

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1st JANUARY 30th JUNE.

1874.

Thurs. day 8 a.m.

WEATHER REPORT.

Jan 7 1st

1874.

STATIONS	BAROMETER		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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 ...	29.49	-.04	31	31	+2	*	*	SW	4	2	SW	*	c	*
Hernösand ...	29.59	-.03	29	29	-1	*	*	SSW	2	4	SSW	*	c	*
Stockholm ...	29.82	-.08	33	31	+4	*	*	SSW	2	4	SSW	*	bo	*
Wisby ...	30.04	-.03	35	33	+4	*	*	SW	6	2	SW	*	bo	*
Christiansund ...	29.36	+22	41	38	-4	*	*	WSW	9	2	S	*	r	*
Skudesnaes ...	29.65	+35	45	44	+1	*	*	SSW	6	6	S	*	c	*
Oxö (X thousand)	29.73	+17	43	42	+5	*	*	SW	6	8	S	*	rb	*
Skagen (The Shaw)						*	*			*	*	*		*
Fanö ...						*	*			*	*	*		*
Cuxhaven ...	30.00	+20	37	37	+10	?	25	WSW	2	3	SSW	9	mf	0.03
Smaburgh Head														
Stornoway (H. bridges)	29.53	+75	46	45	+5	46	36	SW	6	6	SW	10	co	0.13
Thurso ...	29.56	+74	39	38	-1	46	38	SSW	2	5	W	6	c	0.10
Wick ...	29.61	+72	42	40	-1	45	37	SW	3	7	W	8	go	0.04
Nairn ...	29.69	+77	44	42	+2	47	39	SSW	2	4	SSW	6	c	0.01
Aberdeen ...	29.74	+69	41	38	-2	46	37	SSW	1	3	SSW	6	be	0.01
Leith ...	29.88	+73	44	42	0	48	41	W	3	4	W	6	be	-
Shields... 8.40 A.M.	30.00	+69	42	41	-1	46	39	WSW	4	4	WSW	8	bm	-
York ...	30.00	+61	40	39	-2	47	36	SW	1	1	S	9	cf	-
Scarborough ...	29.99	+60	38	38	-5	44	37	WSW	2	3	SW	1	cb	-
Nottingham ...	30.09	+62	41	40	-3	50	33	S	1	4	SSW	10	bm	-
Ardrossan ...	29.91	+74	46	44	-1	50	44	SW	3	6	SW	5	c	0.04
Greencastle ...	29.88	+72	44	43	+1	44	41	WSW	5	5	SW	10	pg	0.17
Donaghadee ...	29.96	+74	39	38	-2	45	38	S	4	6	SSW	2	cb	-
Kingstown ...	30.05	+73	45	42	0	46	43	SW	2	6	W	5	be	-
Holyhead ...	30.03	+69	45	43	-1	47	44	SSW	2	7	?	0	cm	-
Liverpool (Bidston Obs.)	30.04	+64	43	41	-2	48	41	WSW	3	5	W	5	c	-
Valencia ...	30.10	+61	49	47	+2	50	42	SW	4	6	WNW	6	p	0.10
Roche's Point ...	30.12	+68	44	43	-4	48	40	W	2	6	WNW	5	c	0.02
Pembroke ...	30.14	+69	48	44	-1	49	46	W	4	6	WNW	3	cb	-
Portishead ...	30.15	+64	41	40	-4	52	39	W	3	6	WSW	3	ab	0.02
Seilly ...	30.24	+65	48	45	-1	50	45	W	4	6	W	6	pe	0.02
Plymouth ...	30.21	+65	39	39	-8	52	37	NE	1	3	WNW	1	cf	-
Portsmouth ...	30.21	+59	39	38	-3	50	37	WNW	1	4	SW	7	bm	-
Dover ...	30.13	+33	41	39	-6	48	37	WNW	3	5	SW	5	be	-
London ...	30.14	+60	36	35	-12	52	34	SW	1	3	WSW	2	cb	-
Oxford ...	30.13	+60	37	36	-9	49	36	WSW	2	4	WSW	0	cb	0.04
Cambridge ...	30.13	+61	37	36	-8	50	34	SW	1	5	SW	0	b	-
Yarmouth ...	30.09	+34	35	35	-10	48	33	W	2	4	SW	3	cm	0.01
Helder ...	30.02	+36	42	*	+7	*	*	WSW	3	*	*	*	*	*
Cape Gris Nez...	30.13	+50	43	41	-2	47	42	W	4	7	WSW	0	ob	-
Brest ...	30.28	+57	48	48	-3	53	45	N	3	4	WNW	1	ob	-
L'Orient ...	30.22	+53	41	41	-9	52	39	?	1	4	WSW	0	fb	-
Rochefort ...	30.28	+35	41	39	-2	50	37	NNE	4	5	S	0	rb	?
Biarritz ...	30.29	+33	48	46	-7	53	45	E	1	5	S	9	r	0.07
Corunna ...				*		*	*			*	*	*		*
Brussels ...	30.14	+42	41	*	0	*	*	WNW	3	*	*	*	c	*
Charleville ...	30.14	?	37	*	+9	*	*	SSW	1	*	*	*	f	*
Paris ...	30.23	+37	36	*	-2	43	36	WSW	3	?	?	5	m	0.08
Lyons ...	?	?	46	*	+5	*	*	S	1	*	*	*	f	*
Toulon...	30.17	-.02	39	39	0	44	36	E	5	4	SE	10	r	0.08

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

	Bar	Dry.	Wet.	Wind	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind	C.	Wea.		
Skudesnaes ...	29.36	45	44	S	8	*	o	7	Valencia ...	29.68	47	44	WNW	6	6	p
Thurso ...	28.95	45	42	SSW	3	5	c	2	Scilly ...	29.72	49	46	W	6	5	p
Scarborough...	29.46	44	43	SW	3	5	c	3	London ...	29.64	50	47	WSW	3	6	be
Greencastle ...	29.33	44	42	WSW	5	6	c	*	Rochefort ...	29.90	49	47	SW	5	10	o
Holyhead ...	29.46	46	44	SW	3	4	c	4								

The recovery of pressure at our south-western stations has extended to all parts of the British Isles and the wind is veering towards W in the south of England. The weather is showery at Valencia and Seilly.

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 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; i. m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. w. 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 opposite direction.

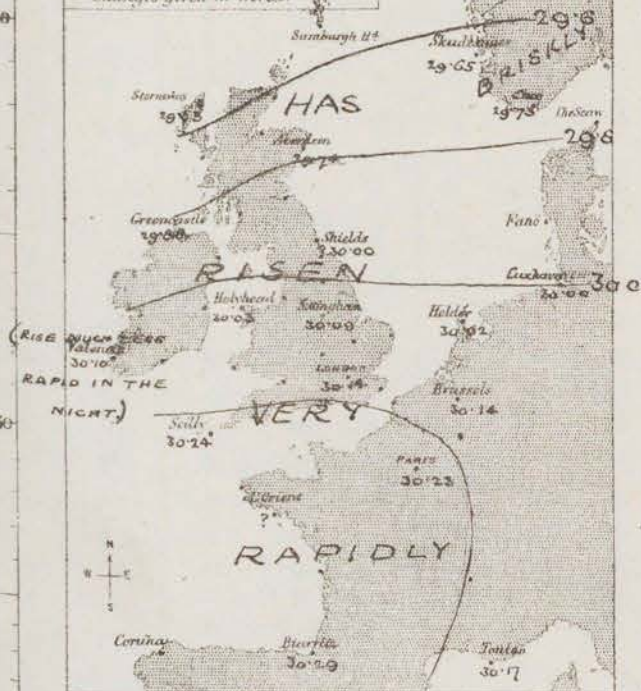
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 1ST JANUARY 187⁴ AT 8 A.M.

BAROMETER.

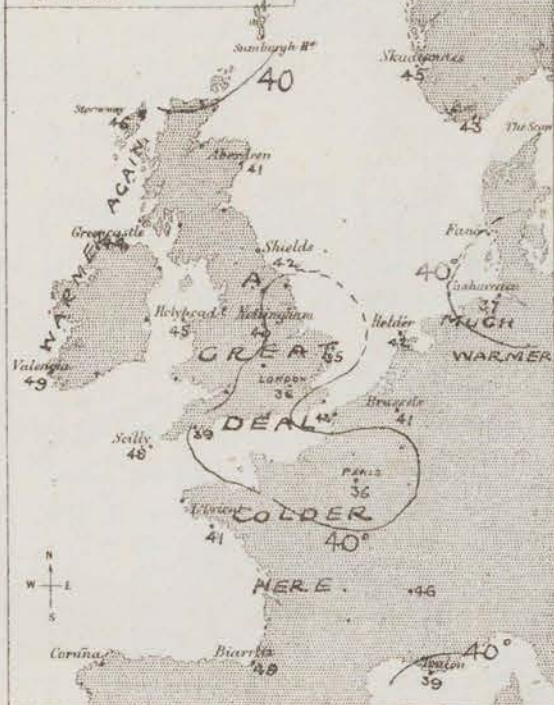
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The recovery of pressure noticed yesterday has extended to all parts of our Islands and France having been very rapid, especially at the North stations. The highest readings are reported from the French stations and while the gradient from Sully to Antwerp is 0.05 in. that from Antwerp to Stornoway is 0.15 in. per 50 miles.

TEMPERATURE.

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



Temperature has fallen considerably over France as well as the south and east of England; but risen many degrees in the Netherlands and a few degrees on the most western coasts of Ireland and Scotland.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 2 to 10 - 1 to 10, Force 11 to 15 - 11 to 15, Force 16 to 20 - 16 to 20, Force 21 to 25 - 21 to 25, Force 26 to 30 - 26 to 30, Force 31 to 35 - 31 to 35, Force 36 to 40 - 36 to 40, Force 41 to 45 - 41 to 45, Force 46 to 50 - 46 to 50, Force 51 to 55 - 51 to 55, Force 56 to 60 - 56 to 60, Force 61 to 65 - 61 to 65, Force 66 to 70 - 66 to 70, Force 71 to 75 - 71 to 75, Force 76 to 80 - 76 to 80, Force 81 to 85 - 81 to 85, Force 86 to 90 - 86 to 90, Force 91 to 95 - 91 to 95, Force 96 to 100 - 96 to 100, Force 101 to 105 - 101 to 105, Force 106 to 110 - 106 to 110, Force 111 to 115 - 111 to 115, Force 116 to 120 - 116 to 120, Force 121 to 125 - 121 to 125, Force 126 to 130 - 126 to 130, Force 131 to 135 - 131 to 135, Force 136 to 140 - 136 to 140, Force 141 to 145 - 141 to 145, Force 146 to 150 - 146 to 150, Force 151 to 155 - 151 to 155, Force 156 to 160 - 156 to 160, Force 161 to 165 - 161 to 165, Force 166 to 170 - 166 to 170, Force 171 to 175 - 171 to 175, Force 176 to 180 - 176 to 180, Force 181 to 185 - 181 to 185, Force 186 to 190 - 186 to 190, Force 191 to 195 - 191 to 195, Force 196 to 200 - 196 to 200, Force 201 to 205 - 201 to 205, Force 206 to 210 - 206 to 210, Force 211 to 215 - 211 to 215, Force 216 to 220 - 216 to 220, Force 221 to 225 - 221 to 225, Force 226 to 230 - 226 to 230, Force 231 to 235 - 231 to 235, Force 236 to 240 - 236 to 240, Force 241 to 245 - 241 to 245, Force 246 to 250 - 246 to 250, Force 251 to 255 - 251 to 255, Force 256 to 260 - 256 to 260, Force 261 to 265 - 261 to 265, Force 266 to 270 - 266 to 270, Force 271 to 275 - 271 to 275, Force 276 to 280 - 276 to 280, Force 281 to 285 - 281 to 285, Force 286 to 290 - 286 to 290, Force 291 to 295 - 291 to 295, Force 296 to 300 - 296 to 300, Force 301 to 305 - 301 to 305, Force 306 to 310 - 306 to 310, Force 311 to 315 - 311 to 315, Force 316 to 320 - 316 to 320, Force 321 to 325 - 321 to 325, Force 326 to 330 - 326 to 330, Force 331 to 335 - 331 to 335, Force 336 to 340 - 336 to 340, Force 341 to 345 - 341 to 345, Force 346 to 350 - 346 to 350, Force 351 to 355 - 351 to 355, Force 356 to 360 - 356 to 360, Force 361 to 365 - 361 to 365, Force 366 to 370 - 366 to 370, Force 371 to 375 - 371 to 375, Force 376 to 380 - 376 to 380, Force 381 to 385 - 381 to 385, Force 386 to 390 - 386 to 390, Force 391 to 395 - 391 to 395, Force 396 to 400 - 396 to 400, Force 401 to 405 - 401 to 405, Force 406 to 410 - 406 to 410, Force 411 to 415 - 411 to 415, Force 416 to 420 - 416 to 420, Force 421 to 425 - 421 to 425, Force 426 to 430 - 426 to 430, Force 431 to 435 - 431 to 435, Force 436 to 440 - 436 to 440, Force 441 to 445 - 441 to 445, Force 446 to 450 - 446 to 450, Force 451 to 455 - 451 to 455, Force 456 to 460 - 456 to 460, Force 461 to 465 - 461 to 465, Force 466 to 470 - 466 to 470, Force 471 to 475 - 471 to 475, Force 476 to 480 - 476 to 480, Force 481 to 485 - 481 to 485, Force 486 to 490 - 486 to 490, Force 491 to 495 - 491 to 495, Force 496 to 500 - 496 to 500, Force 501 to 505 - 501 to 505, Force 506 to 510 - 506 to 510, Force 511 to 515 - 511 to 515, Force 516 to 520 - 516 to 520, Force 521 to 525 - 521 to 525, Force 526 to 530 - 526 to 530, Force 531 to 535 - 531 to 535, Force 536 to 540 - 536 to 540, Force 541 to 545 - 541 to 545, Force 546 to 550 - 546 to 550, Force 551 to 555 - 551 to 555, Force 556 to 560 - 556 to 560, Force 561 to 565 - 561 to 565, Force 566 to 570 - 566 to 570, Force 571 to 575 - 571 to 575, Force 576 to 580 - 576 to 580, Force 581 to 585 - 581 to 585, Force 586 to 590 - 586 to 590, Force 591 to 595 - 591 to 595, Force 596 to 600 - 596 to 600, Force 601 to 605 - 601 to 605, Force 606 to 610 - 606 to 610, Force 611 to 615 - 611 to 615, Force 616 to 620 - 616 to 620, Force 621 to 625 - 621 to 625, Force 626 to 630 - 626 to 630, Force 631 to 635 - 631 to 635, Force 636 to 640 - 636 to 640, Force 641 to 645 - 641 to 645, Force 646 to 650 - 646 to 650, Force 651 to 655 - 651 to 655, Force 656 to 660 - 656 to 660, Force 661 to 665 - 661 to 665, Force 666 to 670 - 666 to 670, Force 671 to 675 - 671 to 675, Force 676 to 680 - 676 to 680, Force 681 to 685 - 681 to 685, Force 686 to 690 - 686 to 690, Force 691 to 695 - 691 to 695, Force 696 to 700 - 696 to 700, Force 701 to 705 - 701 to 705, Force 706 to 710 - 706 to 710, Force 711 to 715 - 711 to 715, Force 716 to 720 - 716 to 720, Force 721 to 725 - 721 to 725, Force 726 to 730 - 726 to 730, Force 731 to 735 - 731 to 735, Force 736 to 740 - 736 to 740, Force 741 to 745 - 741 to 745, Force 746 to 750 - 746 to 750, Force 751 to 755 - 751 to 755, Force 756 to 760 - 756 to 760, Force 761 to 765 - 761 to 765, Force 766 to 770 - 766 to 770, Force 771 to 775 - 771 to 775, Force 776 to 780 - 776 to 780, Force 781 to 785 - 781 to 785, Force 786 to 790 - 786 to 790, Force 791 to 795 - 791 to 795, Force 796 to 800 - 796 to 800, Force 801 to 805 - 801 to 805, Force 806 to 810 - 806 to 810, Force 811 to 815 - 811 to 815, Force 816 to 820 - 816 to 820, Force 821 to 825 - 821 to 825, Force 826 to 830 - 826 to 830, Force 831 to 835 - 831 to 835, Force 836 to 840 - 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1001 to 1005, Force 1006 to 1010 - 1006 to 1010, Force 1011 to 1015 - 1011 to 1015, Force 1016 to 1020 - 1016 to 1020, Force 1021 to 1025 - 1021 to 1025, Force 1026 to 1030 - 1026 to 1030, Force 1031 to 1035 - 1031 to 1035, Force 1036 to 1040 - 1036 to 1040, Force 1041 to 1045 - 1041 to 1045, Force 1046 to 1050 - 1046 to 1050, Force 1051 to 1055 - 1051 to 1055, Force 1056 to 1060 - 1056 to 1060, Force 1061 to 1065 - 1061 to 1065, Force 1066 to 1070 - 1066 to 1070, Force 1071 to 1075 - 1071 to 1075, Force 1076 to 1080 - 1076 to 1080, Force 1081 to 1085 - 1081 to 1085, Force 1086 to 1090 - 1086 to 1090, Force 1091 to 1095 - 1091 to 1095, Force 1096 to 1100 - 1096 to 1100, Force 1101 to 1105 - 1101 to 1105, Force 1106 to 1110 - 1106 to 1110, Force 1111 to 1115 - 1111 to 1115, Force 1116 to 1120 - 1116 to 1120, Force 1121 to 1125 - 1121 to 1125, Force 1126 to 1130 - 1126 to 1130, Force 1131 to 1135 - 1131 to 1135, Force 1136 to 1140 - 1136 to 1140, Force 1141 to 1145 - 1141 to 1145, Force 1146 to 1150 - 1146 to 1150, Force 1151 to 1155 - 1151 to 1155, Force 1156 to 1160 - 1156 to 1160, Force 1161 to 1165 - 1161 to 1165, Force 1166 to 1170 - 1166 to 1170, Force 1171 to 1175 - 1171 to 1175, Force 1176 to 1180 - 1176 to 1180, Force 1181 to 1185 - 1181 to 1185, Force 1186 to 1190 - 1186 to 1190, Force 1191 to 1195 - 1191 to 1195, Force 1196 to 1200 - 1196 to 1200, Force 1201 to 1205 - 1201 to 1205, Force 1206 to 1210 - 1206 to 1210, Force 1211 to 1215 - 1211 to 1215, Force 1216 to 1220 - 1216 to 1220, Force 1221 to 1225 - 1221 to 1225, Force 1226 to 1230 - 1226 to 1230, Force 1231 to 1235 - 1231 to 1235, Force 1236 to 1240 - 1236 to 1240, Force 1241 to 1245 - 1241 to 1245, Force 1246 to 1250 - 1246 to 1250, Force 1251 to 1255 - 1251 to 1255, Force 1256 to 1260 - 1256 to 1260, Force 1261 to 1265 - 1261 to 1265, Force 1266 to 1270 - 1266 to 1270, Force 1271 to 1275 - 1271 to 1275, Force 1276 to 1280 - 1276 to 1280, Force 1281 to 1285 - 1281 to 1285, Force 1286 to 1290 - 1286 to 1290, Force 1291 to 1295 - 1291 to 1295, Force 1296 to 1300 - 1296 to 1300, Force 1301 to 1305 - 1301 to 1305, Force 1306 to 1310 - 1306 to 1310, Force 1311 to 1315 - 1311 to 1315, Force 1316 to 1320 - 1316 to 1320, Force 1321 to 1325 - 1321 to 1325, Force 1326 to 1330 - 1326 to 1330, Force 1331 to 1335 - 1331 to 1335, Force 1336 to 1340 - 1336 to 1340, Force 1341 to 1345 - 1341 to 1345, Force 1346 to 1350 - 1346 to 1350, Force 1351 to 1355 - 1351 to 1355, Force 1356 to 1360 - 1356 to 1360, Force 1361 to 1365 - 1361 to 1365, Force 1366 to 1370 - 1366 to 1370, Force 1371 to 1375 - 1371 to 1375, Force 1376 to 1380 - 1376 to 1380, Force 1381 to 1385 - 1381 to 1385, Force 1386 to 1390 - 1386 to 1390, Force 1391 to 1395 - 1391 to 1395, Force 1396 to 1400 - 1396 to 1400, Force 1401 to 1405 - 1401 to 1405, Force 1406 to 1410 - 1406 to 1410, Force 1411 to 1415 - 1411 to 1415, Force 1416 to 1420 - 1416 to 1420, Force 1421 to 1425 - 1421 to 1425, Force 1426 to 1430 - 1426 to 1430, Force 1431 to 1435 - 1431 to 1435, Force 1436 to 1440 - 1436 to 1440, Force 1441 to 1445 - 1441 to 1445, Force 1446 to 1450 - 1446 to 1450, Force 1451 to 1455 - 145

Fri-day 8 a.m.

