | + 7 | 47 | 39 | SSW | 4 | 4 | S | 10 | om | - | * |
| Brest ... | | | | | | | | | | | | | | | * |
| L'Orient ... | ? | ? | 48 | 48 | + 2 | ? | ? | WSW | 1 | 3 | WSW | 8 | co | - | 3 |
| Rocheport ... | 30.52 r | + .15 | 44 | 42 | - 4 | 55 | 41 | SSE | 4 | 4 | S | 10 | of | - | 3 |
| Biarritz ... | 30.56 r | + .13 | 46 | 44 | - 6 | 55 | 43 | E | 3 | 3 | ? | 9 | o | - | * |
| Corunna ... | | | * | * | | * | * | | | | | * | | * | * |
| Brussels ... | 30.35 | + .04 | 44 | * | + 7 | * | * | WSW | 3 | * | * | * | r | * | * |
| Charleville ... | ? 30.43 | 00 | 40 | * | + 9 | * | * | SE | 3 | * | * | * | o | * | * |
| Paris ... | 30.49 r | + .14 | 41 | * | + 10 | 45 | 31 | SSW | 3 | 3 | SSE | 10 | o | - | * |
| Lyons ... | ? | ? | 41 | * | 0 | * | * | NE | 1 | * | * | * | o | * | * |
| Toulon ... | 30.48 r | + .09 | 42 | 40 | - 8 | 56 | 42 | Z | 0 | 4 | E | 9 | bo | - | 2 |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. |
|-----------------|-------|------|-------|-----|------|------|---------------|-------|------|-------|-----|------|------|
| Skudesnaes ... | 29.88 | 37 | 36 | SSE | 6 | * | Valencia ... | 30.06 | 53 | 51 | SW | 4 | 6 |
| Thurso ... | 29.61 | 48 | 46 | WSW | 1 | 4 | Scilly ... | 30.27 | 53 | 52 | SSW | 6 | 8 |
| Scarborough ... | 30.04 | 50 | 47 | WSW | 3 | 9 | London ... | 30.26 | 52 | 48 | WSW | 2 | 8 |
| Greencastle ... | 29.88 | 47 | 46 | S | 4 | 10 | Rocheport ... | 30.48 | ? | ? | S | 4 | 10 |
| Holyhead ... | 30.07 | 49 | 48 | SW | 4 | 7 | | | | | | | |

The barometer has continued to rise since the morning except at Valencia, where a slight fall has commenced since noon, and the wind has "backed" a little with a slight increase of sea.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

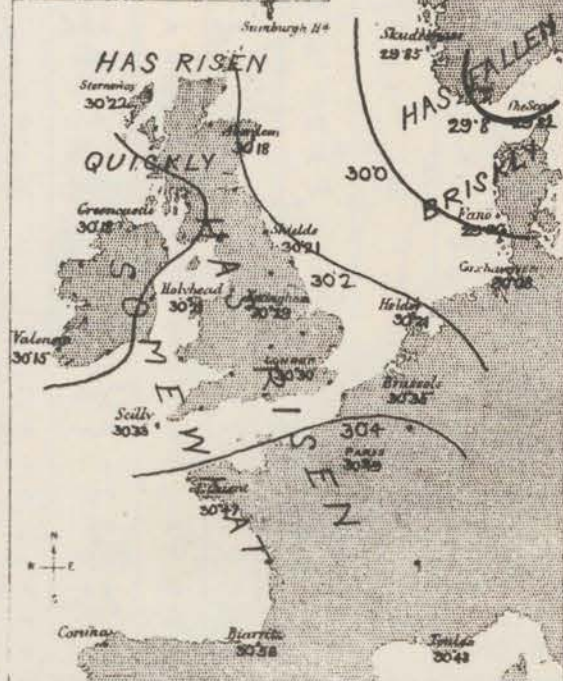
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 29TH JANUARY 1875 AT 8 A.M.

BAROMETER.

- 1 Isobars drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



Saturday 8 a.m.

WEATHER REPORT.