WEATHER REPORT.

Jan 2nd

1874.

STATIONS	BAROMETER		THERMOMETERS (In shade)				WIND				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)				Dirce.
Haparanda ...	29.36	-.13	34	33	+3	*	*	SW	8	4	SW	*	bo	*
Hernösand ...	29.36	-.23	37	35	+2	*	*	SSW	6	0	Z	*	bo	*
Stockholm ...	29.76	-.06	35	34	+2	*	*	SSW	6	4	WSW	*	bo	*
Wisby ...	30.03	-.07	38	36	+3	*	*	SW	6	12	SW	*	bo	*
Christiansund ...	28.83	-.53	48	45	+7	*	*	SW	8	2	SW	*	co	*
Skudesnaes ...	29.31	-.34	45	42	0	*	*	SSW	6	6	SSE	*	o	*
Oxö (X'tiansand)	29.41	-.32	44	43	+1	*	*	SW	8	6	SW	*	ct	*
Skagen (The Skaw)	29.63	-.22	41	40	+4	*	*	SW	8	*	*	*	o	*
Fanö ...	29.79	-.10	42	42	+1	*	*	SW	6	*	*	*	t	*
Cuxhaven ...	29.97	-.03	39	39	+2	?	37	SW	5	4	SW	9	fo	—
Sanburgh Head														
Stornoway (He. bridges)	29.00	-.53	36	35	-10	50	34	W	6	11	SSW	9	lgo	0.07
Thurso ...	29.03	-.53	38	37	-1	49	35	SSW	4	5	SSW	5	opc	0.16
Wick ...	29.10	-.57	35	34	-7	48	34	SSW	3	7	SW	5	op	0.15
Nairn ...	29.17	-.32	39	37	-5	53	37	SW	3	7	SSW	10	ct	0.16
Aberdeen ...	29.29	-.45	38	37	-3	52	38	SSW	4	9	SSW	7	oc	—
Leith ...	29.41	-.47	41	39	-3	50	34	W	5	6	W	6	pc	0.26
Shields ...	29.55	-.45	45	41	+3	50	42	SW	3	9	SW	3	cb	0.02
York ...	29.70	-.30	46	43	+6	52	39	SSW	2	5	SW	10	cq	0.08
Scarborough ...	29.67	-.32	44	42	+6	48	38	SW	2	3	SW	8	co	0.10
Nottingham ...	29.79	-.30	47	45	+6	50	41	SSW	3	8	SSW	10	om	0.03
Ardrossan ...	29.45	-.46	43	39	-3	50	40	SSW	7	7	SSW	4	og	0.42
Greencastle ...	29.49	-.39	38	37	-6	49	38	W	6	8	WSW	10	p	0.37
Donaghadee ...	29.56	-.40	39	38	0	50	39	S	4	8	S	3	ab	0.18
Kingstown ...	29.68	-.37	45	42	0	57	44	W	6	7	SW	4	uc	0.07
Holyhead ...	29.70	-.33	47	44	+2	52	44	SW	5	9	SW	6	ggc	0.27
Liverpool (Bidston Obs.)	29.71	-.33	47	43	+4	52	43	WSW	5	7	SW	10	co	0.12
Valencia ...	29.85	-.25	46	44	-3	55	44	W	5	6	SW	5	sp	0.36
Roche's Point ...	29.82	-.30	45	44	+1	52	44	W	4	7	SW	6	ogc	0.36
Pembroke ...	29.85	-.29	50	46	+2	57	47	W	6	9	WSW	10	gm	0.36
Portishead ...	29.88	-.27	48	48	+7	57	39	WSW	5	4	SSW	9	cq	0.30
Scilly ...	30.00	-.24	50	49	+2	52	47	WSW	5	6	SSW	8	o	0.34
Plymouth ...	29.97	-.24	50	50	+11	53	39	W	3	6	W	10	cf	0.24
Portsmouth ...	29.96	-.25	50	50	+11	50	37	SW	6	7	SW	10	br	0.08
Dover ...	30.01	-.12	47	46	+6	48	39	SSW	6	6	WSW	10	bm	0.02
London ...	29.90	-.24	51	49	+15	57	36	SW	5	8	SW	10	bgo	0.08
Oxford ...	29.87	-.26	57	49	+16	57	37	SW	3	6	SW	10	om	0.06
Cambridge ...	29.84	-.29	49	48	+12	49	35	SSW	3	5	SW	10	brg	0.02
Yarmouth ...	29.83	-.26	47	47	+12	48	35	SW	5	6	SW	8	mgg	0.08
Helder ...	29.90	-.12	44	*	+2	*	*	SW	8	*	*	*	*	*
Cape Gris Nez ...	30.03	-.10	45	43	+2	47	41	SSW	8	4	W	10	ot	0.16
Brest ...	30.17	-.11	57	57	+3	53	43	WSW	7	8	SW	10	t	0.12
L'Orient ...	30.18	-.04	50	50	+9	53	39	SW	5	5	SW	8	t	—
Rochefort ...	30.40	+12	38	38	-3	50	33	SSE	4	4	NNE	10	bm	—
Biarritz ...	30.40	+11	37	35	-11	49	37	E	1	3	N	2	f	—
Corunna ...			*	*		*	*			*	*	*	*	*
Brussels ...	30.04	-.10	42	*	+1	*	*	SW	3	*	*	*	o	*
Charleville ...	30.27	+13	37	*	0	*	*	SSW	3	*	*	*	o	*
Paris ...	30.30	+07	37	*	+1	46	35	SW	4	4	W	10	co	—
Lyons ...	?	?	46	*	0	*	*	NW	1	*	*	*	o	*
Toulon ...	30.30	+13	41	39	+2	44	39	?	3	5	?	9	o	0.08

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes ...	29.76	44	42	S	6	*	c	4	Valencia ...	29.94	52	50	SW	6	7
Thurso ...	29.38	47	45	SSW	4	8	o	3	Scilly ...	30.25	50	49	WSW	5	6
Scarborough ...	29.98	43	42	SW	3	9	o	2	London ...	30.19	45	43	WSW	2	4
Greencastle ...	29.70	47	46	SW	7	10	g		Rochefort ...	30.38	48	43	N	3	0
Holyhead ...	29.99	49	47	?	5	6	mg	3							

Pressure is decreasing quickly in the west and north, but has increased in the south. It is freshening from SW on our western coasts with dull weather, some rain, and a rough sea at Valencia. Issued to all our 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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

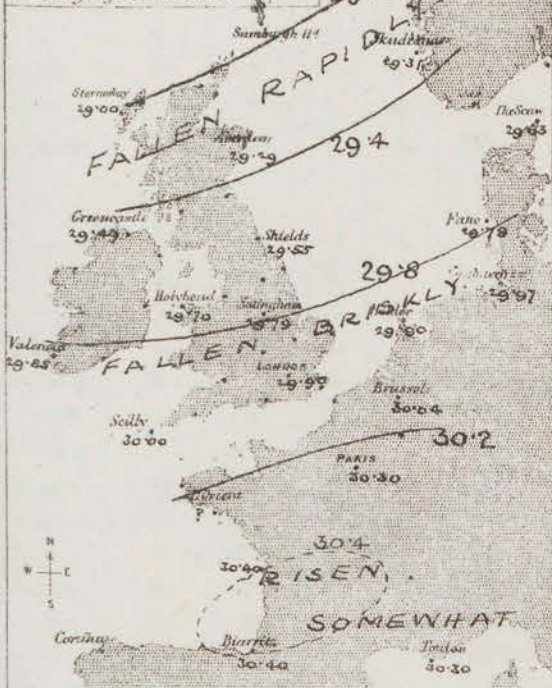
WEATHER CHARTS

AND REMARKS FOR 4

FRI. DAY 2ND JANUARY. 187 AT 8 A.M.

BAROMETER.

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



In fall of the barometer noticed in the W. yesterday afternoon has extended to all parts of W. Europe except the S. of France, and has been rapid in the north. The centre of a large and deep depression now lies to the N. of our most N. stations; and the gradient from Rochefort to Stockholm is 0.08 in. that from Stockholm to Stornoway is 0.15 in. per 50 miles.

TEMPERATURE.

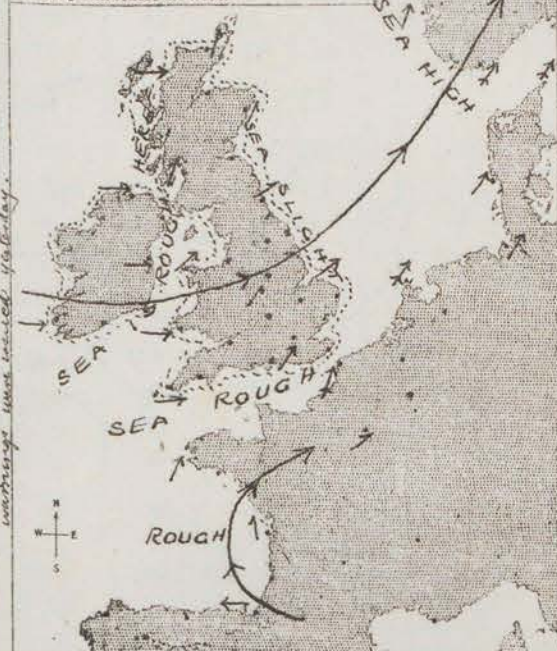
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperatures have fallen somewhat in the N. and W. of our Islands, risen elsewhere, especially in the S. and S.E. of England. London is 15° warmer than it was yesterday morning.

WIND & SEA.

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



The wind rose to a fresh or strong gale on different parts of our coasts last evening or during the night. At Stornoway it was very severe. This has now subsided, and fresh to strong breezes - W. in the west, and S.W. elsewhere - are prevalent over our Islands, while the gale has passed on to the E. shores of the North Sea. The sea is high on the Norwegian coasts, rough on our coasts except in the E.

CLOUD, RAIN &c.

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



Lightning has been seen at Stornoway. Rain has fallen generally, and continues in the Channel, and N. of France. The sky is very cloudy, and the weather continues unsettled.

Warnings were issued to all coasts 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 St., Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Satur. day 8 a.m.

WEATHER REPORT.

Jan 4 3rd

1874.

STATIONS.	BAROMETER.		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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 ...						*	*					*		*
Wishy ...						*	*					*		*
Christiansund ...						*	*					*		*
Skudesnaes ...						*	*					*		*
Oxö (X'tiansand)						*	*					*		*
Skagen (The Skaw)	29.56	-.07	40	37	-1	*	*	nsr	6	*	*	*	6	*
Fanö ...	29.70	-.09	42	41	0	*	*	nsr	6	*	*	*	c	*
Cuxhaven ...	29.81	-.16	42	42	+3	?	38	sw	4	6	sw	9	mo	0.19
Sumburgh Head														
Stornoway (Hebrides)														
Thurso ...	29.15	+ .12	35	33	-3	40	34	N	2	6	nsr	6	pc	0.17
Wick ...	29.21	+ .11	35	33	0	40	32	nnw	3	7	nsr	4	gc	0.07
Nairn ...	29.27	+ .10	33	32	-6	40	32	L	0	3	sw	1	spc	0.30
Aberdeen ...	29.31	+ .02	33	32	-5	39	33	ssw	1	6	ssw	9	sgw	0.18
Leith ...	29.37	-.04	37	36	-4	43	33	nr	1	4	w	8	cso	0.23
Shields ...	29.37	-.18	39	39	-6	47	38	L	0	5	?sw	10	bt	0.03
York ...	29.41	-.29	39	39	-7	48	36	sse	1	4	nsr	10	gr	0.12
Scarborough 8.40	29.39	-.29	38	38	-6	44	36	sse	3	4	nsr	10	og	0.03
Nottingham ...	29.44	-.35	43	42	-4	49	38	S	3	4	sw	10	fw	0.04
Ardrossan ...	29.34	-.41	42	38	-1	44	39	nsr	7	8	nsr	8	go	0.11
Greencastle ...	29.34	-.15	36	35	-2	40	35	nsr	2	7	nsr	10	po	0.31
Donaghadee ...	29.34	-.22	37	36	-2	41	37	w	3	6	w	10	co	-
Kingstown ...	29.32	-.36	36	36	-9	46	35	nnw	4	7	w	10	gt	0.45
Holyhead ...	29.23	-.47	42	42	-5	48	41	L	0	6	sw	10	hbr	0.93
Liverpool (Bidston Obs.)	29.29	-.42	41	40	-6	46	38	sse	3	8	nsr	10	cgo	0.08
Valencia ...	29.53	-.32	43	40	-3	49	37	N	7	8	w	7	p	0.13
Roche's Point ...	29.41	-.41	38	37	-7	45	37	nnw	6	7	nr	8	cp	0.50
Pembroke ...	29.28	-.57	44	43	-6	50	42	nsr	4	7	sw	10	gut	0.39
Portishead ...	29.36	-.52	46	46	-2	50	40	sw	7	4	w	10	puq	0.16
Scilly ...	29.47	-.53	46	45	-4	51	45	nsr	7	8	nnw	7	ohg	0.41
Plymouth ...	29.40	-.57	48	48	-2	52	43	sw	4	6	sw	10	r/p	0.55
Portsmouth ...	29.45	-.57	47	47	-3	?	43	sk	5	6	sw	8	o	0.06
Dover ...	29.62	-.39	45	44	-2	48	42	S	5	5	ssw	7	mt	0.27
London ...	29.54	-.36	46	44	-5	51	42	ssw	4	6	sw	10	cor	0.05
Oxford ...	29.48	-.39	44	43	-7	51	39	S	3	4	w	10	omv	0.02
Cambridge ...	29.52	-.32	41	40	-8	57	37	S	2	3	sw	10	co	0.01
Yarmouth ...	29.36	-.27	43	43	-4	50	39	S	4	4	ssw	8	bo	0.02
Helder ...	29.68	-.22	43	*	-1	*	*	ssw	8	*	*	*	*	*
Cape Gris Nez ...	29.59	-.44	44	42	-1	49	43	ssw	4	8	sw	10	r	0.20
Brest ...	29.68	-.49	50	50	-1	53	46	sw	7	7	nsr	10	rf	0.71
L'Orient ...	?	?	50	48	0	55	46	nsr	7	7	sw	10	ro	0.79
Rocheport ...	29.94	-.46	46	44	+8	?	33	ssw	5	5	ssw	10	mt	0.16
Biarritz ...	30.08	-.32	51	47	+14	?	237	S	4	4	se	6	fc	-
Corunna ...			*	*		*	*			*	*	*		*
Brussels ...	29.78	-.26	42	*	0	*	*	se	3	*	*	*	ot	*
Charleville ...	29.89	-.38	41	*	+4	*	*	ssw	7	*	*	*	ot	*
Paris ...	29.78	-.52	39	*	+2	42	37	sw	9	5	S	10	t	0.67
Lyons ...	?	?	48	*	+2	*	*	S	3	*	*	*	o	*
Toulon ...	30.28	-.02	41	39	0	46	40	E	4	4	E	8	o	-

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

	Bar	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar	Dry.	Wet.	Wind	C.		
Skudesnaes ...	29.28	43	40	sw	8	*	c	7	Valencia ...	29.85	47	44	w	7	6
Thurso ...	29.07	38	37	nsw	5	9	o	4	Scilly ...	30.02	50	48	w	5	7
Scarborough...	29.67	44	41	nsw	4	7	c	4	London ...	29.91	50	47	w	3	10
Greencastle ...	29.49	40	38	+	7	10	g	*	Rocheport ...	30.35	41	41	sse	4	10
Holyhead ...	29.73	46	42	sw	6	6	c	5							

Scarcely any change has occurred in pressure since 8 a.m. except at Rocheport, where the mer. falling a little. The wind is again increasing, from the W., in Ireland, with a rough sea and squally weather. The drums are still up in the west and north.

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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

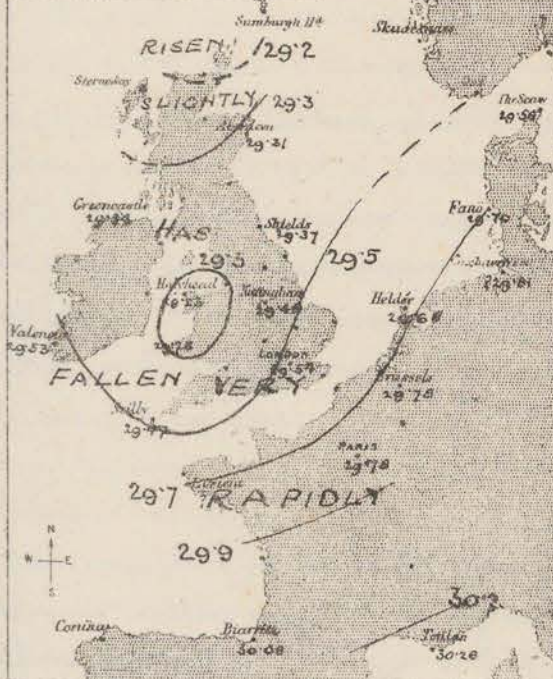
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 3RD JANUARY 1874 AT 8 A.M.

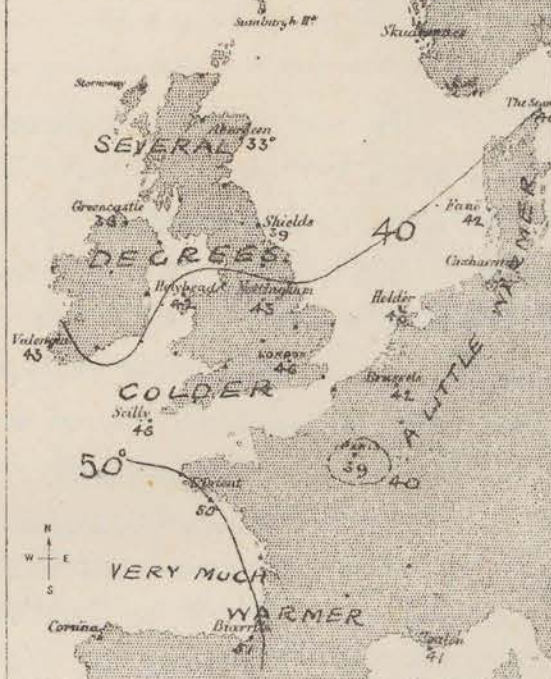
BAROMETER.

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



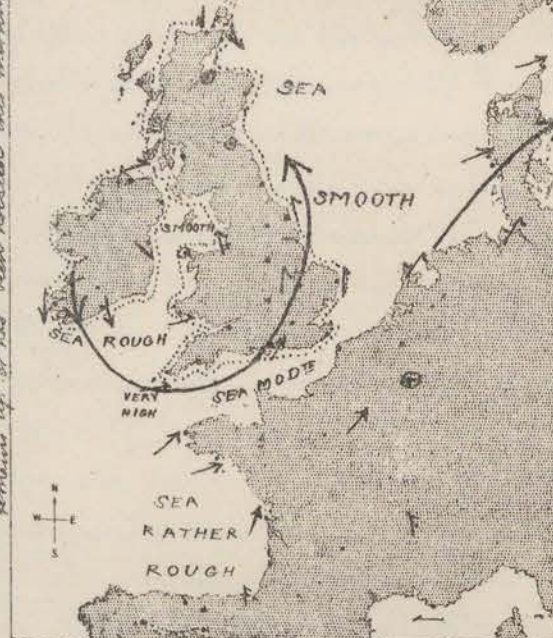
TEMPERATURE.

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



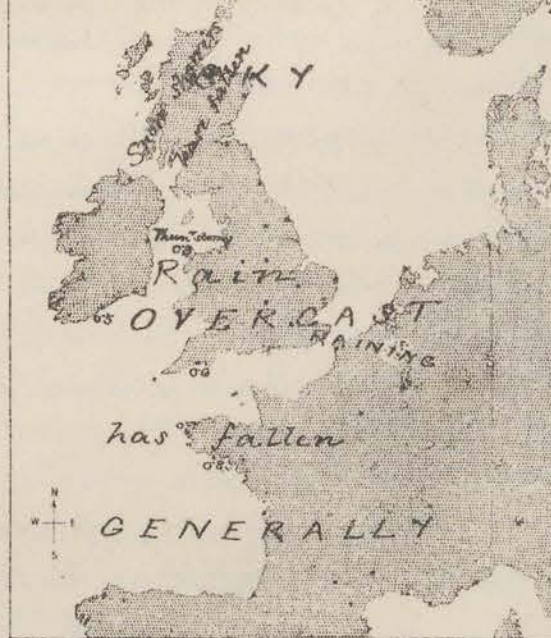
WIND & SEA.

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



CLOUD, RAIN &c.

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



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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from DECEMBER 28th - 31st to JANUARY 3rd

1874

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

The week has been very unsettled. On the 28th a large anticyclone lay over NW Europe. This gave way on its NW side and a series of depressions passed in a NNE or NE^{ly} direction over the British Kingdom giving us fresh to strong S^{ly} gales and some rain. On January the second the series appeared temporarily interrupted, and during the night the centre of a deep and well marked depression advanced from the NW across Ireland to the Welsh coast, subsequently travelling ENE^{ly} towards Norway. The disturbance gave us strong SW to NW gales in the S. accompanied by some rain; but one peculiar feature about nearly all the gales we have recently experienced is the small quantity of rain which they have been accompanied. —

DEC: 28th The recovery of pressure which had commenced in the NW on the 27th had continued and extended to all parts of NW Europe, having become most marked over the North Sea, while in Spain and the SW of France a slight fall had occurred. An area of high pressure lay over Ireland, England and France, the highest readings being found over the S. of England. At Valencia however the barometer had begun to fall the night. The wind became N. and fell light on the E^{ly} shores of the North Sea while they drew into NW of the British Isles, but in the NW of France they shifted to NE, while calms prevailed in Devon and Cornwall and SE. and at Valencia. Temperatures fell everywhere, rapidly in the SE. of England, and sharp frosts occurred over the central parts of the country. The weather at 8 am. was somewhat cloudy, with fog in parts of England and later in the day a little rain fell at several of the Irish and Scotch stations. Hails were seen in several places at even. —

DEC: 29th — The region of high pressure had moved SE^{ly} and lay over Germany and the E. of France, while the of the mercury which was noticed at Valencia on the 28th had become rapid and extended over nearly the whole of NW Europe. Strong S^{ly} winds (attaining the force of a gale in the S. of Ireland) had set in along our NW coasts and light breezes from the same quarter over England, while strong SE winds were felt in the NW of France and Holland the wind circulated round the high pressure so that moderate E to SE winds were on the shores of the Bay of Biscay. Temperatures rose rapidly in the NW and N. but again fell in Spain and in the SE of England a very sharp frost had occurred during the night. The weather became cloudy in the NW (where too some rain fell generally) and was rather cloudy elsewhere, with fog in B. The S^{ly} gale then extended to all our NW stations. —

DEC: 30th — The decrease of pressure had become still more general, and the area of lowest readings had travelled in a NNE^{ly} direction (some distance to the NW of our Islands) and at 8 am lay to the NW of Scotland. Some recovery of pressure had consequently taken place on our SW coasts. In the S. of E. (where the highest pressures were established) the barometer was rising. The SW^{ly} gales had extended to all the NW stations and still continued on several parts of our NW coasts while in the SE also a freshening of the S^{ly} breeze was reported. At Roches Point, however, the wind had veered to N. and moderated. The S. of Ireland generally, but in the NW of France SE^{ly} breezes prevailed. Temperature had now risen fast in England and Norway but in the Netherlands and their neighbourhood the weather became colder and a hard frost was reported. Very cloudy threatening weather prevailed over all the NW

parts of the Kingdom, as well as in Norway, but clear skies elsewhere. During the morning however a fresh fall of the mercury commenced in the SW. extending rapidly over the whole Kingdom, and rainy unsettled weather became general both here and in the N. of France. Lightning was seen at Stornoway. —

C: 31st — The fall of the mercury last noted proved to be far more general in its effects than that which had preceded it, but the centre of the depression with which it was connected travelled NE^W and at 8 am. to-day was lying to the NW^W of the Hebrides and brisk recovery had already set in at our SW^W stations. Strong S^W winds or fresh gales had been felt in most parts of our S. W. and N. coasts but had now passed from our Islands to the E^W shores of the North Sea leaving us fresh squally SW^W breezes, veering to N. in St. Georges Channel and the NW. of France. Temperatures had again risen rapidly in England and also at the French stations and in the N. of Norway while in Scotland and Ireland it fell some degrees. The sky became clear in the N. of England and Ireland, but was generally cloudy elsewhere, and as the day advanced rain again fell in the NW^W. —

1874

Y: 1st — The recovery of pressure had extended to all parts of N^W Europe, and had been very rapid at the Scotch stations. The highest pressures were located over the Bay of Biscay and the lowest at the extreme N. and NW^W stations. The wind fell light, veering to N. on our E. & S. coasts and to N. in the N. of France while E^W breezes were felt in the N. of Spain and at Toulon. In the N. of our Islands, however, and on the E^W shores of the North Sea it remained fresh from SW, and L'Anse-au-Loup still reported a gale. The thermometer fell considerably as the disturbance had passed and the sky cleared for a time; but more disturbed weather was approaching us, and our N^W pressure again gave way during the morning.

Y: 2nd — A considerable fall of the mercury had been general except in the S. of France, greatest at the N^W stations, and at 8 am. readings varied from 20.4 in. at Rochefort, Biarritz, and Coruña to 29.5 in. at Stornoway, and 28.8 in. at L'Anse-au-Loup. Strong SW^W winds and gales had been blowing on all our coasts and over the N. of France but had already moderated considerably except at Ardrossan, and extended to the E^W shores of the North Sea, while at our N^W stations the wind veered to N. Temperatures had risen rapidly in England, less on the Continent, while in the N. & extreme N. of the Kingdom it fell fast. Rain had again been general & continued in the S. Lightning and hail had occurred at Stornoway & the weather was very unsettled. During the day very little tendency towards recovery was observed in pressure, while at Rochefort the mercury fell a little more. Nevertheless the NW^W breeze in Ireland freshened considerably in the afternoon, and snow fell in Scotland. —

N: 3rd — A very sudden change had taken place in the night. A slight recovery of pressure had occurred in the N. while the centre of a well defined depression had advanced from the NW^W to the Welsh coast causing a rapid fall of the mercury throughout Ireland, England and France. The gradient from Brest to Pembroke was 0.10 in. per 50 miles. Moderate N^W breezes still prevailed in the N. of Scotland and SW^W gales in Norway but to the S^W a complete circulation was established round the depression noted above, so that while strong N^W winds were blowing in Ireland, N^W gales were experienced in the Channel and France, and moderate to fresh S^W breezes over the North Sea. Temperature rose in France but fell elsewhere and dull unsettled weather was general. The depression then moved ENE^W and the N^W gale extended to our SE. coasts.

Sun - day 8 a.m.

WEATHER REPORT.

July: 4th 1874

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 3 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 5 A.M.		Extreme.				
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force, (0 to 12.)	Force, (0 to 12.)	Dirce.			
Haparanda ...	29.36		26	25	*	*	SW	2	4	S	*	h	*	
Hernösand ...	29.27	-38	31	31	-3	*	*	S	2	2	SSW	*	bs	*
Stockholm ...	29.21	-34	36	35	+1	*	*	S	4	2	SSW	*	co	*
Wisby ...	29.43	-37	40	39	+2	*	*	SW	6	2	SW	*	co	*
Christiansund ...	29.18	+19	34	33	-7	*	*	E	6	2	SSW	*	so	*
Skudesnaes ...			39	35	-2	*	*	NNE	6	4	E	*	bo	*
Oxö (Xtiansand)	28.80	-64	36	35	-5	*	*	NNE	6	6	SE	*	fu	*
Skagen (The Skaw)	28.89	-67	39	37	-1	*	*	SW	10	*	*	*	n	*
Önå ...						*	*				*	*	*	*
Cuxhaven ...	29.46	-35	40	39	-2	?	36	WSW	5	8	S	7	me	0.15
Sumburgh Head														
Stornoway (He- brides)	29.13	-33	33	32	-2	37	29	SW	1	2	WSW	4	sw	0.05
Thurso...	29.13	-32	32	31	-3	35	28	SW	2	2	SW	2	mt	-
Wick ...	29.20	-101	28	27	-7	35	25	Z	0	2	N	2	b	-
Nairn ...	29.19	-108	32	31	-1	35	30	Z	0	0	Z	6	cm	-
Aberdeen 9 a.m.	29.21	-10	33	31	0	35	28	WSW	1	1	SSW	1	mt	-
Leith ... 9 a.m.	29.33	-104	35	33	-2	38	32	N	1	2	N	6	co	-
Shields...	29.32	-105	33	32	-6	40	31	N	2	2	N	2	stb	0.29
York ...	29.34	-102	34	33	-5	43	32	SW	1	4	N	3	stb	0.17
Scarborough 10 a.m.	29.39	+101	33	33	-5	42	32	WSW	2	5	SSE	2	stb	0.30
Nottingham ...	29.46	+102	35	34	-8	45	29	SW	1	5	SSW	4	pc	0.07
Ardrossan ...	29.35	+101	37	35	-5	42	34	NN	1	4	WSW	5	hlm	0.15
Greencastle 9 a.m.	29.44	+10	35	33	-1	37	33	N	3	4	NNN	8	ow	0.17
Donaghadee ...	29.48	+114	33	33	-4	40	31	N	2	4	N	4	c	0.02
Kingstown ...	29.53	+121	36	34	0	40	35	NNN	5	6	N	8	co	0.10
Holyhead ...	29.43	+120	39	38	-3	44	39	NNN	6	5	NNN	5	hge	0.16
Liverpool (Bidston Obs.)	29.40	+11	35	34	-6	42	36	N	5	7	NNN	10	o	0.43
Valencia ...	29.33	+130	43	40	0	45	37	NNN	7	10	NNN	5	p	0.23
Roche's Point...	29.73	+132	35	34	-3	43	34	NNN	6	7	NNN	8	ops	0.10
Pembroke ...	29.58	+130	40	38	-4	45	39	NN	6	8	NNN	5	hlm	0.12
Portishead ...	29.59	+123	38	37	-8	48	32	NNN	4	6	NNN	4	ptc	0.46
Scilly ...	29.71	+124	44	41	-2	47	39	NNN	8	10	NNN	7	thg	0.25
Plymouth ...	29.62	+122	39	39	-9	49	36	NN	3	7	NNN	4	qhp	0.07
Portsmouth 9 a.m.	29.63	+117	39	37	-8	47	35	N	2	9	N	5	pgc	0.22
Dover ...	29.54	+108	36	35	-9	48	34	WSW	4	8	SSW	5	bc	0.45
London ...	29.53	+101	34	33	-12	50	34	SW	1	7	S	0	sgb	0.14
Oxford...	29.53	+105	34	33	-10	46	33	WSW	2	4	WSW	1	cb	0.22
Cambridge ...	29.48	+104	34	33	-7	45	32	SW	2	4	SW	3	stb	0.13
Yarmouth ...	29.46	+110	35	35	-8	45	34	WSW	4	8	NNN	6	sgm	0.13
Helder ...			*	*		*	*				*	*	*	*
Cape Gris Nez...	29.52	+107	40	38	-4	49	40	NNN	7	9	WSW	10	co	0.79
Brest ...	29.89	+121	44	42	-6	51	40	NNN	7	9	N	9	co	0.20
L'Orient ...	?		44	42	-6	54	38	NNN	8	9	NNN	7	n	0.24
Rochefort ...	29.98	+104	42	40	-4	53	38	NNN	8	9	WSW	10	n	0.55
Biarritz ...	30.15	+107	51	47	0	55	47	N	7	5	SW	6	co	0.08
Corunna ...			*	*		*	*				*	*	*	*
Brussels ...	29.55	+123	42	*	0	*	*	WSW	3	*	*	*	o	*
Charleville ...	29.65	+124	41	*	0	*	*	SSW	9	*	*	*	o	*
Paris ...	29.74	+104	39	?	0	46	34	SW	8	?	?	9	-5	0.12
Lyons ...	?		48	*	0	*	*	SE	3	*	*	*	o	*
Toulon...														

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.
Skudesnaes ...	29.30	42	39	S	6	*	6	Valencia ...	29.50	40	38	WSW	5
Thurso ...	29.15	34	32	SW	1	4	3	Scilly ...	29.63	46	42	N	9
Scarborough ...	29.02	41	40	SSE	5	10	5	London ...	29.25	46	43	N	5
Greencastle ...	29.26	37	36	WSW	4	6	0	Rochefort ...	29.89	52	50	?	9
Holyhead ...	29.30	49	47	WSW	5	4	0						

The depression noticed in the N. this morning is travelling Est causing a rapid fall of the barometer on our E. coast, in the Channel, while in the N. of England a brisk recovery is reported. In Ireland however a fresh fall seems to have accompanied by a slight increase of SW^{ly} wind at Greenacastle. - Warnings repeated to the Nth and N^W 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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

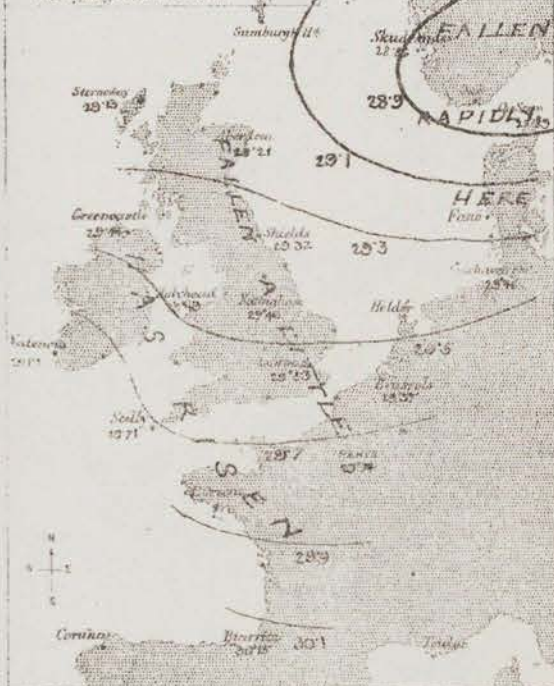
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 4TH JANUARY 1874 AT 8 A.M.

BAROMETER.

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



The barometrical depression noticed over Wales and St. George's Channel yesterday has passed away in a NE^{ly} direction to Norway, and, after some minor oscillations, the barometer has begun to rise very quickly on our west coast. From Valencia to us there is an irregular gradient averaging 0.07 in. per 50 miles.

TEMPERATURE.