January 30th

1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Disturb- ance. 0 to 9. |
|--------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirce. | Force. (0 to 12.) | Force. (0 to 12.) | Dirce. | | | | |
| Haparanda ... | 29.67 | + .20 | 22 | 21 | - 6 | * | * | NN | 6 | 4 | S | * | o | * | * |
| Hernösand ... | 30.07 | + .49 | 26 | 25 | - 9 | * | * | NN | 4 | 2 | N | * | b | * | * |
| Stockholm ... | 30.06 | + .25 | 24 | 24 | - 4 | * | * | N | 2 | 2 | NE | * | sc | * | * |
| Wisby ... | 29.97 | + .08 | 32 | 30 | 0 | * | * | NE | 6 | 2 | S | * | sc | * | * |
| Christiansund ... | 30.34 | + .63 | 35 | 33 | + 1 | 36 | 32 | N | 7 | 7 | NNN | * | obh | - | 7 |
| Skudesnaes ... | 30.43 | + .58 | 30 | ? | - 7 | 37 | ? | N | 2 | 5 | N | * | b | - | 2 |
| Oxö (X'tiansand) | ? | ? | 30 | 29 | - 8 | 41 | ? | NN | 2 | 4 | NNN | * | b | - | 1 |
| Skagen (The Skaw) | 30.32 | + .50 | 34 | 32 | + 1 | * | * | NNE | 6 | 4 | N | * | b | 0.20 | * |
| Fanö ... | 30.34 | + .38 | 32 | 30 | - 6 | * | * | NE | 4 | 4 | NN | * | cb | - | * |
| Cuxhaven ... | 30.26 | + .18 | 34 | 33 | - 6 | 41 | ? | NNE | 5 | 4 | N | 6 | rc | - | * |
| Sumburgh Head | | | | | | | | | | | | | | | |
| Stornoway (Hobridges) | 30.32 | + .10 | 38 | 36 | + 3 | 38 | 30 | SSN | 4 | 4 | SSN | 9 | bw | - | 4 |
| Thurso ... | 30.38 | + .18 | 33 | 32 | - 3 | 38 | 26 | S | 2 | 4 | NNE | 6 | om | - | 2 |
| Wick ... | 30.38 | + .15 | 37 | 34 | + 4 | 37 | 26 | S | 3 | 3 | S | 0 | b | - | 1 |
| Nairn ... | 30.43 | + .21 | 30 | 30 | - 6 | 37 | 29 | L | 0 | 1 | SN | 2 | bm | - | 1 |
| Aberdeen ... | 30.48 | + .20 | 32 | 30 | - 5 | 39 | 28 | SSN | 1 | 2 | N | 7 | o | - | * |
| Leith ... | 30.55 | + .34 | 31 | 30 | - 7 | 42 | 30 | SSE | 2 | 3 | E | 4 | so | - | 2 |
| Shields ... | 30.59 | + .38 | 38 | 36 | - 2 | 42 | 36 | SE | 1 | 3 | N | 8 | co | 0.03 | * |
| York ... | 30.56 | + .44 | 38 | 35 | - 5 | 49 | 34 | E | 1 | 1 | ENE | 8 | o | 0.06 | 3 |
| Scarborough ... | 30.58 | + .35 | 39 | 36 | - 1 | 43 | 38 | E | 2 | 2 | NE | 7 | so | 0.02 | * |
| Nottingham ... | 30.58 | + .29 | 37 | 35 | - 6 | 48 | 36 | NNE | 2 | 3 | ESE | 6 | rf | 0.27 | 1 |
| Ardrossan ... | 30.50 | + .31 | 34 | 32 | - 4 | 43 | 34 | ESE | 2 | 3 | NE | 5 | mc | - | * |
| Greencastle ... | 30.43 | + .25 | 42 | 41 | - 1 | 43 | 41 | SE | 5 | 5 | SE | 8 | go | 0.03 | 3 |
| Donaghadee ... | 30.47 | + .29 | 41 | 40 | + 2 | 53 | 39 | SSE | 4 | 5 | SSE | 6 | o | 0.07 | 1 |
| Kingstown ... | 30.47 | + .25 | 45 | 44 | - 1 | 50 | 45 | SE | 1 | 2 | NNE | 10 | ro | 0.16 | 3 |
| Holyhead ... | 30.45 | + .24 | 41 | 40 | - 3 | 49 | 40 | ENE | 2 | 4 | ENE | 5 | rmg | 0.26 | 2 |
| Liverpool (Bidston Obs.) | 30.54 | + .30 | 38 | 36 | - 6 | 48 | 37 | E | 2 | 4 | N | 3 | ob | 0.31 | 4 |
| Valencia ... | 30.43 | + .28 | 50 | 49 | - 1 | 55 | 49 | SN | 3 | 4 | NSN | 9 | m | 0.13 | 3 |
| Roche's Point ... | 30.43 | + .25 | 45 | 44 | - 4 | 53 | 42 | ? | 2 | 4 | N | 9 | fo | 0.08 | 2 |
| Pembroke ... | 30.46 | + .24 | 45 | 45 | - 3 | 50 | 44 | SE | 3 | 4 | NSN | 10 | fg | 0.34 | 2 |
| Portishead ... | 30.50 | + .24 | 43 | 42 | - 7 | 54 | 40 | E | 3 | 5 | S | 10 | dq | 0.18 | 3 |
| Scilly ... | 30.47 | + .14 | 48 | 47 | - 3 | 52 | 47 | L | 0 | 6 | NSN | 6 | fc | 0.05 | * |
| Plymouth ... | 30.47 | + .15 | 46 | 46 | - 5 | 52 | 45 | NE | 1 | 5 | SN | 10 | dm | 0.34 | 3 |
| Hurst Castle ... | 30.49 | + .17 | 44 | 42 | - 4 | 50 | 42 | NE | 4 | 4 | N | 3 | rb | 0.40 | 3 |
| Dover ... | 30.48 | + .13 | 40 | 38 | - 7 | 49 | 39 | ENE | 4 | 4 | NSN | 5 | fo | 0.57 | * |
| London ... | 30.52 | + .22 | 39 | 37 | - 10 | 53 | 38 | NE | 2 | 2 | SN | 5 | ro | 0.43 | * |
| Oxford ... | 30.52 | + .23 | 37 | 37 | - 12 | 52 | 37 | NE | 2 | 4 | NE | 7 | ro | 0.51 | * |
| Cambridge ... | 30.57 | + .28 | 38 | 35 | - 8 | 51 | 34 | NE | 1 | 1 | E | 10 | ro | 0.34 | 3 |
| Yarmouth ... | 30.51 | + .23 | 39 | 38 | - 4 | 48 | 37 | NNE | 4 | 4 | NE | 4 | ro | 0.09 | 4 |
| Helder ... | 30.38 | + .17 | 40 | * | - 2 | * | * | N | 6 | * | * | * | * | * | 5 |
| Cape Gris Nez ... | 30.40 | + .08 | 41 | 39 | - 5 | 48 | 41 | NE | 7 | 5 | NSN | 9 | ro | 0.39 | 3 |
| Brest ... | | | | | | | | | | | | | | | |
| L'Orient ... | ? | ? | 50 | 50 | + 2 | ? | ? | NN | 4 | 3 | N | 10 | of | 0.08 | 3 |
| Rochefort ... | 30.47 | - .05 | 50 | 48 | + 6 | 54 | 40 | NN | 5 | 4 | SSE | 10 | fo | - | 4 |
| Biarritz ... | 30.54 | - .02 | 44 | 42 | - 2 | 53 | 41 | S | 3 | 3 | E | 8 | so | - | * |
| Cowanna ... | | | | | | * | * | | | | * | * | * | * | * |
| Brussels ... | 30.41 | + .06 | 40 | * | - 4 | * | * | ENE | 1 | * | * | * | ro | * | * |
| Charleville ... | ? | ? | 40 | * | 0 | * | * | NN | 6 | * | * | * | o | * | * |
| Paris ... | 30.35 | - .14 | 45 | * | + 4 | 48 | 41 | NNE | 7 | 4 | SN | 10 | o | 0.16 | * |
| Lyons ... | ? | ? | 45 | * | + 4 | * | * | NE | 1 | * | * | * | r | * | 4 |
| Toulon ... | 30.19 | - .29 | 41 | 37 | + 1 | 55 | 40 | NN | 5 | 1 | N | 6 | fo | - | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|----|------|------|---|--------------|-------|------|-------|-----|------|------|----|
| Skudesnaes ... | 30.10 | 33 | 31 | NNN | 7 | * | o | 4 | Valencia ... | 30.20 | 53 | 53 | N | 4 | 9 | m |
| Thurso ... | 30.28 | 37 | 35 | NNN | 3 | 8 | o | 3 | Scilly ... | 30.34 | 52 | 50 | SN | 6 | 9 | o |
| Scarborough... | 30.27 | 42 | 41 | NE | 2 | 10 | o | 2 | London ... | 30.26 | 53 | 52 | SSN | 2 | 10 | or |
| Greencastle ... | 30.18 | 43 | 42 | E | 1 | 10 | d | * | Rochefort... | 30.56 | 52 | 50 | S | 3 | 7 | o |
| Holyhead ... | 30.18 | 49 | 48 | SSN | 1 | 10 | dq | 1 | | | | | | | | |

Pressure is changing very irregularly and the winds vary considerably both in direction and force. The weather continues dull and wet generally.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

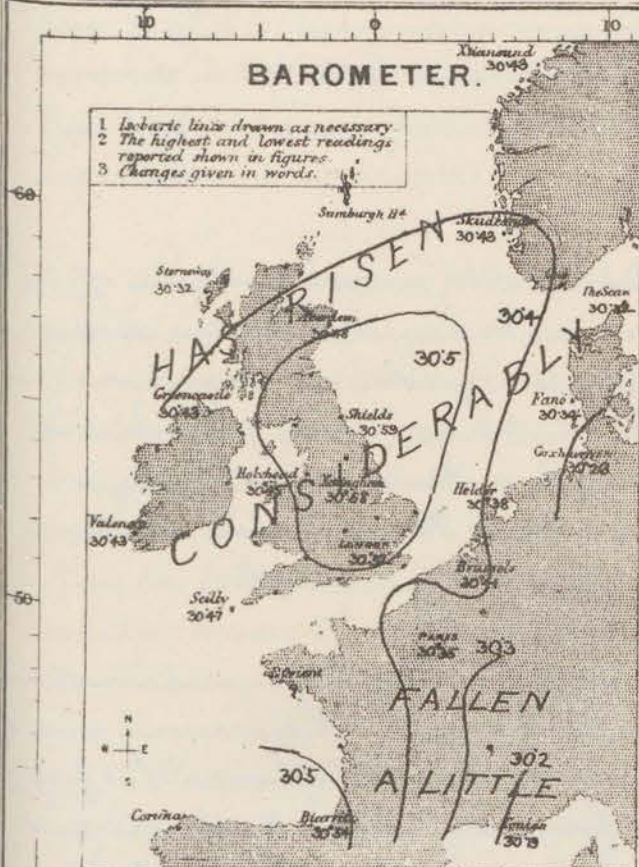
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS AND REMARKS FOR SATURDAY 30TH JANUARY 1875 AT 8 A.M.

BAROMETER.