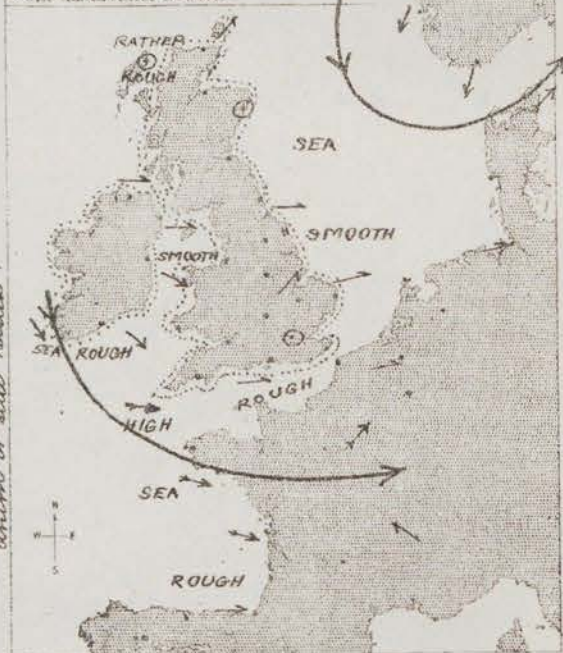
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has decreased generally, especially near London, where it is 12° lower than it was yesterday, and a sharp frost has occurred on the grass during the night.

WIND & SEA.

- 1 Arrows fly with the wind
Force 0 to 4 - - - Force 5 to 10 - - -
Force 11 to 16 - - - Force 17 to 20 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Note: A dotted line is drawn round those coasts where the down is still build.

The W. gale noticed in the Channel yesterday subsequently extended to our south-western and south-eastern stations as well as the French. Strong NW breezes or gales are still reported from our south-western coasts and the west of France, fresh SW gales from the north-east of France, and light SW winds on our south-east coasts, while light W. and calm winds prevail in the north of St. Martin.

The sea is high on our south-west coasts.

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 generally - hail and snow in the north-west and north, lightning at Antwerp, thunder in the south-west. The weather is now moderately clear in the north-east, overcast and rainy in France, and is very unsettled generally.

Forecasting was issued to our south and east coasts yesterday morning, and repeated to the west and north in the afternoon.

Subscriptions for these Charts payable in advance to order authority.
Delivered by rail 10s. per quarter
but not 5s. per quarter.

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

Vincent Brooks Day & Son Ltd. London W.C.

Mon - day 8 a.m.

WEATHER REPORT.

July 5th

1878.

STATIONS	BAROMETER.		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.			
Haparanda ...	29.34	- .02	19	19	-7	*	*	NN	4	2	SW	*	o	*
Hernösand ...	29.44	+ .17	26	26	-5	*	*	N	2	2	W	*	co	*
Stockholm ...	29.43	+ .22	34	33	-2	*	*	SEW	4	6	SEW	*	bo	*
Wisby ...	29.65	+ .22	37	35	-3	*	*	W	6	6	SW	*	c	*
Christiansund ...	29.50	+ .32	29	29	-5	*	*	NNW	4	6	NNE	*	s	*
Skudesnaes ...	29.54	+ .28	37	33	-2	*	*	NNE	6	2	SESE	*	ob	*
Oxö (X'iansand)	29.50	+ .70	32	32	-4	*	*	NNE	2	2	NE	*	cb	*
Skagen (The Skaw)						*	*				*	*		*
Fanö ...	29.61		40	37		*	*	NSW	4	*	*	*	c	*
Cuxhaven ...	29.73W	+ .27	34	34	-6	40	?	NSW	3	4	NSW	2	ob	0.05
Sumburgh Head														
Stornoway (He- brides)	29.61W	+ .48	38	33	+5	38	27	SW	4	5	N	10	SW	0.12
Thurso...	29.63W	+ .50	30	28	-2	39	30	SEW	2	3	ENE	6	psc	0.07
Wick ...	29.67W	+ .47	31	29	+3	36	26	Z	0	1	NN	6	c	0.10
Nairn ...	29.74W	+ .55	31	31	-1	35	30	Z	0	0	Z	4	c	-
Aberdeen ...	29.75W	+ .54	34	32	+1	37	28	NNW	1	1	NNW	2	b-sm	0.02
Leith ...	29.84W		33	32		40	31	W	2	3	W	6	c	-
Shields...	29.83W	+ .51	31	30	-2	35	30	NNW	3	7	W	2	b	-
York ...	29.86W	+ .47	32	30	-2	39	30	NNW	1	2	W	0	cb	-
Scarborough...	29.85W	+ .46	34	32	+1	36	32	NN	2	3	W	2	b	-
Nottingham ...	29.88W	+ .42	31	31	-4	39	30	NNW	1	4	NNW	1	sm	0.04
Ardrossan ...	29.89W	+ .54	36	33	-1	42	36	NE	1	3	NNW	4	osf	0.08
Greencastle ...	29.92W	+ .48	35	34	0	38	33	W	2	6	NN	3	hb	0.21
Donaghadee ...	29.91W	+ .43	33	32	0	36	32	W	4	6	W	3	b	0.05
Kingstown ...	30.00W	+ .47	36	34	0	39	34	W	4	6	W	6	og	0.04
Holyhead ...	29.94W	+ .51	41	39	+2	42	37	NNW	4	9	W	4	phc	0.02
Liverpool (Bidston Obs.)	29.90W	+ .50	40	36	+5	41	34	NNW	4	7	W	3	ohc	0.23
Valencia ...	30.11W	+ .28	39	37	?-4	45	37	SEW	3	8	NNW	4	pc	0.10
Roche's Point...	30.09W	+ .36	36	35	+1	41	35	W	2	6	NNW	3	est	0.06
Pembroke ...	30.04W	+ .46	41	38	+1	43	38	NN	4	6	NN	4	cr	-
Portishead ...	29.99W	+ .40	37	36	-1	45	37	NNW	3	6	NNW	3	at	-
Scilly ...	30.10W	+ .39	45	41	+1	46	40	NN	6	9	NN	5	gc	0.05
Plymouth ...	30.07W	+ .45	37	36	-2	43	35	NNW	1	4	W	4	pf	0.03
Portsmouth ...	30.04W	+ .42	38	36	-1	41	34	W	2	4	NN	1	cb	-
Dover ...	29.87W	+ .33	35	33	-1	42	33	W	3	5	NSW	4	be	0.02
London ...	29.93W	+ .40	37	34	+2	43	34	W	3	4	NNW	7	b-sc	-
Oxford...	29.97	+ .44	34	32	0	41	33	W	1	5	W	3	cb	-
Cambridge ...	29.92W	+ .44	35	33	+1	41	32	NNW	2	3	SW	1	cb	-
Yarmouth ...	29.82W	+ .36	34	34	-1	39	32	NNW	4	5	W	8	c-g	-
Helder...	29.68		38	*		*	*	W	6	*	*	*	*	*
Cape Gris Nez...	29.88W	+ .36	38	36	-2	44	37	NN	7	5	NNW	7	co	-
Brest ...	30.15W	+ .26	46	44	+2	48	37	NN	4	8	NNW	7	no	0.08
L'Orient ...	?		43	41	-1	50	39	NN	4	9	NN	3	no	0.04
Rochefort ...	30.22W	+ .24	43	41	+1	49	37	W	4	9	NN	10	co	0.32
Biarritz ...	30.28W	+ .13	48	46	-3	50	36	SW	5	7	W	9	W	0.28
Corunna ...			*	*		*	*			*	*	*	*	*
Brussels ...	29.82	+ .27	35	*	-7	*	*	NSW	6	*	*	*	s	*
Charleville ...	29.89	+ .24	35	*	-6	*	*	SW	3	*	*	*	os	*
Paris ...	30.03W	+ .29	36	?	-3	44	34	W	4	7	SW	3	c	-
Lyons ...	?		43	*	-5	*	*	W	3	*	*	*	b	*
Toulon...	30.12W		38	33		47	37	NN	6	4	NN	2	ob	0.24

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

Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	C.
Skudesnaes ...				*			Valencia ...				
Thurso ...							Scilly ...				
Scarborough...							London ...				
Greencastle ...				*			Rochefort ...	30.07	45	41	NN 9 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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

Tuesday 8 a.m.

WEATHER REPORT. January 6th 1871

STATIONS	BAROMETER		THERMOMETERS (in shade)					WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale	Rainfall. In past 24 Hours
	At 8 A.M. Reduced to 32° at the Mean Sea Level	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday	In past 24 hours Max. Min.	At 8 A.M.		Extrema. Direc. (0 to 12.)	Direc. (0 to 12.)				
			Dry bulb.	Wet bulb.			Direc.	Force (0 to 12.)						
Haparanda	29.40	+06	2	1	-17	*	*	NW	2	2	N	*	b g	*
Hernösand	29.48	+04	20	19	-16	*	*	S	4	4	S	*	o b	*
Stockholm	29.43	+30	29	29	-5	*	*	SW	4	6	SW	*	o b	*
Wishby	29.46	+31	35	34	-2	*	*	SW	4	6	W	*	e b	*
Christiansund	29.19	-31	39	34	+10	*	*	SW	8	4	ESE	*	s r	*
Skudesnaes	29.43	+19	45	43	+8	*	*	WSW	6	8	SW	*	r o	*
Oxö (Königsund)	29.43	+25	43	41	+11	*	*	SSW	6	2	N	*	c o	*
Skagen (The Skaw)	29.48	+35	34	36	+1	*	*	WSW	4	*	*	*	b	*
Fanö	29.48	+37	41	41	+1	*	*	WSW	6	*	*	*	o	*
Cuxhaven	30.142	+41	36	36	+2	?	32	WSW	5	4	WSW	7	o	-
Sumburgh Head														
Stornoway (Hebrides)	29.652	+04	46	45	+8	46	35	WSW	2	6	W	10	f o	0.44
Thurso	29.542	+06	43	43	+13	44	30	W	2	5	SW	8	r d	0.40
Wick	29.652	+02	43	41	+12	43	29	SW	2	4	SW	8	o o	0.10
Nairn	29.432	-01	43	41	+12	44	31	WSW	2	2	WSW	9	o	0.10
Aberdeen	29.442	+02	41	39	+7	44	32	SW	1	5	SSW	8	c o	-
Leith	29.892	+05	44	42	+11	45	32	W	4	4	W	8	e o	-
Shields	30.032	+20	42	40	+11	42	30	WSW	3	5	SW	9	b g	-
York	30.142	+28	39	38	+7	40	31	S	1	2	W	10	b g	-
Scarborough 8.40 a.m.	30.102	+25	34	36	+3	38	34	WSW	2	3	WSW	7	c	-
Nottingham	30.202	+32	35	34	+4	41	28	SW	3	3	WNW	9	b w	-
Ardrossan	29.992	+10	47	44	+11	47	36	WSW	3	5	W	9	c d	0.03
Greencastle	30.042	+12	43	42	+8	43	34	WSW	4	4	WSW	10	g	0.03
Donaghadee	30.102	+19	42	40	+9	42	32	SSW	4	5	W	10	o	0.02
Kingstown	30.192	+19	43	42	+7	44	35	SW	2	4	W	8	o	-
Holyhead	30.172	+25	45	44	+4	46	39	SW	4	4	WNW	6	b e g	-
Liverpool (Bilston Obs.)	30.202	+30	42	39	+2	42	36	SW	5	5	WNW	10	c o	0.02
Valencia	30.312	+20	45	42	+6	44	37	W	3	3	SW	7	e	0.02
Roche's Point	30.312	+22	40	39	+4	43	34	NW	1	2	W	4	o	0.02
Pembroke	30.292	+25	47	43	+6	47	41	WSW	4	4	W	6	c o	-
Portishead	30.312	+32	34	36	0	45	30	WSW	3	3	WNW	5	m w	-
Scilly	30.292	+29	43	41	-2	46	41	WSW	3	5	NW	3	e b	-
Plymouth	30.342	+36	31	31	-6	45	29	NW	1	2	NW	0	m g	-
Portsmouth	30.392	+35	34	34	-4	41	31	NW	1	3	NW	5	b g	-
Dover	30.372	+50	36	33	+1	40	33	W	3	4	NW	2	m b	-
London	30.342	+41	34	32	-3	42	28	WSW	1	3	W	7	m b c	-
Oxford	30.342	+37	30	29	-4	38	29	SW	1	2	W	7	c	-
Cambridge	30.292	+34	31	31	-4	40	28	SW	1	1	WNW	5	b s c	-
Yarmouth	30.262	+44	33	32	-1	38	30	WSW	3	3	WNW	6	m c	-
Helder	30.20	+52	41	*	+3	*	*	WSW	3	*	*	*	*	*
Cape Gris Nez	30.342	+46	42	38	+4	42	37	WNW	4	5	NW	4	o b	-
Brest	30.432	+28	39	37	-7	48	34	E	3	4	NW	0	o b	-
L'Orient	?	?	34	37	-6	50	35	E	1	3	NNE	1	e b	-
Rochefort	30.422	+20	36	34	-7	49	34	ESE	4	5	W	10	o r	-
Biarritz	30.362	+08	41	39	-7	53	39	E	1	5	W	7	r g	0.12
Corunna			*	*	*	*	*	*	*	*	*	*	*	*
Brussels	30.38	+56	33	*	-2	*	*	W	3	*	*	*	b	*
Charleville	30.40	+51	30	*	-5	*	*	NNW	1	*	*	*	g	*
Paris	?	?	43	*	0	*	*	NE	3	*	*	*	o	*
Lyons			43	*	0	*	*	NE	3	*	*	*	o	*
Toulon	30.162	+03	41	37	+3	47	38	E	5	5	NW	9	b o	-

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

	Bar	Dry.	Wet.	Wind.	C	Wen	Sea.		Bar	Dry.	Wet.	Wind	C		
Skudesnaes ...	29.67	36	35	SW	4	*	c	3	Valencia ...	30.15	43	40	SW	3	6
Thurso ...	29.48	37	36	SW	5	9	a	3	Scilly ...	30.19	45	41	WNW	4	4
Scarborough...	29.96	36	34	WNW	2	2	b	3	London ...	30.09	40	37	W	2	5
Greencastle ...	29.97	39	38	WSW	4	6	c	*	Rochefort ...	30.28	47	43	WNW	1	10
Holyhead ...	30.05	42	39	W	3	3	b	3							

The sudden fall of the mercury noticed at Stornoway this morning has now reached where the wind has backed to SW, with rain. Further S the barometer has risen and the weather is finer.

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** 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility; annual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

WEATHER CHARTS

AND REMARKS FOR

TUESDAY 6TH JANUARY

1874 AT 8 A.M.

BAROMETER.

- 1 Isobars have 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 N. of Scotland yesterday has passed on to the N. of Norway, where it is now marked. Hence it was with us, a very general rise of the barometer has taken place on our coasts but this appears to have ceased at St. Mary's during the night. An area of high pressure lies over Central France and the Bay of Biscay and the gradient from West to East is 0.07 in per 50 miles.

TEMPERATURE

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



Temperatures has risen in the N. and N. the change having been very rapid in the N. of Scotland, but has fallen several degrees in the S. In London it fell to 28° in the shade and 20° on the grass during the night.

WIND & SEA.

- 1 Arrows fly with the wind Force 0 to 1 - 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



The winds vary in direction between N. and S.W. except at the S. stations and are for the most part light but blow a gale at St. Kilda. In the S. of England however they are N.W. and draw round to E in the N. of France.

The sea is moderate to smooth on our coasts.

CLOUD, RAIN &c.

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



Some rain has fallen in the N. and showers of snow at Cambridge. The sky is now generally clear in the S. with fog in some places, but overcast in the N.W. & N.

Subscriptions to these Charts payable in advance
Delivery by post 10 per quarter
half post 5 per quarter

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

ROBERT H. SCOTT, Director.

Agent Brooks Day & Son Ltd. London W.

Wednesday 8 a.m.

WEATHER REPORT. January - 7th 1874.

STATIONS	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.			
Haparanda ...	29.13	+ 27	39	39	+ 37	*	*	SW	8	?	?	*	o	*
Hernösand ...	29.59	+ 11	40	38	+ 20	*	*	SW	2	4	SW	*	o c	*
Stockholm ...	29.57	- 16	44	39	+ 15	*	*	W	6	8	SW	*	o	*
Wisby ...	30.13	+ 17	41	40	+ 6	*	*	SW	6	?	S	*	o	*
Christiansund ...	29.58	+ 39	47	44	+ 8	*	*	SW	10	10	SW	*	2 o	*
Skudesnaes ...	29.99	+ 26	44	43	- 1	*	*	SW	4	6	SW	*	2 b	*
Oxö (X'iansand)	30.03	+ 30	43	43	0	*	*	SW	4	6	SW	*	c	*
Skagen (The Skaw)						*	*					*		*
Fanö ...						*	*					*		*
Cuxhaven ...	30.302	+ 16	38	38	+ 2	?	34	SSW	3	4	SW	8	o	-
Sumburgh Head														
Stornoway (He- brides)	29.628	- 03	43	41	- 3	47	41	SSW	9	9	SSW	8	g d	0.15
Thurso ...	29.692	+ 12	39	37	- 4	48	39	SSW	2	5	WSW	3	g c	0.02
Wick ...	29.752	+ 10	42	39	- 1	47	37	SW	2	5	W	3	c b	-
Nairn ...	29.772	+ 04	42	40	- 1	47	41	SW	3	7	WSW	4	c	-
Aberdeen ...	29.882	+ 11	41	37	0	48	38	SSW	4	4	SSW	2	o b	-
Leith ...	29.978	+ 08	43	42	- 1	48	40	W	2	5	W	6	o c	-
Shields ...	30.072	+ 04	39	38	- 3	45	39	Z	0	5	W	9	g w	-
York ...	30.172	+ 03	34	33	- 5	46	33	S	1	22	W	2	o b	-
Scarborough ...	30.152	+ 05	34	34	- 3	43	34	WSW	1	2	WSW	1	o b	-
Nottingham ...	30.212	+ 01	34	33	- 1	43	33	SSW	2	4	SW	1	no	-
Ardrossan ...	29.932	- 06	47	42	0	49	45	SSW	5	5	SSW	6	o c	0.02
Greencastle ...	29.832	- 21	44	42	- 1	45	40	S	7	7	S	10	g	-
Donaghadee ...	29.942	- 16	44	42	+ 2	45	38	S	6	6	S	10	c o	-
Kingstown ...	29.952	- 24	46	42	+ 3	48	41	S	3	4	W	5	o c	-
Holyhead ...	30.012	- 16	45	44	0	48	44	SW	4	4	SW	7	b w	-
Liverpool (Bidston Obs.)	30.112	- 09	38	37	- 4	46	38	SE	3	6	WSW	18	o	-
Valencia ...	29.702	- 61	50	48	+ 5	52	43	SSW	7	7	SSW	9	c r	0.18
Roche's Point ...	29.862	- 45	48	48	+ 8	49	40	SSW	9	9	SSW	10	c d	0.02
Pembroke ...	30.082	- 21	47	44	0	49	46	S	6	6	SSW	10	o w	-
Portishead ...	30.202	- 11	37	35	0	48	33	SE	2	5	W	5	g c	-
Scilly ...	30.092	- 30	48	44	+ 5	48	41	S	6	6	S	5	c	-
Plymouth ...	30.182	- 19	45	43	+ 14	46	31	S	4	5	S	10	f o	-
Portsmouth ...	30.252	- 14	41	38	+ 7	47	37	SW	1	1	NW	6	c	-
Dover ...	30.312	- 06	41	41	+ 5	43	34	W	3	4	W	5	b g	-
London ...	30.272	- 07	38	36	+ 4	46	37	SW	1	3	WSW	7	o c	-
Oxford ...	30.26	- 08	33	32	+ 3	42	30	S	1	2	SW	0	c b	-
Cambridge ...	30.262	- 03	32	31	+ 1	41	30	SSW	1	2	SW	3	c b	-
Yarmouth ...	30.272	+ 01	35	35	+ 2	40	32	SW	2	3	WSW	7	c f	-
Helder ...	30.26	+ 06	42	*	+ 1	*	*	SSW	3	*	*	*	*	*
Cape Gris Nez ...	30.282	- 06	44	42	+ 2	46	41	SW	4	4	W	9	o	-
Brest ...	30.202	- 23	47	45	+ 8	47	37	S	5	5	S	10	o	-
L'Orient ...	30.222	?	39	35	+ 3	49	35	SE	4	4	SE	4	c	-
Rochefort ...	30.312	- 11	30	28	- 6	50	27	?NE	4	4	ESE	20	b	-
Biarritz ...	30.242	- 12	34	34	- 7	48	32	SW	4	3	E	2	f c	-
Corunna ...				*		*	*					*		*
Brussels ...	30.28	- 10	37	*	+ 4	*	*	SW	3	*	*	*	o	*
Charleville ...	30.42	+ 02	31	*	+ 1	*	*	SW	3	*	*	*	o	*
Paris ...	30.34	- 19	28	28	0	39	27	SE	3	3	S	10	b w	-
Lyons ...	?	?	42	*	- 1	*	*	N	3	*	*	*	c	*
Toulon ...	30.252	+ 09	39	35	- 2	47	38	?	4	5	E	2	b	-