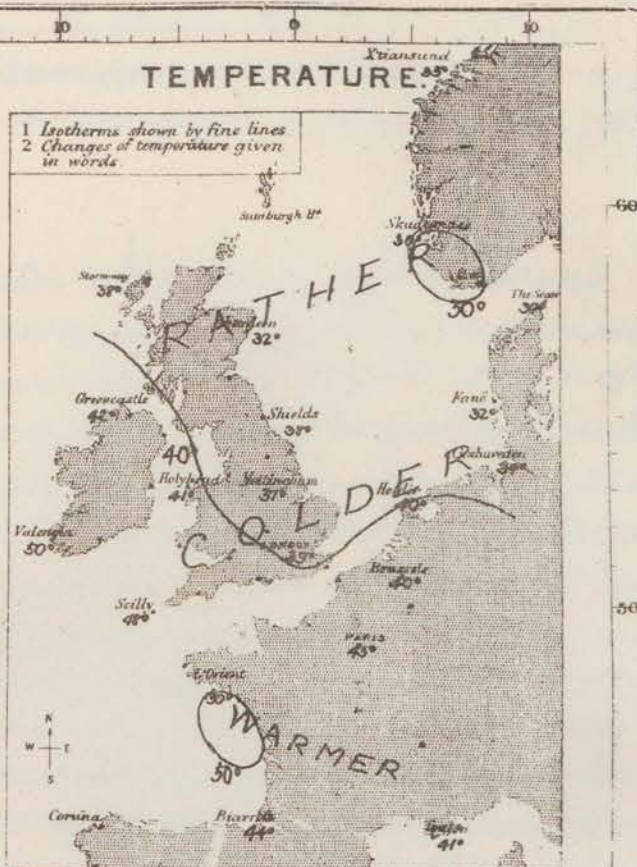
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



A considerable rise of the barometer has taken place during the past 24 hours except in France, where the mercury has fallen somewhat briskly. An area of high readings (exceeding 30.5 in.) now lies over the northern and central parts of England, so that, while the gradient from Harboro' to Louth is 0.05 in. per 50 miles for N^W winds, that from Adman to Stormy (where the barometer is now falling) is 0.06 for S^W winds.

TEMPERATURE.

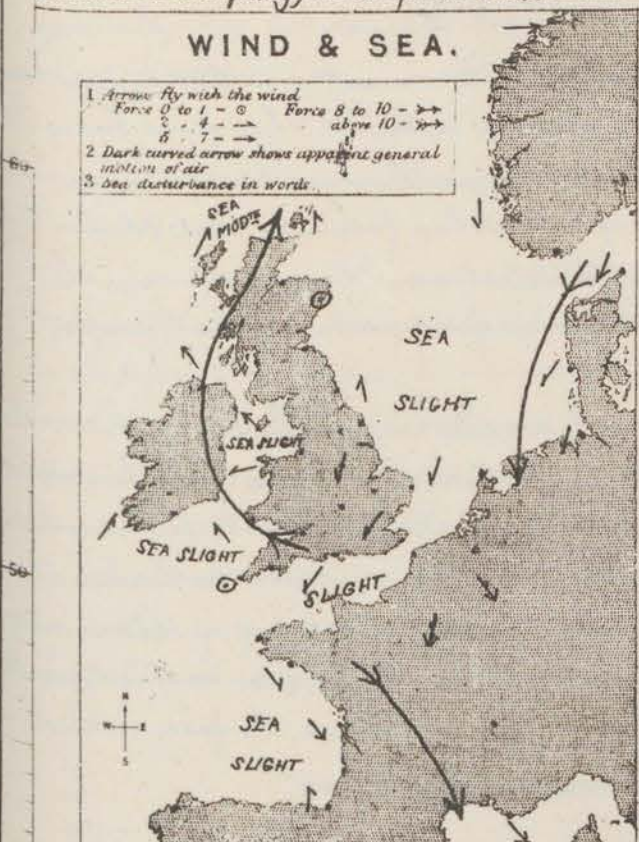
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has fallen considerably in most places. London is 11° colder than it was even at 10pm yesterday.

WIND & SEA.

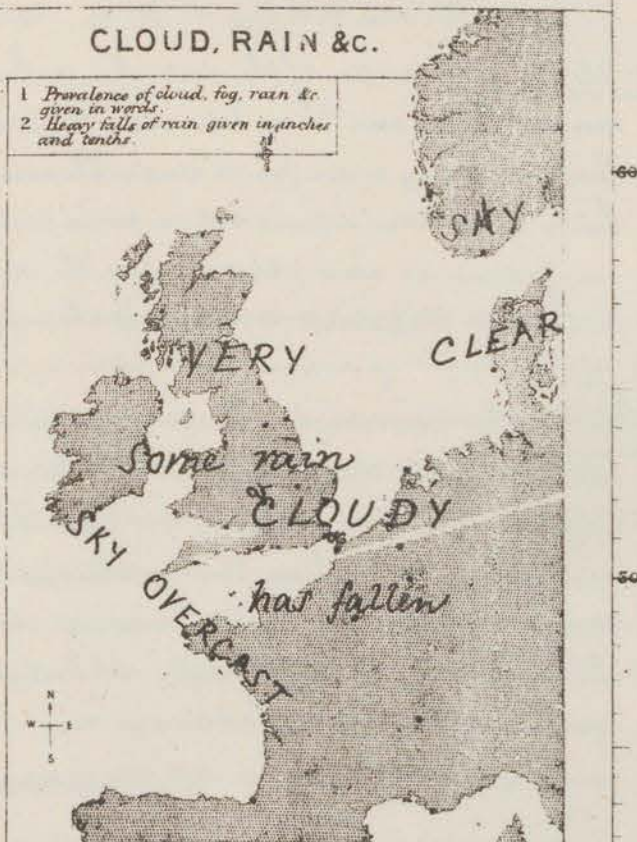
- 1 Arrows fly with the wind
Force 0 to 1 - ○ Force 8 to 10 - >>>
2 Dark curved arrow shows apparent general motion of air
3 Sea disturbance in words.



Moderate to fresh NE⁴ breezes have now set in over the North Sea and north-east of England, drawing towards N or NW in France, while in Scotland and Ireland S⁴ winds prevail. At Christiansund a strong W breeze is reported. The sea is moderate to smooth except at Christiansund.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Rain has fallen except in Scotland most in the south of England. The sky is still overcast in the SW, and very cloudy elsewhere.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Book post 5/- per quarter.

Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, 11th. 22 Bedford St. Covent Garden.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 24TH to JANUARY 30TH 1875.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

Up to the 28th, the weather which characterised last week, continued, a series of depressions traversed the N. of Scotland and disappeared over Norway, while the wind was generally SW^y to W^y. On the 29th, however, the barometer had risen quickly and the wind was very light, while on the 30th an area of high pressure had been formed over the greater part of England, and NE^y breezes prevailed except in the W. and N. Temperature has changed considerably especially over Scotland and central England. The sky has been very cloudy and the weather damp. A solar halo occurred at Nottingham on the 26th.

JAN^y 24TH The barometer had fallen briskly generally, more than half an inch at all our stations, and a deep depression had advanced over Scotland, while a second area of low pressure lay over the S. of Ireland. Gradients were steep in both cases, that from Skudeenæs to Aberdeen was 0.13 in. and that from Scilly to Roches Point 0.11 in. per 50 miles. The wind was very strong everywhere, blowing a gale from SW. over France, our SW^y and SE^y stations, and from SE in the N. of Scotland. Temperature had fallen somewhat in the W. but had risen several degrees in the E. The weather was overcast and gloomy.

JAN^y 25TH The centre of the disturbance had advanced to Denmark and the mercury had risen briskly over these islands. Gradients were steepest in the SW. that from Scilly to Pembroke being 0.15 in. per 50 miles. The wind circulated round the above depression and very heavy gales were experienced in some places. Temperature had fallen in most places. Rain was falling at some stations and the sky was generally cloudy. During the day the barometer continued to rise but the wind still blew a gale at Scilly and Rochefort.

JAN^y 26TH An exceedingly rapid rise of the mercury had occurred over the whole of SW^y Europe and at some stations on our NE coast the increase exceeded an inch. Over these islands readings were very uniform but over the North Sea steep gradients for W^y winds existed and strong winds from that quarter prevailed along its E^y shores. Over the United Kingdom light W^y airs were reported, but in Ireland, where a slight fall of the mercury had occurred during the night, S^y breezes had again set in. The weather was rather colder generally but the sky continued very cloudy. As the day advanced the fall, noticed over Ireland, travelled W^y and a recovery commenced at Valencia.

JAN^y 27TH The mercury had fallen at all our W^y and N^y stations since the 26th and at all, except the SE^y and Continental stations, during the night. The barometer had risen briskly over N. Germany and the gradient from the Helder to Aberdeen was 0.08 in. per 50 miles. The wind was S^y or SSW^y and though blowing a gale in the S. of Norway was generally moderate in force. Temperature had risen in most places — as much as 19° over Scotland. Over the British Isles and Norway the sky continued overcast but at the other continental stations it was much clearer than of late. During the day the barometer

continued to fall.

JAN 28TH Pressure had decreased at all but the SW stations where a slight rise had occurred. The lowest readings still lay at our extreme N stations and the gradient from Leith to Stromway was 0.12 in. per 50 miles. The wind continued S^W or SW^W and moderate in force except at Stromway. Temperature was very little changed. The sky had become cloudy again generally. By two pm the increase of pressure, noticed in the SW, had extended to all stations.

JAN 29TH - The lowest readings still lay at the extreme N stations, where a further fall was reported, while the barometer had risen very quickly over Scotland and to a less extent over the remainder of our Islands and France. Gradients in the S. were comparatively uniform but that from Scarborough to Oporto was 0.07 in. per 50 miles. The wind was generally light in force from the N^W over Scotland but from SW elsewhere. Temperature had fallen several degrees over the N part of the United Kingdom but had risen slightly at the more S stations. Rain was falling in the S. of Norway and the S. of England and the sky was generally overcast. During the day pressure changed very irregularly and rain continued during the whole day in London. -

JAN 30TH - The area of lowest pressure had advanced over the N. of Russia and the barometer had risen briskly over Scandinavia and to a less extent at all but the French stations. An area of high pressure lay over the greater part of England but gradients were moderate. S^W winds prevailed over Ireland and Scotland, while NE^W breezes were general elsewhere; in force they were moderate in our Islands but fresh on the continent. Temperature had fallen except over France. The sky was clear over Norway and Denmark but cloudy or overcast generally. By two pm the barometer had fallen in the N. and NW. and the wind had freshened. -

NOTICE.

It will have been observed that from the 1st February the direction and force of the wind at 6 o'clock on the previous evening have been inserted in the Daily weather Report instead of the "extreme" for past 24 hours, while the amount of cloud has been omitted entirely. These changes are owing to the adoption by this office of the International Code for Weather telegraphy, as settled by the permanent Committee of the Vienna Congress at Utrecht in September 1874, the groups of figures in which code do not contain the information referred to.

Whenever gales or very strong winds have been experienced they will be reported in words and when at all general on any of our coasts will be mentioned in the Remarks given daily. -

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Director.

Sunday 8 a.m.

WEATHER REPORT. January, 31st 1875.

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. In past 24 Hours. | Sea Distur- ance. 0 to 2. |
|------------------------------|---|------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | Dirac. | | | | |
| Haparanda ... | 30.22 | + .54 | 11 | 11 | — .32 | * | * | N | 2 | 2 | NW | * | b | * | * |
| Hernösand ... | 30.32 | + .26 | 4 | 4 | — .22 | * | * | Z | 0 | 0 | Z | * | b | * | * |
| Stockholm ... | 30.37 | + .31 | 13 | 12 | — .11 | * | * | WNW | 2 | 4 | WNW | * | b f | * | * |
| Wisby ... | | | | | | * | * | | | | | * | | * | * |
| Christiansund ... | 29.97 | — .37 | 39 | 33 | + .4 | 39 | 36 | SE | 3 | 4 | SSW | * | o | — | * |
| Skudesnaes ... | 30.17 | — .26 | 35 | 35 | + .5 | ? | 30 | SE | 6 | 2 | ESE | * | o r f | — | * |
| Oxö (X'tiansand) ... | 30.32 | ? | 35 | 34 | + .5 | 36 | 34 | SSW | 6 | 4 | SW | * | c r | — | * |
| Skagen (The Skaw) ... | 30.41 | + .09 | 33 | 32 | — .1 | * | * | WNW | 2 | 2 | WNW | * | b o | — | * |
| Fanö ... | 30.52 | + .18 | 36 | 34 | + .4 | * | * | W | 4 | 2 | SW | * | b o | — | * |
| Cuxhaven ... | 30.623 | + .36 | 32 | 31 | — .2 | 37 | ? | SW | 3 | 4 | NNE | 7 | o | — | * |
| Sumburgh Head ... | | | | | | | | | | | | | | | |
| Stornoway (Hebrides) ... | 30.08 f | — .24 | 47 | 46 | + .9 | 48 | 37 | SW | 4 | 8 | SSW | 7 | r w | 0.25 | 5 |
| Thurso ... | 30.10 f | — .28 | 57 | 48 | + .18 | 52 | 32 | SSW | 3 | 4 | SSE | 8 | r o | 0.53 | 2 |
| Wick ... | 30.02 f | — .36 | 45 | 42 | + .8 | 50 | 35 | SW | 1 | 4 | SSW | 2 | r b | 0.54 | 3 |
| Nairn ... | 30.44 f | — .19 | 47 | 44 | + .17 | 47 | 30 | SW | 2 | 3 | SW | 8 | o | 0.10 | 1 |
| Aberdeen ... | 30.18 f | — .30 | 44 | 43 | + .12 | 45 | 32 | SSW | 1 | 4 | SSW | 7 | o c | 0.24 | * |
| Leith ... | 30.29 s | — .26 | 48 | 47 | + .17 | 50 | 29 | WSW | 3 | 3 | WSW | 9 | r o | 0.07 | 2 |
| Shields ... | 30.38 f | — .21 | 43 | 42 | + .5 | 43 | 37 | SW | 3 | 5 | SSW | 8 | c q o | 0.05 | * |
| York ... | 30.48 f | — .08 | 39 | 37 | + .1 | 44 | 37 | SW | 1 | 1 | S | 10 | b o | — | 4 |
| Scarborough ... | 30.39 f | — .19 | 40 | 39 | + .1 | 42 | 37 | WSW | 5 | 4 | SW | 10 | o | 0.02 | * |
| Nottingham ... | 30.57 f | — .01 | 37 | 35 | 0 | 46 | 34 | SW | 1 | 3 | SSE | 9 | b w | — | 3 |
| Ardrossan ... | 30.32 f | — .18 | 46 | 45 | + .12 | 46 | 34 | S | 4 | 5 | SSW | 8 | c o | 0.06 | * |
| Greencastle ... | 30.26 f | — .17 | 48 | 47 | + .6 | 48 | 41 | SSW | 4 | 5 | SE | 10 | g | 0.01 | 3 |
| Donaghadee ... | 30.35 f | — .12 | 46 | 46 | + .5 | 47 | 40 | SSE | 5 | 5 | SSE | 10 | c o | — | 3 |
| Kingstown ... | 30.40 f | — .07 | 48 | 41 | + .3 | 50 | 44 | SSE | 3 | 2 | SSE | 7 | m c | — | 3 |
| Holyhead ... | 30.45 f | — .00 | 44 | 43 | + .3 | 45 | 40 | SSW | 4 | 4 | SSW | 10 | m | 0.01 | * |
| Liverpool (Bidston Obs.) ... | | | | | | | | | | | | | | | |
| Valencia ... | 30.35 f | — .08 | 50 | 50 | 0 | 53 | 48 | SW | 3 | 3 | SSW | ? | f r | 0.21 | 4 |
| Roche's Point ... | 30.41 f | — .02 | 49 | 49 | + .4 | 52 | 45 | S | 4 | 4 | S | 10 | m f | 0.08 | 3 |
| Pembroke ... | 30.49 f | + .03 | 46 | 43 | 0 | 45 | 43 | S | 4 | 5 | S | 9 | o w | — | 0 |
| Portishead ... | 30.55 f | + .05 | 41 | 40 | — .2 | 46 | 31 | Z | 0 | 3 | E | 3 | g b | — | 4 |
| Scilly ... | 30.45 f | + .01 | 47 | 47 | — .1 | 57 | 46 | SSE | 5 | 5 | SSE | 9 | o | — | * |
| Plymouth ... | 30.54 f | + .07 | 43 | 42 | — .3 | 48 | 41 | SE | 1 | 3 | E | 10 | g o | — | 3 |
| Hurst Castle ... | 30.59 f | + .10 | 42 | 39 | — .2 | 42 | 33 | SSW | 2 | 5 | E | 5 | b c | — | 3 |
| Dover ... | 30.64 s | + .16 | 38 | 36 | — .2 | 43 | 36 | SSE | 4 | 4 | ENE | 4 | c | — | * |
| London ... | 30.60 f | + .08 | 34 | 34 | — .5 | 45 | 31 | S | 2 | 2 | NE | 2 | m c b | — | * |
| Oxford ... | 30.56 f | + .04 | 33 | 32 | — .4 | 41 | 31 | S | 1 | 3 | ENE | 3 | c b | — | * |
| Cambridge ... | 30.59 f | + .02 | 34 | 34 | — .4 | 43 | 33 | SSW | 1 | 1 | NE | 7 | c | — | 3 |
| Yarmouth ... | 30.57 s | + .06 | 38 | 37 | — .1 | 42 | 35 | SSW | 3 | 3 | NE | 7 | b w | — | * |
| Helder ... | | | | | | | | | | | | | | | |
| Cape Gris Nez ... | 30.60 f | + .20 | 32 | 30 | — .9 | 44 | 32 | SSE | 3 | 5 | NE | 5 | c | — | 2 |
| Brest ... | 30.56 f | ? | 41 | 41 | — | 53 | 39 | SSE | 5 | 5 | SSE | 1 | b | — | 3 |
| L'Orient ... | ? | ? | 32 | 30 | — .18 | ? | ? | E | 3 | 4 | E | 1 | b | — | 3 |
| Rochefort ... | 30.50 s | + .03 | 34 | 32 | — .16 | 55 | 31 | ENE | 5 | 7 | NW | 0 | f b | — | 3 |
| Biarritz ... | 30.44 f | — .10 | 37 | 35 | — .7 | 52 | 32 | E | 4 | 4 | NW | 5 | o f b | — | 1 |
| Corunna ... | 30.47 | — | 46 | * | — | * | * | E | ? | * | * | * | c | — | * |
| Brussels ... | 30.66 | + .25 | 32 | * | — .8 | * | * | E | 3 | * | * | * | c | — | * |
| Charleville ... | 30.62 | ? | 26 | * | — .14 | * | * | ENE | 1 | * | * | * | b | — | * |
| Paris ... | 30.67 s | + .32 | 32 | * | — .13 | ? | 31 | E | 3 | 5 | NNE | 1 | f b | — | * |
| Lyons ... | ? | ? | 39 | * | — .6 | * | * | N | 3 | * | * | * | b | — | 4 |
| Toulon ... | 30.18 s | — .01 | 47 | 40 | + .6 | 62 | 40 | ? | 1 | 7 | W | 1 | c b | — | * |