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

	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.
Skudesnaes ...	29.75	45	44	SW	6	*	2	6	Valencia ...	30.28	49	47	WSW	3	7
Thurso ...	29.61	47	45	WSW	3	9	9	3	Scilly ...	30.40	46	44	SSW	4	4
Scarborough ...	30.14	43	42	WSW	2	10	0	1	London ...	30.38	43	40	WSW	3	6
Greencastle ...	30.07	45	43	W	5	9	9	*	Rochefort ...	30.50	39	37	ENE	3	10
Holyhead ...	30.24	47	45	SW	4	6	c	3							

Pressure has begun to give way somewhat at Valencia, and the wind is backing a little SW stations. Elsewhere the barometer has risen generally, and is as high as 30.50 ms. at

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 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. m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. 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 opposite direction.

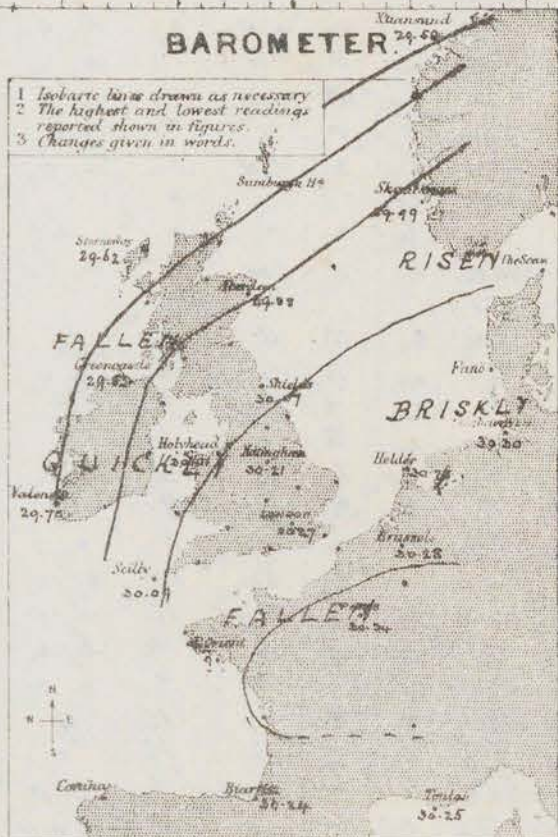
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 1st JANUARY 1874 AT 8 A.M.

BAROMETER.

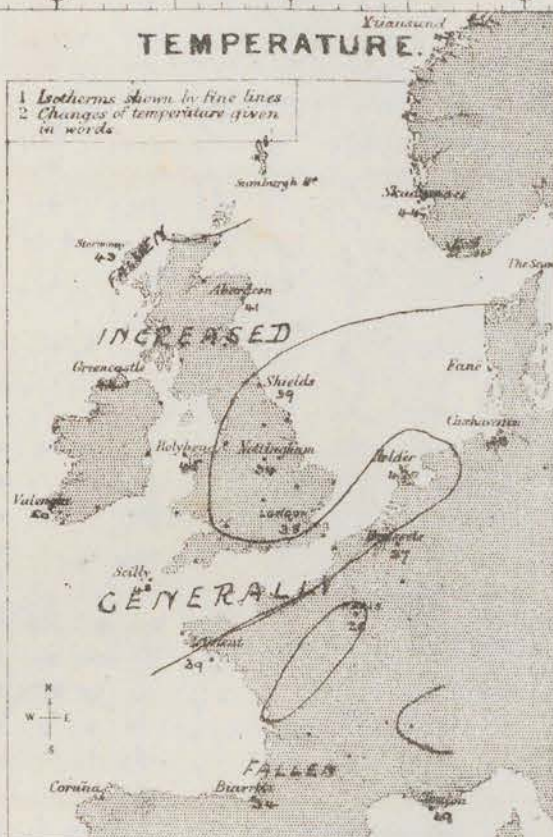
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past 24 hrs. a rapid fall of the barometer has taken place at our W. stations extending in a much less degree to the E. coasts during the night; while on the E. shores of the North Sea the mercury has risen briskly. The highest readings now lie over France, the Netherlands and the S.E. of England; the gradient from Plymouth to Valencia being 0.00 in. while that from Scarborough to London is 0.08 in. per 50 miles.

TEMPERATURE.

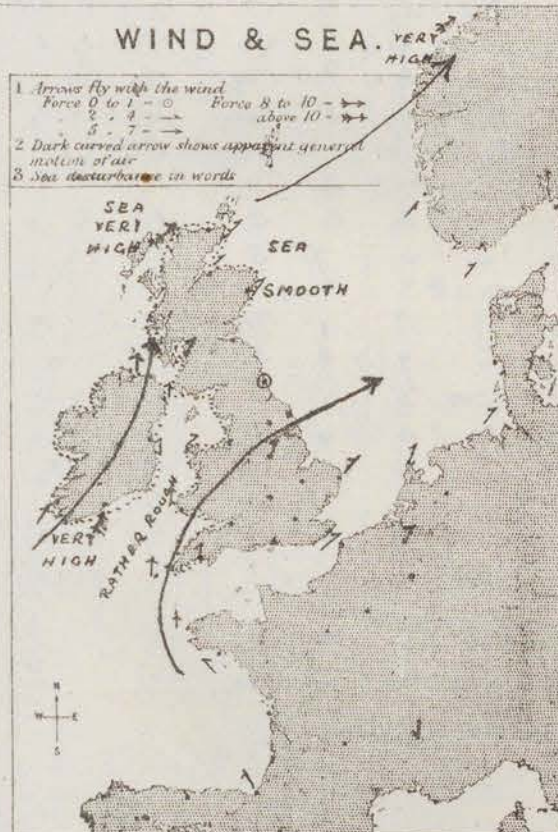
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has increased several degrees except in the W. of Scotland and S. of France.

WIND & SEA.

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



The wind has backed to S. on our W. coasts and to S.W. elsewhere and has increased to a strong gale at Rock of St. Omers and also at St. Louis. At the other W. stations it is generally fresh and light in the E.

The sea is high off the S coast of Ireland and at Stornoway.

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 set in at the most W. stations. The sky is very cloudy except in the E. of England and the weather is very unsettled.

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Delivery by hand 10/- per quarter.
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Meteorological Office
116, Victoria Str., Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Thursday 8 a.m.

WEATHER REPORT. January 8th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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 ...	29.76	+63	35	34	-4	*	*	S	6	4	SW	*	b o	*
Heraösand ...	29.90	+31	35	?	-5	*	*	SSW	4	2	S	*	b c	*
Stockholm ...	30.17	+60	40	37	-4	*	*	SW	4	4	SW	*	r o	*
Wisby ...	30.40	+27	35	33	-6	*	*	SW	4	6	SW	*	o c	*
Örnsköldsvik ...	30.04	+46	39	35	-8	*	*	ESE	2	2	WSW	*	b	*
Skudesnaes ...	29.98	-01	44	44	0	*	*	SSE	8	6	S	*	o	*
Oxö (X'vassand) ...	30.12	+09	42	42	-1	*	*	SSW	6	4	SW	*	c o	*
Skagen (The Skaw) ...	30.21	+13	38	36	-5	*	*	SW	6	*	*	*	o	*
Fanö ...	30.19	-01	32	31	-10	*	*	S	6	*	*	*	b	*
Cuxhaven ...	30.23	-07	29	25	-9	38	?	SSE	3	4	SW	5	c b	-
Samburgh Head ...														
Stornoway (Hides) ...	29.32	-30	45	44	+2	49	40	SW	2	10	S	10	d	0.25
Thurso ...	29.38	-31	43	41	+4	46	38	S	4	6	SSW	8	g o	-
Wick ...	29.46	-30	43	42	+1	45	40	?	4	7	SSW	6	g c	-
Nairn ...	29.45	-32	44	41	-2	47	44	SSW	4	8	W	6	c	-
Aberdeen ...	29.58	-30	40	39	-1	44	39	S	6	6	S	10	c d	0.06
Leith ...	29.57	-40	43	42	0	48	40	S	3	3	SW	8	c o	-
Shields ...	29.71	-36	36	34	-3	40	34	S	5	6	SW	8	c g	-
York ...	29.80	-37	33	33	-1	40	31	SSE	1	2	SE	10	c r	0.06
Scarborough ...	29.87	-34	34	33	0	39	32	SSE	4	4	SSE	10	b o	-
Nottingham ...	29.85	-36	36	35	+2	43	31	S	3	4	S	10	b r	0.14
Ardrossan ...	29.52	-41	43	41	-4	48	42	SE	4	6	S	7	o c	0.04
Greencastle ...	29.43	-40	47	46	+3	48	42	SSE	7	8	S	10	g	0.01
Donaghadee ...	29.49	-45	47	47	+3	48	44	S	5	7	S	10	o	0.04
Kingstown ...	29.53	-42	47	46	+1	49	45	SSE	2	7	SSE	8	g o	0.24
Holyhead ...	29.55	-46	46	46	+1	47	42	S	5	7	S	7	r m	0.08
Liverpool (Bidston Obs.) ...	29.68	-43	37	36	-1	43	35	ESE	?	6	SE	7	c m	0.03
Valencia ...	29.40	-30	57	50	+1	53	47	SSW	4	7	SSW	7	r c	0.68
Roche's Point ...	29.45	-41	49	49	+1	50	48	SSW	5	9	S	9	r o	0.35
Pembroke ...	29.56	-52	50	50	+3	50	44	SSE	8	8	S	10	o r	0.29
Portishead ...	29.73	-47	45	44	+8	47	35	S	6	6	S	5	c u g	0.20
Scilly ...	29.62	-47	50	50	+2	52	47	SW	6	8	S	6	o c	0.29
Plymouth ...	29.70	-48	50	50	+5	50	39	S	6	8	S	10	g r	0.36
Portsmouth ...	29.87	-38	40	39	-1	41	34	SW	6	?	SW	9	c g	-
Dover ...	30.00	-31	37	35	-4	39	35	S	6	5	SW	5	c g	-
London ...	29.91	-36	38	36	0	46	35	SSE	3	5	SSE	5	u f o	0.02
Oxford ...	29.85	-41	37	36	+4	39	33	S	2	3	S	10	c r	0.15
Cambridge ...	29.90	-36	35	33	+3	40	30	SSW	3	3	S	10	b h	-
Yarmouth ...	29.98	-29	37	36	+2	41	34	S	5	7	S	7	m c	0.01
Helder ...	30.11	-16	?	*	?	*	*	SSE	3	*	*	*	*	*
Cape Gris Nez ...	29.99	-29	30	28	-14	46	30	S	5	4	SW	5	o c	-
Brest ...	29.83	-37	52	50	+5	?	44	?	7	8	S	10	o	0.16
L'Orient ...	?	?	50	50	+11	?	38	SSW	5	5	?	8	c o	0.16
Rochefort ...	30.04	-27	36	34	+6	38	26	SE	5	4	SE	10	c o	-
Biarritz ...	30.05	-19	45	43	+11	?	40	S	4	4	SE	3	c	-
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.14	-14	29	*	-8	*	*	?	3	*	*	*	b	*
Charleville ...	30.22	-20	26	*	-5	*	*	SW	6	*	*	*	o	*
Paris ...	?	?	34	*	-8	*	*	N	1	*	*	*	b	*
Toulon ...	30.25	-00	40	35	+1	43	28	NE	3	4	NE	2	b	-

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	
Skudesnaes ...	30.02	44	42	S	6	*	0	4	Valencia ...	29.55	53	50	SSW	7
Thurso ...	29.55	45	42	SSW	5	7	c g	3	Scilly ...	29.91	49	47	S	8
Scarborough...	30.04	39	37	SSW	4	0	b	4	London ...	30.19	43	39	SSW	3
Greencastle ...	29.65	46	44	S	7	10	g	*	Rochefort ...	30.25	37	32	SE	4
Holyhead ...	29.88	46	43	S	6	9	on a	5						2

Pressure continues to decrease generally, most in the Wand NW. The S³ gale has extended to Scilly, and the weather has a threatening appearance at Holyhead, with a rising 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 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; m, misty (hazy); o, overcast; p, passing showers; q, squally; r, rain; s, snow; t, thunder; u, ugly, threatening; v, visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

WEATHER CHARTS

AND REMARKS FOR

THURSDAY 8TH JANUARY 1874 AT 8 A.M.

BAROMETER. RISEN FMT

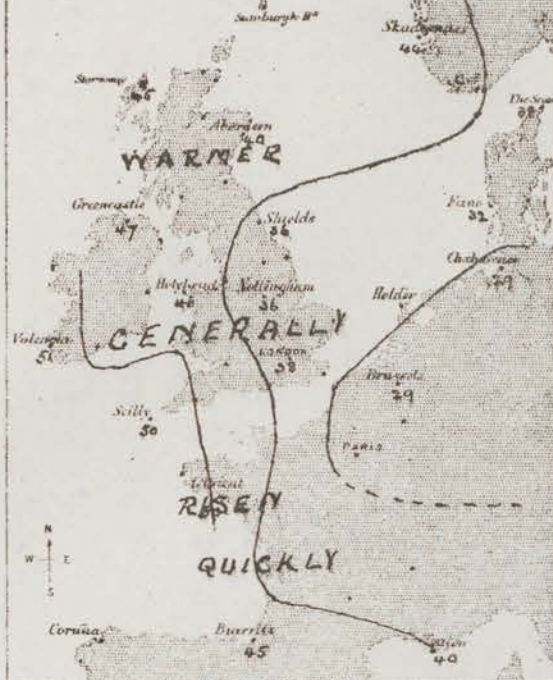
- 1 Isobars line drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



A further fall of the barometer has taken place at all but the Norwegian stations and Iceland. This fall has been greatest in the Irish Channel and at St. Petersburg where it amounts to about half an inch, while at St. Petersburg a rise of equal extent is reported. Readings vary from 29.2 in the E. of France to 29.8 in at St. Petersburg, the steepest gradient is 0.6 in per 50 miles lying over England.

TEMPERATURE.

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



Temperature has risen fast in the W. of France and a few degrees over the British Isles and S. of Norway but fallen in the Netherlands and NE. of France.

WIND & SEA.

- 1 Arrows fly with the wind Force 0 to 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 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847 - 848 - 849 - 850 - 851 - 852 - 853 - 854 - 855 - 856 - 857 - 858 - 859 - 860 - 861 - 862 - 863 - 864 - 865 - 866 - 867 - 868 - 869 - 870 - 871 - 872 - 873 - 874 - 875 - 876 - 877 - 878 - 879 - 880 - 881 - 882 - 883 - 884 - 885 - 886 - 887 - 888 - 889 - 890 - 891 - 892 - 893 - 894 - 895 - 896 - 897 - 898 - 899 - 900 - 901 - 902 - 903 - 904 - 905 - 906 - 907 - 908 - 909 - 910 - 911 - 912 - 913 - 914 - 915 - 916 - 917 - 918 - 919 - 920 - 921 - 922 - 923 - 924 - 925 - 926 - 927 - 928 - 929 - 930 - 931 - 932 - 933 - 934 - 935 - 936 - 937 - 938 - 939 - 940 - 941 - 942 - 943 - 944 - 945 - 946 - 947 - 948 - 949 - 950 - 951 - 952 - 953 - 954 - 955 - 956 - 957 - 958 - 959 - 960 - 961 - 962 - 963 - 964 - 965 - 966 - 967 - 968 - 969 - 970 - 971 - 972 - 973 - 974 - 975 - 976 - 977 - 978 - 979 - 980 - 981 - 982 - 983 - 984 - 985 - 986 - 987 - 988 - 989 - 990 - 991 - 992 - 993 - 994 - 995 - 996 - 997 - 998 - 999 - 1000

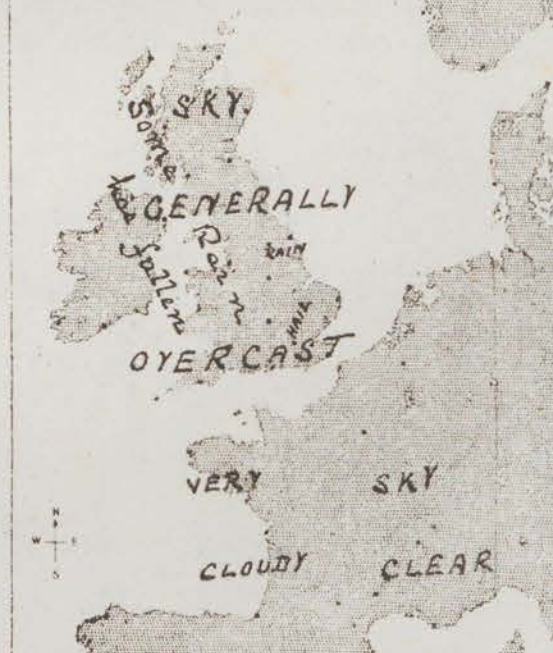


Moderate to fresh S. & S.W. gales have been felt on all but our E. coast since yesterday morning and have subsided to St. Petersburg. S.W. breezes are prevalent throughout W. Europe blowing strongly in the British Isles. At Newbreak a gale is still reported.

The sea is rough on the S.W. W. & N.W. coasts - high in some places - moderate on our E coast

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 been general in the W. and S. The sky is overcast in nearly all places and the weather is very unsettled.

Fogging occurred to our S.W. W. & N. coasts yesterday.

Subscriptions for these Charts payable in advance to order delivery.
Delivered by hand 10/- per quarter
book post 2/- per quarter.

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

Vincent Brooks Day & Son Ltd. London W.C.

Friday 8 a.m.

WEATHER REPORT. January 9th 1874

STATIONS	BAROMETER		THERMOMETERS. (In shade).					WIND				Amount of Cloud 0 to 10.	Weather By Beaufort Scale	Rainfall. In past 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 ...	29.78	+02	32	31	-3	*	*	SW	8	4	SW	*	b	*
Hernösand ...	29.93	+03	31	30	-4	*	*	SSW	6	2	?	*	c	*
Stockholm ...	30.14	-03	31	30	-9	*	*	SSW	4	6	SSW	*	o	*
Wisby ...	30.29	-11	33	32	-2	*	*	SW	4	2	S	*	o	*
Christiansund ...	29.47	-57	44	36	+5	*	*	ESE	4	4	SSE	*	e	*
Skudesnaes ...	29.64	-34	40	39	-4	*	*	SE	10	8	SSE	*	b r	*
Oxö (Xinnasand) ...	29.88	-24	37	?	-5	*	*	SE	6	6	SSE	*	o r	*
Skagen (The skaw) ...	29.98	-23	35	34	-3	*	*	S	8	*	*	*	r	*
Fanö ...	29.97	-22	35	34	+3	*	*	S	6	*	*	*	c	*
Cuxhaven ...	30.078	-16	31	30	+2	?	35	S	3	3	SSE	4	c	-
Sumburgh Head														
Stornoway (Hebrides) ...	29.372	+05	35	34	-10	44	33	W	1	2	SW	4	r c	0.84
Thurso ...	29.332	-05	38	37	-5	49	38	SW	2	4	S	7	o w	0.02
Wick ...	29.432	-02	38	37	-5	45	37	SW	2	5	SSW	6	e	-
Nairn ...	29.462	+01	39	37	-5	48	38	Z	0	0	SSW	6	f c	-
Aberdeen ...	29.492	-09	43	41	+3	46	40	WSW	1	7	S	9	g m	0.13
Leith ...	29.562	-04	42	41	-1	52	41	W	2	13	S	8	o	-
Shields ...	29.568	-15	46	45	+10	46	36	S	4	6	S	9	g d r	0.07
York ...	29.632	-17	46	45	+13	49	32	S	2	3	SE	10	r	0.24
Scarborough ...	29.638	-18	45	45	+11	46	34	SSW	5	5	SSE	10	r	0.19
Nottingham ...	29.682	-17	48	47	+12	48	36	S	5	8	SSE	10	r	0.14
Ardrossan ...	29.552	+03	43	41	0	49	43	SW	2	4	SE	5	o c	0.07
Greencastle ...	29.562	+13	38	37	-9	47	38	WNW	1	4	SSE	1	g b	0.08
Donaghadee ...	29.542	+05	37	36	-10	48	37	SSW	3	6	S	4	o c	0.11
Kingstown ...	29.622	+09	42	39	-5	51	41	S	1	3	SSE	5	m	0.11
Holyhead	29.602	+05	44	42	-2	51	43	Z	0	4	SSW	4	r m	0.23
Liverpool (Bidston Obs.) ...	29.642	-04	43	42	+6	50	37	W	4	5	SSE	10	g r	0.46
Valencia ...	29.642	+24	43	42	-8	57	38	W	3	4	NNW	6	f	0.26
Roche's Point ...	29.652	+20	40	39	-9	59	38	Z	0	5	SSW	2	o b	-
Pembroke ...	29.652	+09	46	44	-4	50	44	WNW	1	7	SSW	10	o g	0.29
Portishead ...	29.672	-06	48	48	+3	51	43	WSW	2	7	S	10	g r	0.38
Scilly ...	29.682	-06	47	45	-3	52	46	WNW	3	8	SSW	8	o	0.20
Plymouth ...	29.662	-04	48	48	-2	52	46	WNW	3	8	SSW	10	r f	1.07
Portsmouth ...	29.805	-07	47	46	+7	47	38	SW	6	7	SW	9	g r	0.08
Dover ...	29.912	-09	43	41	+6	45	35	SSW	5	6	S	6	o w	0.17
London ...	29.782	-13	46	44	+8	47	38	S	5	7	SSW	9	c g o	0.64
Oxford ...	29.74	-11	47	46	+10	47	37	S	3	6	SW	10	r	0.17
Cambridge ...	29.762	-14	44	42	+9	44	34	S	3	3	SSE	10	r o	0.04
Yarmouth ...	29.848	-14	43	42	+6	43	36	S	6	7	S	6	g c	0.06
Helder ...	29.95	-16	34	*	?	*	*	S	6	*	*	*	g *	*
Cape Gris Nez ...	29.915	-08	39	33	+9	?	30	S	5	5	S	8	o	-
Brest ...	29.732	-10	52	50	0	54	50	SSW	7	8	SSW	10	o r	0.20
L'Orient ...	?	?	51	49	+1	56	49	SSW	5	7	SSW	5	o c	-
Rochefort ...														
Biarritz ...	30.002	-05	50	48	+5	54	47	S	4	5	S	5	m g	-
Corunna ...			*	*	*	*	*				*	*	f	*
Brussels ...	30.06	-08	37	*	+8	*	*	SSW	3	*	*	*	e	*
Charleville ...	30.18	-04	34	*	+8	*	*	ESE	6	*	*	*	e	*
Paris ...														
Lyons ...	?	?	39	*	+5	*	*	N	3	*	*	*	b	*
Toulon ...														

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

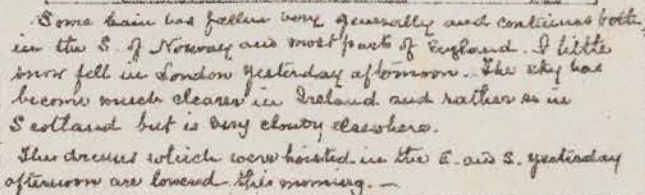
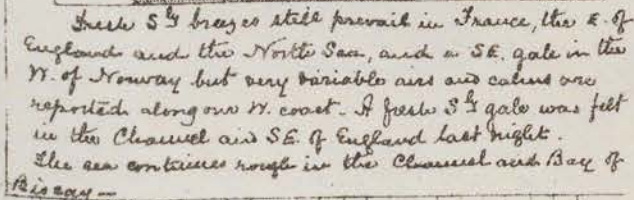
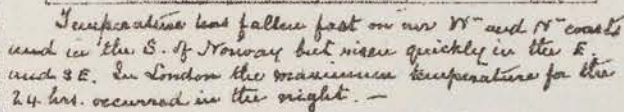
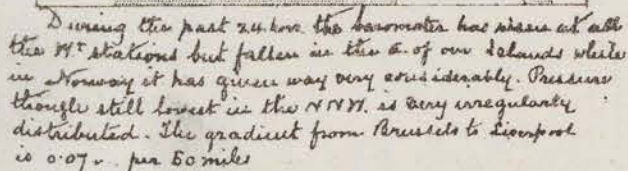
	Bar	Dry	Wet	Wind	C	Wca	Sea.		Bar	Dry	Wet	Wind	C
Skudesnaes ...					*			Valencia ...	29.42	45	45	WSW	3
Thurso ...	29.33	43	42	S	3	10	2	Scilly ...	29.53	52	52	SSW	8
Scarborough ...	29.69	35	35	SSE	5	10	9	London ...	29.82	43	41	SSE	4
Greencastle ...	29.35	47	46	S	1	10	9	Rochefort ...	30.04	42	38	?S	5
Holyhead ...	29.47	49	48	SSW	4	6	m						

Pressure is changing very irregularly. The S. gale has subsided at Pembroke, have set in at Scilly and Aberdeen, with a rough sea, and even at Pembroke the sea fallen fast since 1 p.m. The weather remains very unsettled. In London rain and warnings extended to the S. and E. 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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, annual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

FRI-DAY 9TH JANUARY 1874 AT 8 A.M.



Vincent Brooks Day & Son Ltd. London W.C.

Saturday day 8 a.m.

WEATHER REPORT.

Jan 10th 1874.

STATIONS.	BAROMETER.		THERMOMETERS (in shade)					WIND.				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 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.	Dirac.	Force. (0 to 12.)	Force (0 to 12.)	Dirac.			
Haparanda ...	29.54	-.24	32	32	+1	*	*	SW	9	8	SW	*	o	*
Hernösand ...	29.80	-.15	36	33	+5	*	*	SSW	2	8	SSW	*	o	*
Stockholm ...	29.97	-.27	35	33	+4	*	*	S	2	6	SSW	*	bn	*
Wisby ...	30.18	-.11	35	34	+2	*	*	SSW	4	2	SW	*	ob	*
Christiansund ...	29.65	+ .18	38	37	-6	*	*	WSW	6	8	SW	*	n	*
Skudesnaes ...	29.89	+ .25	42	41	+3	*	*	SSW	6	8	SSE	*	n	*
Oxö (Xtiansand)	29.96	+ .08	39	38	+2	*	*	SW	4	8	SSW	*	no	*
Skagen (The Skaw)	30.01	+ .03	38	38	+0	*	*	WSW	2	*	*	*	f	*
Fanö ...	30.06	+ .09	41	?	+6	*	*	SW	4	*	*	*	f	*
Cuxhaven ...	30.19	+ .11	36	35	+5	?	23	SW	3	3	SSE	6	c	-
Sumburgh Head														
Stornoway (Hebrides)	29.84	+ .47	32	32	-2	40	31	W	1	2	WSW	2	pz	0.19
Thurso...	29.80	+ .47	36	35	-2	42	34	SW	2	2	SW	7	cp	0.01
Wick ...	29.85	+ .42	35	34	-3	42	34	SW	2	2	SW	6	e	-
Nairn ...	29.89	+ .43	36	33	-3	42	36	Z	0	1	W	4	bn	-
Aberdeen ...	29.91	+ .42	39	36	-4	44	35	SW	1	2	SSW	9	fm	-
Leith ...	29.97	+ .44	40	39	-2	46	38	W	3	3	W	6	c	-
Shields...	30.02	+ .47	38	37	-8	46	36	SW	1	4	SW	8	bm	0.03
York ...	30.06	+ .43	31	31	-15	47	28	Z	0	2	S	10	cg	0.08
Scarborough ...	30.04	+ .41	38	37	-7	46	34	SW	2	4	SW	10	cg	0.10
Nottingham ...	30.08	+ .40	40	40	-8	48	34	NNE	1	5	W	10	n	0.22
Ardrossan ...	29.97	+ .42	44	42	+1	46	43	WSW	2	5	SW	5	c	-
Greencastle ...	30.02	+ .46	39	38	+1	42	38	W	2	4	SW	10	cg	0.01
Donaghadee ...	30.01	+ .47	36	35	-1	46	36	W	3	4	S	5	c	-
Kingstown ...	30.04	+ .42	39	37	-2	47	38	W	1	2	SW	5	zf	-
Holyhead ...	29.98	+ .38	39	38	-5	46	39	Z	0	2	SW	5	bm	-
Liverpool (Bidston Obs.)	30.05	+ .41	35	34	-8	45	31	SE	2	2	SE	10	cg	0.01
Valencia ...	30.09	+ .45	37	35	-6	48	35	NNE	2	3	SW	3	ob	-
Roche's Point ...	30.05	+ .40	40	39	0	48	37	WNW	3	3	SW	3	ct	-
Pembroke ...	29.96	+ .31	42	40	-4	48	41	NE	4	4	NE	10	co	0.31
Portishead ...	29.98	+ .31	48	48	0	49	41	SW	3	3	WSW	10	n	0.41
Scilly ...	29.97	+ .29	52	51	+5	52	46	SW	5	5	SW	9	o	0.19
Plymouth ...	30.00	+ .34	50	50	+2	51	45	S	3	3	S	10	go	0.12
Portsmouth ...	30.09	+ .29	44	43	-3	49	41	E	1	6	SW	4	sm	0.02
Dover ...	30.09	+ .18	45	44	+2	44	42	SW	5	5	SW	6	cg	0.01
London ...	30.07	+ .29	45	43	-1	50	44	SW	2	5	S	6	oac	0.01
Oxford...	30.07	+ .33	45	44	-2	50	45	Z	0	4	S	10	nm	0.41
Cambridge ...	30.05	+ .29	44	43	0	49	43	S	1	2	S	10	no	0.20
Yarmouth ...	30.08	+ .24	43	43	0	45	41	SSW	2	5	S	8	no	0.10
Helder ...	30.11	+ .16	39	*	+5	*	*	?	4	*	*	*	*	*
Cape Gris Nez...	30.07	+ .16	44	40	+5	48	38	S	4	5	S	9	o	-
Brest ...	30.06	+ .33	48	48	-4	56	46	SE	3	7	SSW	10	zf	0.08
L'Orient ...	?		42	42	-9	57	42	ESE	3	5	SSW	4	c	-
Rochefort ...	30.11	+ .13	41	39	+1	50	39	SE	4	4	NE	0	ct	-
Biarritz ...	30.04	+ .04	43	41	-7	55	39	E	1	4	SE	9	c	-
Corunna ...			*	*		*	*			*	*	*	*	*
Brussels ...	30.17	+ .11	40	*	+3	*	*	SW	3	*	*	*	c	*
Charleville ...	? 30.25	+ .07	26	*	-8	*	*	E	1	*	*	*	c	*
Paris ...	30.19	+ .13	32	?	+2	42	30	SE	3	4	S	4	b	-
Lyons ...	?		46	*	+7	*	*	NE	1	*	*	*	f	*
Toulon...	30.24	+ .02	45	43	+3	47	41	E	5	4	E	8	no	0.08

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

	Bar.	Dry.	Wet.	Wind.	O	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O		
Skudesnaes ...	29.64	44	44	SSW	8	*	n	8	Valencia ...	29.84	47	46	SW	3	4
Thurso ...	29.48	42	39	SW	2	3	c	2	Scilly ...	29.80	50	48	Z	0	7
Scarborough...	29.77	45	44	WSW	2	9	o	2	London ...	29.86	50	48	SSW	4	10
Greencastle ...	29.67	42	41	WSW	4	7	c	*	Rochefort ...	30.04	48	44	SSE	4	5
Holyhead ...	29.77	44	43	SW	1	3	b	1							

The rise noticed in the W. this morning has extended to all stations. The wind is backing to S. in the West and the weather is warmer. The sky is very cloudy generally and the sea continues high at 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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

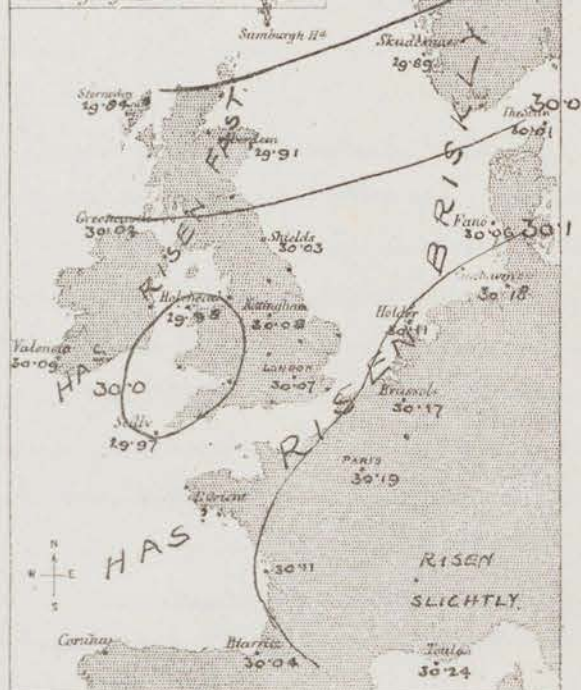
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 10TH JANUARY 1874 AT 8 A.M.

BAROMETER.

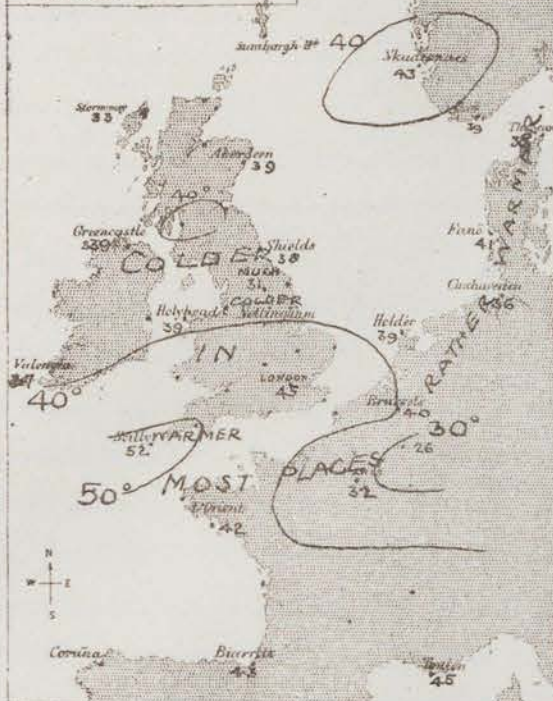
- 1 Isotherms drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A considerable rise of the barometer has taken place throughout our Islands, France and Holland during the past 24 hrs. especially on our N and W coasts, and readings are much more uniform than of late. Pressure is still lower in the N. than elsewhere and a shallow depression has shown itself over Wales and St Georges Channel. Gradients are slight everywhere. —

TEMPERATURE.