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | C. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | C. | Wca. | Sea. |
|-----------------|-------|------|------|-------|----|------|------|---|---------------|-------|------|-------|-----|------|------|
| Skudesnaes ... | 30.52 | 31 | 30 | NW | 2 | * | 0 | 2 | Valencia ... | 30.47 | 57 | 50 | SW | 3 | 8 |
| Thurso ... | 30.28 | 37 | 35 | S | 4 | 9 | 9 | 3 | Scilly ... | 30.53 | 49 | 49 | SE | 3 | 8 |
| Scarborough ... | 30.60 | 44 | 38 | S | 2 | 8 | 0 | 3 | London ... | 30.63 | 43 | 40 | ENE | 1 | 3 |
| Greencastle ... | 30.41 | 44 | 43 | SE | 5 | 10 | 9 | * | Rochefort ... | 30.46 | 54 | 50 | W | 5 | 3 |
| Holyhead ... | 30.54 | 44 | 42 | SSW | 3 | 6 | m g | 2 | | | | | | | |

The barometer is falling slowly in the N., but has risen elsewhere, most in the S and E of England. The S^d wind is extending slowly to the Eth with gloomy weather.

EXPLANATION OF COLUMNS.

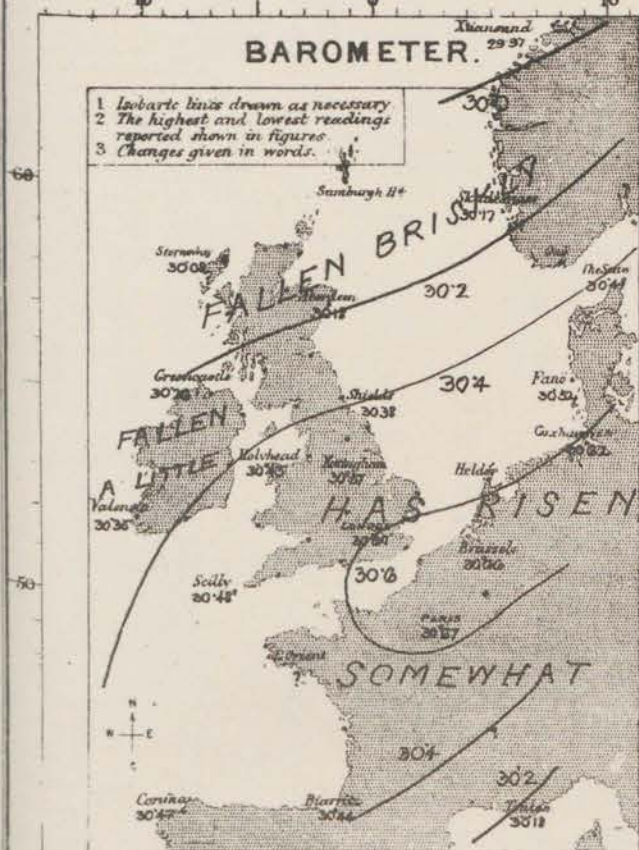
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS AND REMARKS FOR SUNDAY 31ST JANUARY 1875 AT 8 A.M.

BAROMETER.

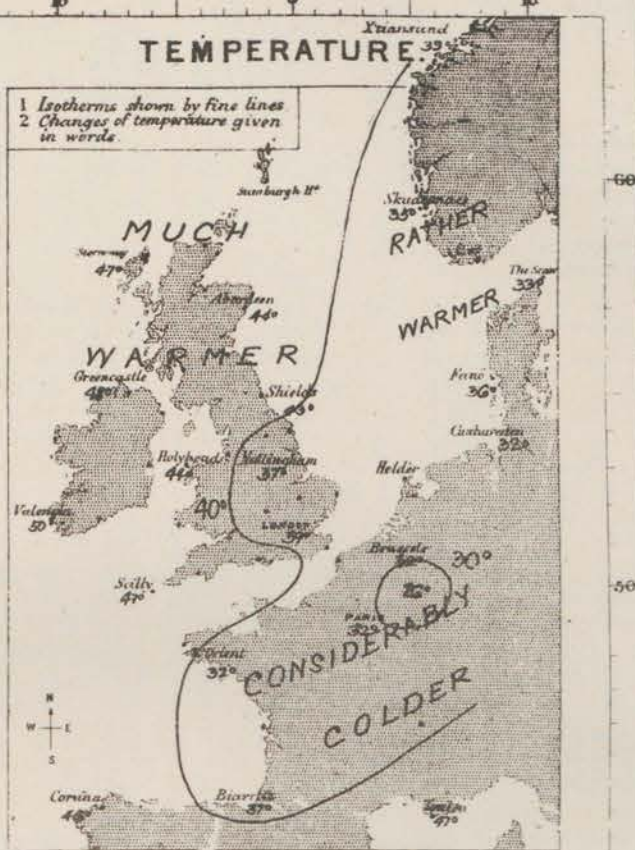
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



Since yesterday morning a rather brisk fall of the barometer has set in on all our northern coasts and has extended to most of our southern stations during the night. On the Continent, however, pressure has risen somewhat, especially in Germany and the north east of France. The area of highest pressure (exceeding 30.6 in.) is now found over the Netherlands and our south-eastern stations, and the gradient from Nottingham to Stornoway is 0.07 in., while that from Amsterdam to Stornoway is 0.10 in. per 50 miles. For SW winds.

TEMPERATURE.