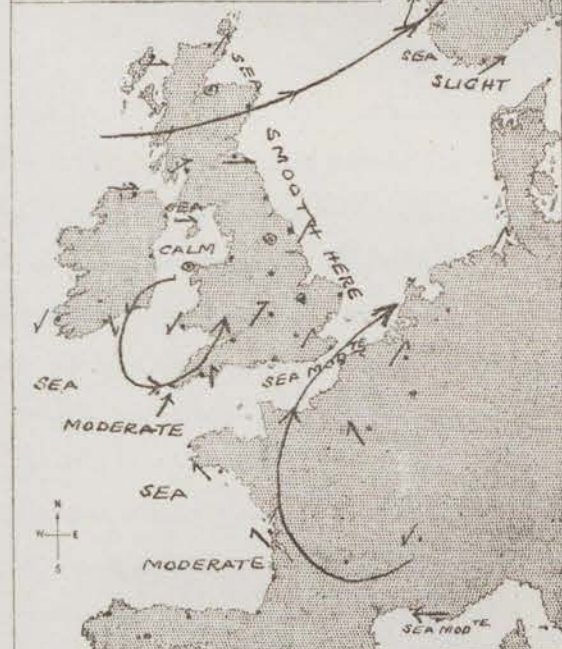
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen several degrees in most places — as much as 15° at York where a frost has set in. In Denmark and Holland and the S.W. of England, however, the thermometer has risen.

WIND & SEA. ROUGH

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



The wind has become very light in most places but continues fresh from S.W. in Norway. At our N. stations it is N.W. while in Ireland and England it circulates round the shallow depression noted above. In the W. of France it is S.E.

The sea is moderate to smooth. —

CLOUD, RAIN &c.

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



A little rain has fallen in most places — chiefly in the S. and S.W. The sky is very cloudy this morning and rain is falling in the W. of Norway. —

Subscriptions for these Charts payable in advance to cover delivery.
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book post 5/- per quarter.

Meteorological Office
116, Victoria Str. Westminister, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London, W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 4TH to JANUARY 10TH 1874.

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

The weather has again been of an unsettled character. During the earlier days of week some depressions passed from W. to E. over the more N^W parts of the Kingdom but during night of the 6th the mercury fell fast in the W. and from that time until the 8th we experienced S^W breezes and gales. A change then took place owing to a general rise of the barometer, which manifested itself first in the SW of Ireland; and by 8 am. on the 10th much greater uniformity prevailed than for some time past, notwithstanding the formation of a local disturbance over St Georges Channel during the previous night. Temperature has varied very much, but the weather has, on the whole been mild. Some snow fell in the W. and considerable electrical disturbance was reported on the 4th —

JAN. 4TH — The centre of the disturbance noticed at the close of last week's summary had apparently reached S. of Norway where the barometer had fallen more than 0.6 in.; while on our SW. coasts and in the Bay of Biscay a very brisk recovery had taken place and extended to our E^W coasts in the night. Fresh N^W prevailed in the S. of Norway accompanied by a hard SW. gale at the Scaw; and while the wind was from the W^W in the N. & NE. of our Islands, stiff NW. breezes blew at the SW^W stations (strong gales having felt in the night) attaining the force of a gale at Scilly and in the Bay of Biscay. At Paris and Cherbourg there were SW^W gales. Temperature fell considerably over England, especially at the central stations, but Rain had been very general except in Scotland, snow and hail in many places, thunder in the SW. lightning at Nottingham and Ardrossan. The sky had, however, begun to clear in the E., though showers of snow or hail again fell in the W. during the day. —

JAN. 5TH — The recovery of pressure had become general and was greatest in the S. of Norway, where, however, the lowest readings were still found. The gradients over our Islands at 8 am. were moderate for NW^W winds, a fresh fall of the mercury had set in at Stromway since 4 am. — The winds had backed to the SW^W both at that station and Valencia, but on our other coasts and in France light to moderate NW^W breezes were general drawing into W. over Holland and Denmark, while moderate NE winds were felt in the S. of Norway. The sky changed very irregularly. The sky was moderately clear except in the Hebrides. During the day the SW^W extended laterally E^W over all our NW^W stations, accompanied by cloudy weather and some rain. —

JAN. 6TH — A fall of 0.3 in. in the barometer had taken place at Christiansund and a slight fall in the S. of Scotland. Everywhere else the mercury had risen, especially in the SE. An area of high pressure (exceeding 30.4 in.) lay over the N^W parts of France and gradients for NW^W breezes over our Islands were rather slight. Moderate W. to WSW. winds were general over the British Isles and North Sea, drawing into SW. in Norway and increasing to a strong breeze. At Christiansund a gale was reported. In France however, moderate E^W winds prevailed. The weather became much warmer at all the NW^W and NW^W stations but considerably colder in France and the SE. of England; while clouds increased especially in the W. Fogs were reported in the Channel, dull weather in the S. of France, but clear skies in the NW^W Departments. During the morning pressure began to give way slowly at Valencia but the change was very slight until the evening, when it became rapid. —

7th — A very marked change had taken place in the night. The mercury had fallen more than half an inch at Valencia, less at our other Wⁿ stations and over the Bay of Biscay, while in the E. and NE. it had risen, most in Norway. The highest readings were thus left over the Eⁿ and central parts of France while the lowest lay to the Wⁿ of the British Isles. The wind had backed towards S. at all but the French stations, and already reached the force of a strong gale at Roches Point, Stromway and Christianund, while rather strong S^{ly} breezes were felt at our other Wⁿ stations. Over the North Sea the winds were SW^{ly} light to moderate in force, while France experienced moderate breezes from the SEⁿ. Temperatures again rose in Ireland but changed very irregularly elsewhere. Rain set in over the extreme W. of Ireland and spread to all our Wⁿ stations during the day, while clouds increased generally —

8th — The barometer had again fallen fast in the W. and the fall had extended to all but the Scandinavian stations, where a very considerable rise had occurred. The highest readings were found over Germany and the E. of France. Gradients for S^{ly} breezes became steep over England. Fresh S^{ly} gales had been felt at our Wⁿ stations and the mouth of the Channel as well as in the W. of Scotland but had now moderated, while fresh breezes from the same quarter blew in the E.; but moderate SE winds were still reported from the central and SW parts of France. Temperatures rose in almost all places, but fell fast in Holland and the NE of France, and dull squally weather prevailed generally, with rain in the W. and S. In the course of the day, the decrease of pressure spread laterally to the Eⁿ but a recovery commenced in the SW. of Ireland.

9th — At 8 am. the mercury stood higher at all the Wⁿ and lower at the Eⁿ and NEⁿ stations than on the previous day. In Wⁿ Europe, too, pressure had given way again. Comparative uniformity had become established in the W. of our Islands, while the steepest gradients (those for S^{ly} winds) were found over the E. of France, the SE. of England and the North Sea. A rather fresh S^{ly} current of wind prevailed in these regions, drawing into SE. in Norway. Stiff gales were reported at Skudesnaes and the Scaev. In our Wⁿ coasts, however, calm and W^{ly} air were experienced. Temperatures fell fast in Ireland, Scotland, and a few degrees in the S. of Norway, while over France and the greater part of England it rose quickly. Rainy weather had prevailed at nearly all stations and continued in England during the day, but in Ireland a marked improvement had set in the barometer still rising steadily. —

10th — The recovery of pressure noticed in the extreme W. yesterday had become very brisk and extended to all parts of Wⁿ Europe. The lowest readings were still found in the far W. the highest over France, and a very shallow depression had been formed over St Georges and the Bristol Channels. Very light SW. breezes were felt in Scotland, drawing into SW. and freshening in Norway and Denmark, while at the Irish and English Stations light breezes circulated round the shallow disturbance in the W. In France the wind was SE^{ly}. Temperatures fell very generally. At York the change amounted to 15° and a frost set in locally. The sky though still moderately clear in the W. was cloudy elsewhere. During the morning the mercury began to fall a little in London and at Rochefort and by 2 pm. there were some indications of a new area of high pressure advancing over Ireland from the Wⁿ. —

Sun - day 8 a.m.

WEATHER REPORT.

Jan'y 11th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.			
Haparanda ...	29.57	+02	25	24	+1	*	*	SH	4	4	SH	*	7	*
Hernösand ...	29.78	+02	19	18	+17	*	*	NNN	2	0	Z	*	7	*
Stockholm ...	29.87	-10	36	35	+1	*	*	SSH	2	2	SSH	*	0	*
Wisby ...	30.41	+23	28	?	-7	*	*	N	2	2	SH	*	of	*
Christiansund ...	29.57	-03	40	34	+2	*	*	SSE	5	4	SH	*	c	*
Skudesnaes ...	29.82	-07	42	39	-1	*	*	SSH	6	4	N	*	bo	*
Oxö (X'iansand)	29.90	-06	33	32	-6	*	*	NNE	2	6	SSH	*	be	*
Skagen (The Skaw)	29.95	-06	36	35	-2	*	*	NSSN	4	*	*	*	7	*
Fano ...	30.03	-03	33	33	-8	*	*	SE	2	*	*	*	c	*
Cuxhaven ...	30.05f	-13	36	35	-1	?	32	SH	1	2	SH	9	of	-
Sumburgh Head														
Stornoway (He- brides)	29.43f	-41	47	46	+14	47	32	NSSN	6	7	NSSN	10	bd	0.18
Thurso ...	29.42f	-38	42	40	+6	42	32	S	3	3	SSH	7	bo	0.01
Wick ...	29.49f	-36	42	42	+8	44	34	SH	3	3	SH	8	bo	-
Nairn ...	29.57f	-32	42	40	+6	42	34	SH	3	3	N	6	c	-
Aberdeen 3 a.m.	29.70f	-21	39	37	0	41	31	SSH	5	5	SSH	7	bo	-
Leith ... 3 a.m.	29.81f	-16	42	39	+2	45	35	SH	4	3	N	6	c	-
Shields ... 3 a.m.	29.95f	-08	38	37	0	41	33	SSH	3	2	NSSN	5	7fe	-
York ...	30.07f	+01	33	32	+2	37	25	S	1	1	N	3	ob	-
Scarborough (10 a.m.)	30.01f	-03	34	34	-4	42	33	SSH	2	1	NSSN	4	ob	-
Nottingham ...	30.13n	+05	33	32	-7	48	28	SSH	2	5	N	10	kg	0.19
Ardrossan ...	29.87f	-10	43	41	-1	45	41	SSH	4	4	SSH	8	cd	0.01
Greencastle 3 a.m.	29.85f	-17	42	41	+3	42	36	NSSN	5	5	NSSN	10	cd	0.01
Donaghadee ...	29.93f	-08	39	38	+3	45	33	NSSN	2	3	N	10	bo	-
Kingstown ...	30.08f	+04	43	40	+4	44	37	S	2	3	NNN	7	bo	-
Holyhead ...	30.03f	+05	43	41	+4	46	39	SH	2	2	NNN	1	7	-
Liverpool (Bidston Obs.)	30.07f	+02	38	36	+3	44	35	SSH	3	3	SSH	2	cb	-
Valencia ...	30.11f	+02	46	44	+9	46	35	NSSN	2	2	NNE	7	bo	-
Roche's Point ...	30.12f	+07	42	41	+2	45	36	NSSN	2	3	NNN	5	bo	-
Pembroke ...	30.14f	+18	38	38	-4	45	36	Z	0	4	N	6	of	-
Portlshend ...	30.15n	+17	34	34	+14	51	32	Z	0	4	NE	10	pf	0.11
Scilly ...	30.15n	+18	43	42	-9	52	42	Z	0	5	NNE	5	c	-
Plymouth ...	30.15n	+15	34	34	-16	53	31	E	1	2	NN	10	of	-
Portsmouth 8.30 a.m.	30.15n	+06	40	39	-4	50	38	NE	1	1	SH	6	om	-
Dover ...	30.10n	+01	42	39	-3	48	41	NNE	3	4	SH	10	vf	-
London ...	30.13n	+06	37	36	-8	54	34	Z	0	3	SH	10	cof	-
Oxford ...	30.16	+09	30	29	-15	51	30	Z	0	1	SH	10	df	0.03
Cambridge ...	30.14n	+09	29	29	-15	50	29	Z	0	2	NN	10	pf	0.08
Yarmouth ...	30.11n	+03	34	34	-9	47	32	NNN	2	3	S	8	uf	0.06
Helder ...				*		*	*			*	*	*	*	*
Cape Gris Nez ...	30.09n	+02	43	43	-1	47	39	Z	0	4	S	10	om	0.08
Brest ...	30.17n	+11	42	42	-6	49	38	SSE	?	5	SE	10	f	-
L'Orient ...	?		38	38	-4	49	37	E	1	3	E	2	ft	-
Rocheport ...	30.14n	+03	39	37	-2	47	37	ESE	4	4	ESE	0	ob	-
Biarritz ...	30.04n	-00	46	44	+3	50	41	SE	3	4	E	0	f	-
Corunna ...	30.04	+16	45	*	-7	*	*	NE	3	*	*	*	7	*
Brussels ...	30.13	-04	33	*	-7	*	*	S	1	*	*	*	c	*
Charleville ...	? 30.15	-10	25	*	-1	*	*	S	3	*	*	*	f	*
Paris ...	30.17f	-02	30	?	-2	40	30	SSE	1	?	?	10	-m	-
Lyons ...	?		43	*	-3	*	*	N	1	*	*	*	f	*
Toulon ...														

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

	Bar.	Dry.	Wet.	Wind.		C.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.		C.
Skudesnaes ...	29.93	41	40	W	4	*	0	+	Valencia ...	30.16	44	42	N E	1	1
Thurso ...	29.87	40	37	W	1	2	7	2	Scilly ...	30.08	49	43	N N E	5	6
Scarborough ...	30.04	42	41	W	1	8	5.	1	London ...	30.06	51	48	S W	2	7
Greencastle ...	30.07	41	40	N N W	1	3	7	*	Rocheport ...	30.10	47	40	E S E	4	10
Holyhead ...	30.07	45	43	N N W	2	3	7	1							

Pressure continues to increase at the N. and N. stations but has decreased slightly both in London and at
The wind has shifted to NNE at Scilly with a fall of temperature and finer 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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

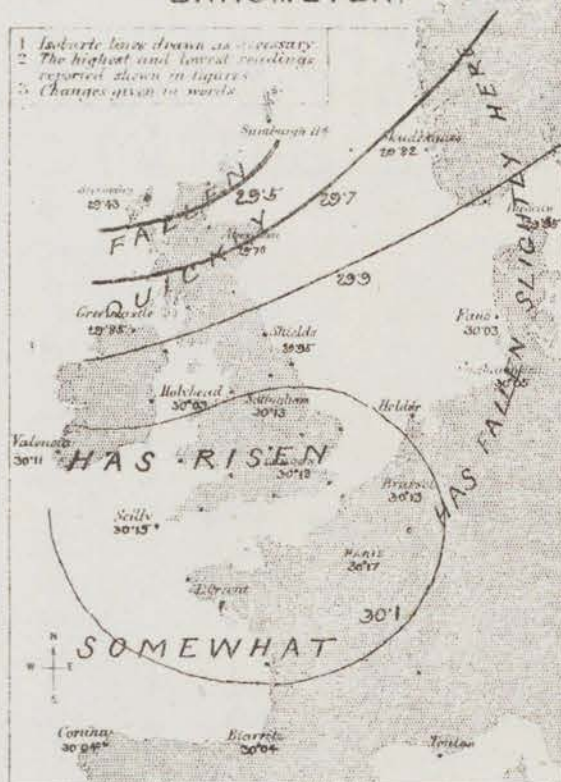
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 11TH JANUARY 1874 AT 8 A.M.

BAROMETER.

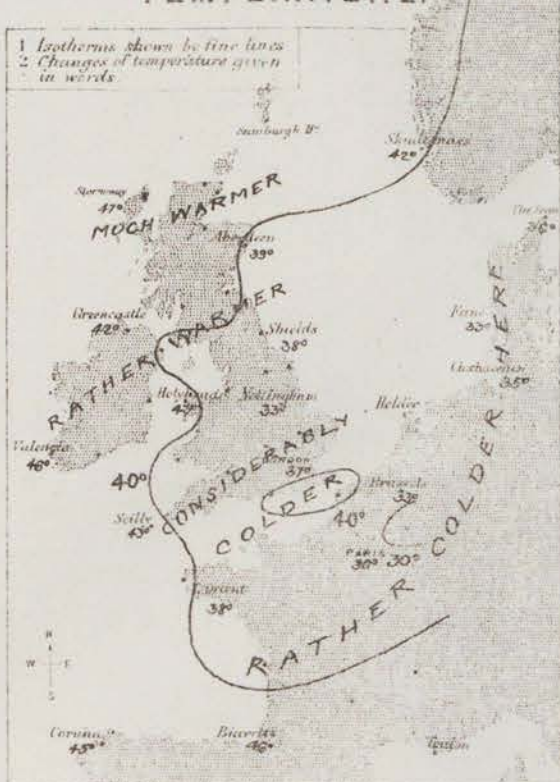
- 1 Isobars have been drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The increase of pressure noticed in our Islands yesterday continues in the south and south west, but during the past night a sudden fall of the barometer has taken place on our north and north west coast; and there appears to be a deep depression advancing from the W³, the southern portion of which is passing over our northern stations. The gradient from Leith to Stornoway is 0.12 in per 50 miles, but readings are very uniform over France and the south of our Islands.

TEMPERATURE.

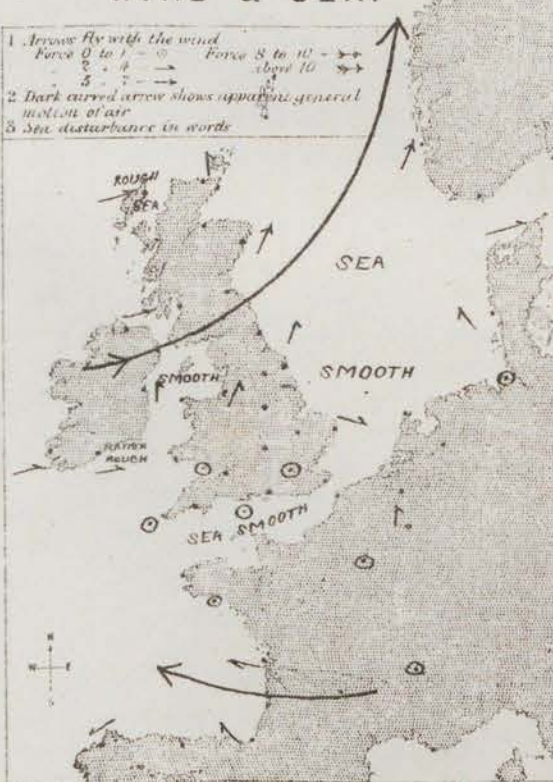
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperatures have risen on our west and north coasts but fallen generally elsewhere - very considerably over southern and central England.

WIND & SEA.