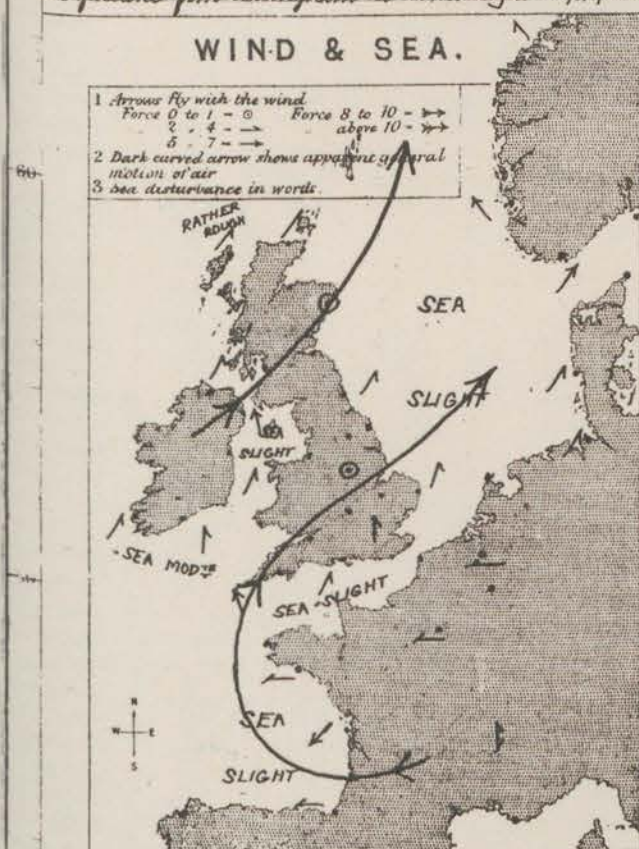
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen several degrees generally except in France and the south-east of our Islands, where a considerable decrease has taken place.

WIND & SEA.

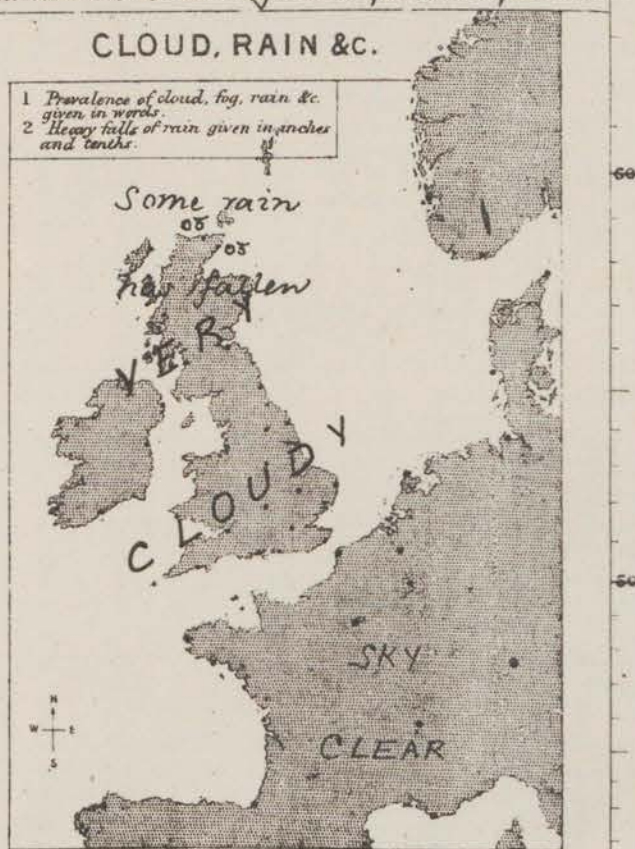
- 1 Arrows fly with the wind.
Force 0 to 1 - - -
2 - 4 - - -
6 - 7 - - -
Force 8 to 10 - - -
above 10 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words.



The wind is generally moderate from S. or SW over the United Kingdom and North Sea. An E. current is reported from the French stations. The sea is rather rough at Stornoway, moderate or slight elsewhere.

CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Some rain has fallen in the north and west of our Islands - heavily in Caithness. The sky is very cloudy except in France.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/- per quarter.
Post 5/- per quarter.

Meteorological Office
116, Victoria Str., Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. 22, Bedford St. Covent Garden.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JANUARY 1875

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE. | STATIONS. | BAROMETER. | | THERMOMETERS. (in shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Disturb- ance. 0 to 2. | |
|------------------|---------------|---|-------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|--|-------------------------------------|--------|
| | | At 8 A.M. Reduced to 32° F. at the Mean Sea Level. | Change since yesterday. | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extremes. | | | | | |
| | | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. (0 to 12.) | Force. (0 to 12.) | | | | | Dirac. |
| 1 st | Haparanda | 30.32 | -10 | 15 | 15 | -5 | * | * | SW | 1 | 1 | SW | * | bo | * | * |
| | Hernösund | 30.46 | -20 | -2 | -2 | +9 | * | * | NW | 2 | 2 | NNW | * | b | * | * |
| | Stockholm | 30.49 | -09 | 14 | 14 | -6 | * | * | WNW | 4 | 1 | N | * | o | * | * |
| | Visby | 30.53 | -03 | 25 | 25 | -5 | * | * | NE | 4 | 2 | E | * | bc | * | 2 |
| | Christiansund | 30.46 | -11 | 14 | 14 | -11 | 26 | ? | WNW | 4 | 1 | N | * | b | * | 2 |
| | Skudonæs | 30.45 | -01 | 29 | 25 | -3 | 34 | ? | SE | 6 | 4 | E | * | b | * | 4 |
| | Oxö | 30.50 | +09 | 26 | 24 | -5 | 26 | 25 | NE | 6 | 6 | NE | * | o | * | 4 |
| | Alesund | 30.407 | +13 | 24 | 20 | +2 | ? | 20 | SE | 3 | 2 | SE | ? | co | — | 7 |
| | Lumburgh H. | 30.104 | -11 | 37 | 37 | +4 | 37 | 30 | SE | 7 | 7 | SE | 10 | + | 0.23 | 4 |
| | Brest | 29.904 | -16 | 40 | 40 | +2 | 41 | 34 | SE | 7 | 7 | SE | 10 | ro | 0.75 | 1 |
| | Corunna | 30.24 | ? | 49 | * | ? | * | * | SW | 1 | * | * | * | c | * | 5 |
| | Toulon | 29.994 | +12 | 32 | 25 | +6 | 43 | 29 | NW | 5 | 5 | NW | 1 | bm | — | 5 |
| 2 nd | Skudonæs | 30.38 | * | 29 | 25 | * | * | * | ESE | 8 | * | * | * | o | * | * |
| 2 nd | Haparanda | 30.06 | -26 | 14 | 14 | -1 | * | * | SSW | 1 | 1 | SW | * | c | * | * |
| | Hernösund | 30.20 | -26 | 8 | 8 | -10 | * | * | N | 2 | 2 | NNE | * | b | * | * |
| | Stockholm | 30.31 | -18 | 13 | 13 | -1 | * | * | WSW | 4 | 4 | SW | * | bo | * | * |
| | Visby | 30.41 | -12 | 25 | 25 | 0 | * | * | NW | 4 | 4 | W | * | c | * | 2 |
| | Christiansund | 29.91 | -55 | 28 | 26 | +14 | 28 | 25 | ESE | 3 | 2 | SSE | * | b | * | 7 |
| | Skudonæs | 29.84 | -61 | 34 | 30 | +5 | ? | 28 | SE | 8 | 6 | SSE | * | bo | * | 7 |
| | Oxö | 30.12 | -38 | 30 | 28 | +4 | 30 | 25 | SE | 6 | 6 | NE | * | c | * | 3 |
| | Cape Brishög | 29.914 | -32 | 41 | 39 | +1 | ? | 24 | W | 4 | 7 | S | 6 | mc | 0.20 | 2 |
| 3 rd | Harin | 29.164 | -13 | 40 | 38 | +3 | 42 | 38 | W | 3 | 3 | SW | 8 | o | 0.09 | * |
| 4 th | Haparanda | 30.31 | — | 2 | 2 | — | * | * | NW | 4 | 2 | NW | * | bo | * | * |
| | Hernösund | 29.76 | -13 | 3 | 3 | -9 | * | * | ? | ? | ? | ? | * | ? | * | * |
| | Stockholm | 29.75 | -31 | 29 | 28 | +13 | * | * | SSW | 2 | 0 | Z | * | sf | * | * |
| | Visby | 29.80 | -27 | 31 | 31 | +8 | * | * | SE | 2 | 2 | SW | * | ct | * | 4 |
| | Christiansund | 29.73 | +10 | 29 | 27 | -8 | 36 | 28 | ESE | 2 | 4 | E | * | b | * | 5 |
| | Skudonæs | 29.75 | -13 | 35 | 34 | +8 | 39 | ? | NNE | 2 | 6 | SE | * | co | * | 3 |
| | Oxö | 29.73 | -15 | 30 | 29 | +3 | 30 | ? | N | 4 | 4 | NNE | * | so | * | 2 |
| | Thurso | 29.577 | +66 | 39 | 38 | +1 | 44 | 35 | ESE | 2 | 9 | W | 8 | ro | 0.14 | 2 |
| | Trick | 29.567 | +45 | 42 | 40 | -1 | 43 | 35 | SSE | 3 | 8 | W | 10 | co | — | 2 |
| 5 th | Corunna | 30.15 | — | 57 | * | — | * | * | SW | 3 | * | * | * | c | * | 5 |
| 6 th | Corunna | 29.98 | -17 | 53 | * | +2 | * | * | S | 3 | * | * | * | c | * | 1 |
| 7 th | Corunna | 30.07 | +09 | 54 | * | +1 | * | * | SW | 4 | * | * | * | c | * | 5 |
| 8 th | Brest | 30.084 | +10 | 48 | 45 | +1 | 50 | 43 | SSE | 5 | 5 | SSE | 1 | b | 0.12 | 6 |
| 9 th | Lumburgh H. | 29.874 | -16 | 42 | 40 | 0 | 47 | 40 | SE | 6 | 2 | S | 10 | go | — | 5 |
| | Corunna | 29.89 | ? | 57 | * | ? | * | * | SW | ? | * | * | * | c | * | 3 |
| | Toulon | 30.285 | +05 | 44 | 42 | -1 | 48 | 42 | NE | 4 | 4 | E | 9 | ro | 0.08 | 5 |
| 10 th | Lumburgh H. | 29.604 | -27 | 42 | 40 | 0 | 44 | 39 | SSW | 5 | 7 | SE | 7 | rg | 0.26 | 4 |
| 11 th | Lumburgh H. | 29.757 | -05 | 42 | 42 | 0 | 44 | 39 | SSW | 3 | 5 | SSW | 10 | o | — | 3 |
| 12 th | Lumburgh H. | 29.867 | +11 | 43 | 43 | +1 | 44 | 38 | SE | 2 | 2 | SSW | 10 | g | — | 4 |
| 13 th | Lumburgh H. | 29.907 | +04 | 43 | 43 | 0 | 44 | 40 | SE | 5 | 3 | ? | 10 | du | 0.03 | 4 |
| 14 th | Lumburgh H. | 29.774 | -13 | 44 | 44 | +1 | 45 | 40 | SE | 5 | 3 | SE | 10 | f | — | 5 |
| | Corunna | 30.14 | ? | 55 | * | ? | * | * | S | 6 | * | * | * | c | — | 4 |
| 15 th | Lumburgh H. | 29.677 | -10 | 43 | 43 | -1 | 46 | 39 | W | 3 | 3 | S | 8 | fg | 0.16 | 5 |
| 16 th | Lumburgh H. | 29.244 | -43 | 43 | 43 | 0 | 46 | 40 | WSW | 4 | 5 | S | 7 | rg | 0.57 | 2 |
| 17 th | Lumburgh H. | 29.257 | +01 | 41 | 41 | -2 | 45 | 39 | Z | 0 | 1 | SSW | 7 | p | 0.23 | 1 |
| | Aberdeen | 29.467 | +14 | 38 | 36 | -5 | 46 | 35 | WSW | 1 | 2 | S | 2 | cb | — | 4 |
| 18 th | Lumburgh H. | 29.294 | +04 | 41 | 41 | 0 | 45 | 38 | SE | 4 | 1 | W | 5 | pc | 0.23 | 5 |
| | L'Orient | 30.107 | +10 | 50 | 50 | 0 | ? | ? | W | 5 | 7 | W | 10 | f | 0.20 | 5 |
| | Rocheport | 30.237 | +10 | 52 | 50 | 0 | 56 | 48 | W | 5 | 11 | W | 10 | fo | 0.04 | 4 |
| | Biarritz | 30.385 | 00 | 54 | 54 | -1 | 57 | 50 | SW | 3 | 5 | W | 8 | co | — | * |
| | Corunna | 30.44 | ? | 52 | * | ? | * | * | SW | 3 | * | * | * | c | * | * |
| | Boussels | 29.91 | +17 | 48 | * | +5 | * | * | W | 3 | * | * | * | ro | * | * |
| | Paris | 30.077 | -09 | 52 | * | +2 | ? | 57 | WSW | 4 | 4 | W | 10 | ot | 0.59 | 7 |
| 22 nd | Lilly | 29.93 | * | 52 | 52 | * | * | * | SSW | 7 | * | * | 9 | o | * | * |
| 19 th | Skagen | 29.31 | -38 | 26 | 25 | 0 | * | * | N | 2 | 8 | SE | * | so | 0.08 | * |
| | Faro | 29.39 | -28 | 40 | 40 | +4 | * | * | WSW | 6 | 6 | WSW | * | + | 0.43 | 6 |
| | Lumburgh H. | 28.965 | -34 | 44 | 43 | +3 | 45 | 41 | W | 6 | 6 | W | 8 | ro | 0.70 | * |
| 20 th | Skagen | 28.86 | -45 | 38 | 38 | +12 | * | * | WSW | 4 | 6 | SW | * | + | 0.24 | * |
| | Faro | 29.09 | -30 | 44 | 42 | +4 | * | * | WSW | 8 | 8 | WSW | * | rc | 0.35 | 5 |
| | Lumburgh H. | 29.117 | +16 | 30 | 30 | -14 | 44 | 29 | NNE | 6 | 7 | NNW | 7 | rts | 0.73 | * |
| 21 st | Alesund | 29.304 | -05 | 43 | 42 | -6 | 49 | ? | WSW | 6 | 9 | WSW | 8 | o | 0.03 | 4 |
| | Lumburgh H. | 29.124 | +01 | 31 | 31 | +1 | 33 | 27 | NNW | 4 | 4 | NNE | 7 | ap | 0.04 | 7 |
| | Cape Brishög | 29.284 | -46 | 44 | 42 | -5 | 50 | 41 | WSW | 11 | 7 | WSW | 10 | mr | 0.16 | 6 |
| | Brest | 29.824 | -14 | 57 | 57 | 0 | 52 | 45 | W | 7 | 9 | WSW | 10 | f | 0.12 | 7 |
| | Corunna | 30.40 | +06 | 53 | * | +1 | * | * | W | 6 | * | * | * | sf | * | * |
| | Paris | 29.694 | -33 | 47 | * | -2 | 57 | 45 | SW | 9 | 9 | SW | 10 | ro | 0.12 | 6 |
| 22 nd | Lumburgh H. | 29.427 | +30 | 31 | 29 | 0 | 32 | 26 | NNW | 6 | 5 | SE | 7 | sp | 0.05 | 6 |
| | Brest | 30.047 | +22 | 41 | 39 | -10 | 53 | 40 | N | 4 | 9 | WSW | ? | ro | 0.43 | 5 |
| | Corunna | 30.24 | -16 | 55 | * | +2 | * | * | N | 3 | * | * | * | co | * | 4 |
| 23 rd | Lumburgh H. | 29.534 | +11 | 35 | 34 | +4 | 35 | 26 | SE | 4 | 3 | N | 10 | co | — | 1 |
| | Corunna | 30.38 | +14 | 54 | * | -1 | * | * | W | 3 | * | * | * | c | * | 3 |
| 24 th | Liverpool | 28.844 | -64 | 42 | 39 | +6 | 50 | 38 | WSW | 4 | 7 | W | 3 | ob | 0.27 | * |
| 25 th | Haparanda | 29.58 | -09 | -33 | -33 | +4 | * | * | N | 4 | 4 | N | * | b | * | * |
| | Hernösund | 29.55 | -18 | -22 | -22 | +16 | * | * | N | 2 | 0 | Z | * | bc | * | * |
| | Stockholm | 29.23 | -59 | 21 | 21 | +42 | * | * | ENE | 6 | 4 | E | * | os | * | * |

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY. (continued).

| STATIONS. | BAROMETER. | | THERMOMETERS. (In shade). | | | | WIND. | | | | Amount of Cloud 0 to 10. | Weather. By Beaufort Scale. | Rainfall. — In past 24 Hours. | Sea Disturb- ance. — 0 to 9. | |
|---------------|--|------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|---------------------------|----------------------|--------------------------------|--------------------------------------|--|--|--------|
| | At 8 A.M. Reduced to 32° F. at the Mean Sea Level | Change since yesterday | At 8 A.M. | | Change in the dry bulb since yesterday. | In past 24 hours. | | At 8 A.M. | | Extreme. | | | | | |
| | | | Dry bulb. | Wet bulb. | | Max. | Min. | Dirac. | Force. — (0 to 12.) | Force. (0 to 12.) | | | | | Dirac. |
| Misby | 29.24 | — | 25 | 25 | — | * | * | E | 2 | 6 | E | * | sc | * | * |
| L'Orient | 29.42 | +18 | 49 | 49 | +2 | ? | ? | W | 7 | 11 | W | * | bo | 0.32 | 7 |
| Haparanda | 29.80 | +22 | -31 | -31 | +2 | * | * | SE | 2 | 1 | N | * | b | * | * |
| Helsingfors | 29.88 | +33 | -29 | -29 | -7 | * | * | N | 2 | 2 | NE | * | cb | * | * |
| Stockholm | 29.61 | +38 | 11 | 10 | -10 | * | * | NNE | 6 | 4 | NE | * | o | * | * |
| Coruna | 30.42 | — | 53 | * | — | * | * | SE | 1 | * | * | * | o | * | 1 |
| Coruna | 30.46 | — | 57 | * | — | * | * | SE | 1 | * | * | * | c | * | 1 |
| Paris | 30.35 | -0.03 | 31 | * | -3 | 46 | 31 | S | 3 | 4 | SE | 0 | cb | — | * |
| Haparanda | 29.47 | -34 | 29 | 28 | +10 | * | * | SW | 2 | 4 | S | * | bo | * | * |
| Helsingfors | 29.58 | -28 | 35 | 35 | +8 | * | * | SW | 2 | 2 | SW | * | co | * | * |
| Stockholm | 29.81 | -39 | 28 | 26 | +4 | * | * | SSW | 2 | 4 | SSW | * | bo | * | * |
| Misby | 30.05 | -36 | 32 | 31 | +2 | * | * | SE | 4 | 2 | S | * | bc | * | * |
| Christiansund | 29.71 | +18 | 34 | 32 | -5 | 45 | ? | SW | 8 | 3 | SSW | * | cs | — | 6 |
| Coruna | 30.57 | — | 57 | * | — | * | * | SE | 1 | * | * | * | of | * | 2 |
| Liverpool | 30.46 | -0.08 | 41 | 39 | +3 | 41 | 37 | SE | 3 | 4 | SE | 10 | bm | — | 2 |

2. CORRECTIONS

In the Report for Dec. 16th 1874 the amount of snow which had fallen in London should read 0.31, instead of 0.65.

| | | | | | | | | | | | | | | |
|--------------|-------|-----|----|----|----|----|----|-----|----|---|-----|---|------|---|
| Kingstown | — | — | — | — | — | — | — | — | 10 | — | — | — | — | — |
| Roche P. | — | — | — | — | — | — | — | — | 6 | — | — | — | — | — |
| Bonaghadee | — | — | — | — | — | — | — | — | — | — | S | 3 | — | — |
| Roche P. | — | — | — | — | — | — | — | — | — | — | — | — | 0.65 | — |
| Summerville | — | — | — | — | — | — | — | — | — | — | SSE | — | — | — |
| Portishead | — | — | — | — | — | — | — | WSW | — | — | — | — | 0.47 | — |
| Valencia | — | — | — | — | — | — | — | — | — | — | — | — | 0.36 | — |
| Cambridge | — | — | — | — | -4 | — | — | — | — | — | — | — | — | — |
| Valencia | — | — | — | — | — | — | — | — | — | — | — | — | 0.61 | — |
| Holyhead | — | — | — | — | — | — | — | — | — | — | — | — | 0.08 | — |
| Pembroke | — | — | — | — | — | — | — | SE | — | — | SE | — | — | — |
| Roche P. | — | — | — | — | — | — | — | — | — | — | — | — | 0.48 | — |
| Stornoway | — | — | — | — | — | — | — | — | — | — | — | — | 0.22 | — |
| Leith | — | — | — | — | — | — | — | NE | — | — | — | — | — | — |
| Hurst Castle | — | — | — | 46 | — | — | — | — | — | — | — | — | — | — |
| Kingstown | — | — | — | — | — | — | — | SSE | — | — | — | — | — | — |
| Kingstown | — | — | — | — | — | — | — | E | — | — | — | — | — | — |
| Portishead | — | — | — | — | — | — | 45 | SSW | — | — | — | — | — | — |
| Thurso | — | — | — | — | — | — | — | — | — | — | SSW | — | — | — |
| Bonaghadee | — | — | — | — | — | — | — | — | — | — | — | — | 0.25 | — |
| Bonaghadee | — | — | — | — | — | — | — | — | — | — | — | — | 0.07 | — |
| Nottingham | 29.67 | +07 | — | — | — | — | — | — | — | — | — | — | — | — |
| Valencia | — | — | — | — | — | — | — | — | 5 | — | — | — | — | 6 |
| Thurso | — | — | 41 | 40 | +1 | — | — | — | — | — | — | — | — | — |
| Merdeen | 29.34 | -12 | — | — | — | — | — | — | — | — | — | — | 0.29 | — |
| Holyhead | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Valencia | — | — | — | — | — | — | — | — | 5 | — | — | — | — | — |
| Thurso | — | — | — | — | +1 | — | — | — | — | — | — | 8 | — | — |
| Stornoway | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 |
| Andromeda | — | — | — | — | — | — | — | W | — | — | — | — | — | — |
| Portishead | — | — | — | — | — | — | — | — | — | — | W | — | — | — |
| Cambridge | — | — | — | — | — | — | — | — | — | — | SW | — | — | — |
| Valencia | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cambridge | — | — | — | — | — | — | — | WNW | — | 4 | — | — | — | — |
| Thurso | — | — | — | — | — | — | — | — | — | 6 | N | — | — | — |
| Kingstown | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bover | — | — | 40 | 38 | +7 | 42 | — | — | — | — | — | — | — | — |
| Stornoway | — | — | — | — | — | — | — | — | — | — | — | — | — | 6 |
| Andromeda | — | — | — | — | — | — | — | — | — | — | SW | — | — | — |
| Valencia | 28.72 | -86 | — | — | — | — | — | — | — | — | — | — | — | — |
| Pembroke | 29.03 | -54 | — | — | — | — | — | N | — | — | — | — | — | — |
| Merdeen | — | — | — | — | — | — | — | — | — | — | SW | — | — | — |
| Andromeda | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Portishead | — | — | 45 | 44 | +2 | — | — | — | — | — | — | — | — | — |
| Pembroke | — | +22 | — | — | — | — | — | — | — | — | — | — | 0.24 | — |
| Scilly | — | — | — | — | — | — | — | W | 9 | — | — | — | — | — |
| Valencia | — | — | — | — | — | — | — | — | 4 | — | — | — | — | — |
| Valencia | — | — | — | — | — | — | — | SW | — | — | SW | — | — | — |
| Oxford | 30.28 | +10 | — | — | — | — | — | — | — | — | — | — | — | — |
| Bonaghadee | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Liverpool | — | — | — | — | — | — | — | — | — | — | ENE | — | — | — |
| Roche P. | — | — | 44 | 43 | -5 | — | — | N | — | — | — | — | — | — |
| Kingstown | — | — | — | 47 | — | — | — | — | — | — | — | — | — | — |

The following observations, which were queried in the Report have since been ascertained to be correct:—
 The Barometer reading at Dover on the 4th
 The Min. Temperature at Oxford do 7th
 The Dry and Wet Bulb Temp. at Pembroke on the 18th
 The Barometer reading at Hurst Castle do 27th