- 1 Arrows fly with the wind.
Force 0 to 1 - - - - -
Force 2 to 4 - - - - -
Force 5 to 7 - - - - -
Force 8 to 10 - - - - -
Force 11 to 12 - - - - -
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



The S.W. wind has freshened in Scotland, but in the south of England calms prevail, with a moderate E³ breeze in the south-west of France. The sea is rough at Stornoway, and rather so off the west coast of Norway, smooth generally 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 little rain has fallen in the south east of England. The sky is clear in the south west and south of France, but very cloudy elsewhere, with fog at all the southern stations.

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ROBERT H. SCOTT, Director.

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Mon- day 8 a.m.

WEATHER REPORT.

Jan'y 12th 1871.

STATIONS.	BAROMETER		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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 ...	27.20	-27	31	31	+6	*	*	SW	2	2	SW	*	b-s	*
Hernösand ...	29.51	-27	36	34	+17	*	*	S	2	2	S	*	br	*
Stockholm ...	29.52	-25	34	33	-2	*	*	SW	6	6	SW	*	co	*
Wisby ...	29.76	-25	39	37	+11	*	*	SW	6	2	SW	*	co	*
Christiansund ...	28.82	-74	34	34	-6	*	*	SW	6	7	SW	*	rs	*
Skudesnaes ...	29.28	-34	40	37	-2	*	*	SW	2	2	S	*	no	*
Oxö (Xtiansand)	29.32	-58	43	41	+10	*	*	SW	6	8	SW	*	o	*
Skagen (The Skaw)	29.43	-52	41	41	+5	*	*	SW	2	*	*	*	n	*
Fanö ...	29.62	-41	39	?	+6	*	*	WSE	6	*	*	*	n	*
Cuxhaven ...	29.80 f	-25	36	26	+1	?	31	SW	5	3	SW	9	fm	-
Sumburgh Head														
Stornoway (Hebrides)	29.43 R	-00	34	32	-13	47	31	W	6	6	W	5	qso	0.22
Thurso ...	29.28 R	-14	32	32	-10	49	31	W	5	7	W	10	ofo	0.24
Wick ...	29.33 R	-16	32	32	-11	45	30	W	3	2	W	8	cos	0.08
Nairn ...	29.46 R	-11	36	35	-6	49	35	WSE	3	4	SW	10	om	0.02
Aberdeen ...	29.45 R	-25	40	35	+1	48	39	WSE	1	5	SW	0	cb	-
Leith ...	29.59 R	-22	40	39	-2	50	39	W	3	6	W	3	st	-
Shields ...	29.66 R	-29	43	41	+5	47	37	W	4	8	W	6	e	-
York ...	29.74 f	-33	45	42	+12	48	32	W	1	3	W	7	e	0.01
Scarborough ...	29.70 f	-31	41	41	+7	45	34	W	3	4	SW	4	e	-
Nottingham ...	29.80 f	-33	47	46	+14	47	32	SW	3	6	SW	10	bg	-
Ardrossan ...	29.67 R	-20	43	40	0	49	42	WSE	4	6	WSE	8	pq	0.20
Greencastle ...	29.77 R	-08	41	39	-1	46	40	WSE	5	5	SW	9	o	0.00
Donaghadee ...	29.77 R	-16	40	39	+1	48	32	WSE	2	7	WSE	4	os	0.01
Kingstown ...	29.87 S	-21	45	43	+2	50	42	WSE	4	6	W	9	o	0.02
Holyhead	29.81 f	-22	46	44	+3	49	43	W	2	4	SW	7	cg	0.36
Liverpool (Ediston obs.)	29.80 f	-27	44	43	+6	47	38	WSE	4	5	W	10	co	0.06
Valencia ...	29.77 f	-14	47	46	+1	51	44	WSE	3	3	WSE	7	co	0.28
Roche's Point ...	29.91 f	-21	46	45	+4	53	42	W	2	4	WSE	8	o	0.04
Pembroke ...	29.88 f	-26	49	49	+11	49	37	W	5	5	WSE	10	cm	0.00
Portishead ...	? 29.88 f	-27	47	47	+13	48	31	WSE	4	3	W	10	fo	0.02
Scilly ...	30.00 f	-15	50	50	+7	50	42	WSE	5	5	WSE	10	ofd	0.03
Plymouth ...	29.96 f	-19	47	47	+13	47	33	W	3	3	W	10	fm	-
Portsmouth ...	29.96 f	-19	46	46	+6	47	37	W	4	4	W	9	ofd	0.01
Dover ...	29.93 f	-17	45	43	+3	45	37	SW	4	3	WSE	8	bg	-
London ...	29.90 f	-23	45	43	+8	46	34	WSE	3	3	WSE	10	fod	0.02
Oxford ...	29.89	-27	45	44	+15	45	30	SW	2	3	SW	10	fd	0.24
Cambridge ...	29.87 f	-27	42	39	+13	42	29	SW	2	2	SW	10	co	0.92
Yarmouth ...	29.84 f	-27	40	40	+6	40	32	SW	2	3	WSE	7	fm	0.01
Helder ...	29.80		43	*		*	*	SW	6	*	*	*	*	*
Cape Gris Nez ...	29.96 f	-13	46	44	+3	?	37	SW	5	3	S	10	fo	-
Brest ...	30.08 f	-09	49	47	+7	?	41	W	3	4	SW	8	fo	0.08
L'Orient ...	?		46	46	+2	?	35	SW	1	3	E	9	ar	-
Rochefort ...	30.16 f	-02	38	36	-1	55	34	?	3	4	ESE	10	th	-
Biarritz ...	30.13 R	-09	44	42	-2	46	41	SSE	3	3	E	7	f	-
Corunna ...	30.08	+04	41	*	-4	*	*	NE	9	*	*	*	f	*
Brussels ...	30.00	-13	37	*	+4	*	*	W	3	*	*	*	e	*
Charleville ...	? 30.12	-03	25	*	0	*	*	S	3	*	*	*	o	*
Paris ...	30.08 f	-09	36	?	+6	?	30	S	1	3	S	10	mo	0.04
Lyons ...	?		44	*	+1	*	*	NNE	3	*	*	*	b	*
Toulon ...														

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

Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	C.
Skudesnaes ...	29.60	43	41	S	6	*	Valencia ...				
Thurso ...							Scilly ...				
Scarborough ...							London ...				
Greencastle ...						*	Rochefort ...	30.21	52	48	SSE 3 0
Holyhead ...											

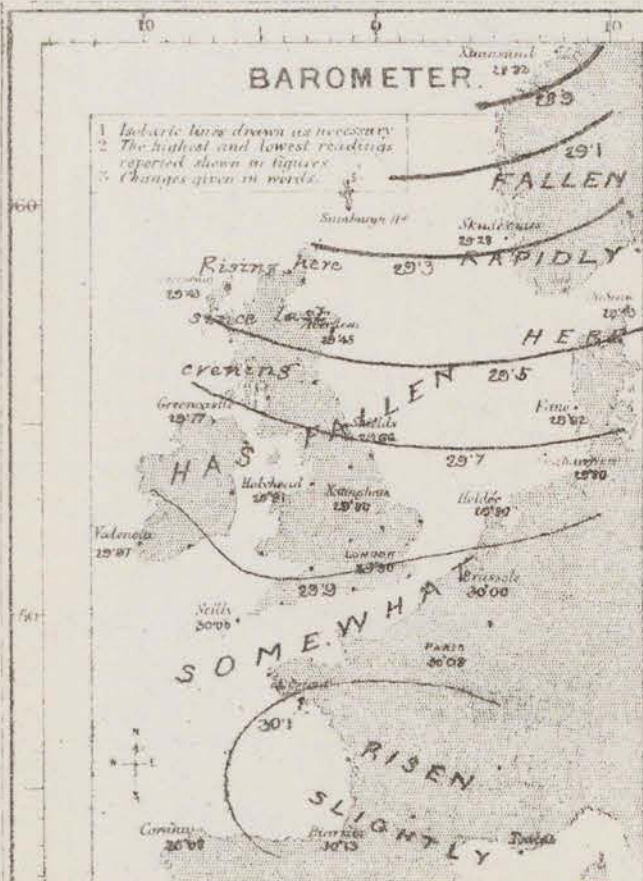
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

WEATHER CHARTS

AND REMARKS FOR

MONDAY 12TH JANUARY 1874 AT 8 A.M.



Tues - day 8 a.m.

WEATHER REPORT.

Jan'y: 13th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.			
Haparanda ...	28.69	-.51	33	33	+2	*	*	SW	4	6	S	*	S	*
Hernösand ...	28.84	-.67	27	26	-9	*	*	NSW	4	6	S	*	C	*
Stockholm ...	29.10	-.42	30	28	-4	*	*	SW	4	6	SSW	*	ob	*
Wisby ...	29.32	-.44	35	33	-4	*	*	NNN	8	6	SW	*	ve	*
Christiansund ...	29.13	+ .30	36	34	+2	*	*	NSW	9	6	SW	*	os	*
Skudesnaes ...	29.42	+ .14	32	32	-8	*	*	N	8	8	NNN	*	os	*
Oxö (Christiansand)	29.36	+ .04	33	31	-10	*	*	NN	6	?	?	*	-b	*
Skagen (The Skaw)						*	*			*	*	*		*
Fanö ...						*	*					*		*
Cuxhaven ...	29.305	-.50	37	36	+1	41	?	NN	7	6	SW	9	rb	0.11
Sumburgh Head														
Stornoway (Hebrides)	29.732	+ .30	33	31	-1	35	28	NSW	1	7	NN	10	sg	0.10
Thurso ...	29.622	+ .34	36	35	+4	36	29	N	4	9	NNN	9	sp	0.39
Wick ...	29.662	+ .33	32	31	0	32	27	SW	2	8	NN	6	c	0.14
Nairn ...	29.752	+ .29	34	32	-2	36	31	N	1	4	NSW	2	st	0.24
Aberdeen ...	29.772	+ .32	34	32	-6	40	33	SSW	1	6	NNN	4	rem	-
Leith ...	29.862	+ .27	37	36	-2	44	35	N	2	6	NN	8	co	-
Shields ...	29.942	+ .28	39	37	-4	43	36	N	3	6	N	8	br	-
York ...	30.002	+ .26	37	35	-8	47	36	N	1	2	N	4	c	-
Scarborough ...	29.972	+ .27	37	36	-4	44	29	SW	2	3	N	7	c	-
Nottingham ...	30.092	+ .29	34	33	-13	48	34	N	1	4	N	3	cm	-
Ardrossan ...	29.902	+ .23	42	39	-1	45	40	NSW	3	7	NNN	5	gc	0.02
Greencastle ...	29.922	+ .15	39	38	-2	42	38	N	4	6	NNN	10	g	0.03
Donaghadee ...	29.972	+ .20	37	36	-3	42	34	SSE	2	5	N	10	co	-
Kingstown ...	30.072	+ .20	43	40	-2	47	38	SW	1	5	NNN	9	co	-
Holyhead ...	30.042	+ .23	43	40	-3	48	41	SW	2	3	NNN	7	cq	-
Liverpool (Bidston Obs.)	30.042	+ .24	41	39	-2	45	40	NSW	3	5	N	10	o	-
Valencia ...	29.992	+ .02	50	50	+3	50	40	SW	3	3	SW	9	gm	0.02
Roche's Point ...	30.092	+ .18	45	43	-1	43	42	N	1	3	NNN	9	o	-
Pembroke ...	30.132	+ .25	45	41	-4	49	44	N	2	3	NNN	9	co	0.01
Portishead ...	30.112	+ .23	38	37	-9	53	32	N	1	3	NNN	4	co	-
Scilly ...	30.172	+ .17	45	44	-5	51	44	Z	0	5	NNE	7	ofc	0.05
Plymouth ...	30.162	+ .20	41	41	-6	50	40	Z	0	2	N	10	f	-
Portsmouth ...	30.172	+ .21	37	36	-9	48	35	NN	1	4	N	4	mf	0.01
Dover ...	30.142	+ .21	40	37	-5	48	37	N	3	4	NSW	5	og	-
London ...	30.142	+ .24	31	30	-14	50	31	NSW	1	3	N	4	dbe	-
Oxford ...	30.15	+ .26	33	32	-12	50	31	NSW	1	2	NSW	1	cb	-
Cambridge ...	30.112	+ .24	33	32	-9	49	31	SW	1	1	SW	7	gc	-
Yarmouth ...	30.072	+ .23	34	33	-6	45	32	N	2	3	NNN	4	gm	-
Helder ...	29.96	+ .16	43	*	0	*	*	NNN	6	*	*	*	*	*
Cape Gris Nez ...	? 30.122	+ .17	42	38	-4	48	41	NN	1	5	SW	5	me	0.08
Brest ...	30.162	+ .08	46	46	-3	51	44	ENE	3	4	NSW	3	mb	0.16
L'Orient ...	?		50	50	+4	54	46	SW	1	3	N	10	kg	0.08
Rochefort ...	30.262	+ .10	43	39	+5	49	34	SE	4	3	ENE	10	o	-
Biarritz ...	30.252	+ .12	34	32	-10	46	32	E	3	3	NE	5	mf	-
Corunna ...			*	*	*	*	*			*	*	*	*	*
Brussels ...	30.10	+ .10	42	*	+5	*	*	NNN	3	*	*	*	C	*
Charleville ...	? 30.04	-.08	37	*	+12	*	*	S	3	*	*	*	f	*
Paris ...	?		41	?	+5	42	36	SW	1	4	SSW	10	n	0.04
Lyons ...	?		46	*	+2	*	*	NN	3	*	*	*	m	*
Toulon ...	30.082		44	40		53	42	NE	1	3	NN	2	cb	-

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.		
Skudesnaes ...	29.21	35	32	nnn	8	*	7	Valencia ...	30.03	47	45	nnn	2	7	
Thurso ...	29.35	30	31	nnn	8	10	gsp	5	Scilly ...	29.99	51	51	nsn	5	10
Scarborough...	29.75	43	40	n	3	3	6	2	London ...	29.89	49	48	n	3	10
Greencastle ...	29.86	42	38	nnn	6	9	g	*	Rochefort ...	30.16	47	45	E	3	10
Holyhead ...	29.90	45	42	nnn	3	4	c	3							

The recovery of pressure has extended to all but the Sth stations. The wind has increased to 5 at Thurso, accompanied by showers of snow but elsewhere very little change is reported.

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 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; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

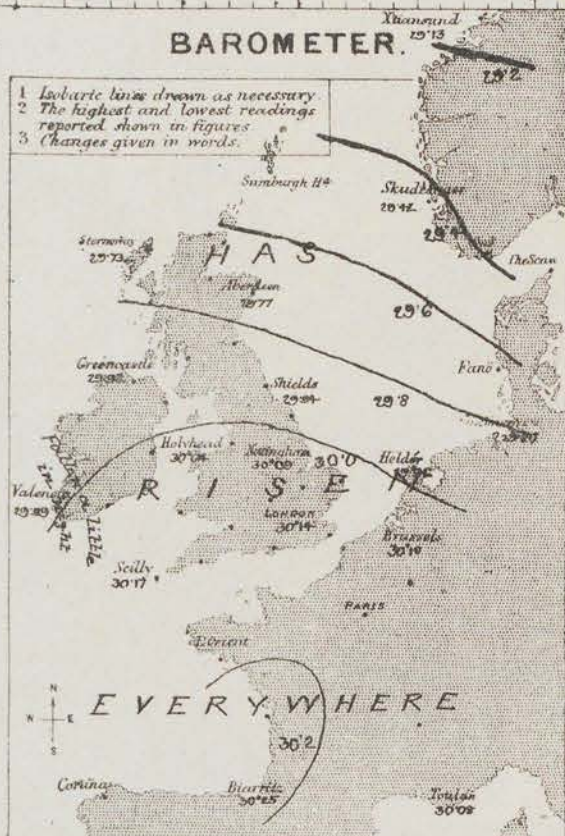
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 13TH JANUARY 1874 AT 8 A.M.

BAROMETER.

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



Wednesday 8 a.m.

WEATHER REPORT. Jan^y 14th 1874.

STATIONS.	BAROMETER.		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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 ...	28.75	+ .06	1	0	- 32	*	*	Z	0	2	SW	*	b	*
Hernösand ...	28.86	+ .02	24	23	- 3	*	*	N	2	0	Z	*	o c	*
Stockholm ...	29.06	- .04	29	27	- 1	*	*	SW	2	8	SSW	*	b	*
Wisby ...	29.18	- .14	35	34	0	*	*	W	6	8	W	*	b c	*
Christiansund ...	29.10	- .03	31	30	- 5	*	*	WSW	7	10	W	*	r c	*
Skudesnaes ...	? 28.85	- .57	35	34	+ 3	*	*	E	4	2	WSW	*	s o	*
Oxö (X'mansund) ...	? 29.16	- .26	33	32	0	*	*	NNW	2	6	NW	*	o f c	*
Skagen (The Skaw) ...	29.26	- .11	36	34	- 7	*	*	NNW	4	*	*	*	c	*
Fanö ...	29.46	- .20	44	41	+ 7	*	*	W	8	*	*	*	c	*
Cuxhaven ...	29.67	- .13	53	52	+ 14	?	35	WSW	7	7	W	7	o	0.02
Sumburgh Head ...	29.43	- .30	39	38	+ 6	44	32	W	3	5	W	5	p c	0.20
Stornoway (Hebrides) ...	29.32	- .30	41	39	+ 5	42	32	W	5	7	W	7	etc	0.36
Thurso ...	29.35	- .31	38	37	+ 6	39	30	W	5	6	W	6	p q	0.19
Wick ...	29.45	- .30	40	39	+ 6	45	34	W	3	5	W	2	r b	0.29
Nairn ...	29.49	- .26	40	37	+ 6	47	33	WSW	1	4	W	0	ab	-
Aberdeen ...	29.61	- .25	44	43	+ 7	49	37	W	5	7	W	7	c	-
Leith ...	29.64	- .30	45	43	+ 6	47	36	WNW	8	8	W	2	b q	-
Shields ...	29.77	- .23	45	43	+ 8	49	36	W	2	4	W	4	c	-
Scarborough ...	29.74	- .23	42	39	+ 5	46	37	WSW	3	5	WSW	4	c	0.03
Nottingham ...	29.90	- .19	41	41	+ 7	47	40	SSW	2	4	S	3	cm	-
Ardrossan ...	29.58	- .32	49	44	+ 7	51	42	WSW	4	7	SW	8	r q o	0.13
Greencastle ...	29.74	- .22	46	44	+ 7	48	38	W	4	6	SW	10	g	0.01
Donaghadee ...	29.78	- .19	44	43	+ 7	49	36	SSW	3	6	SSW	10	o	-
Kingstown ...	29.91	- .16	47	45	+ 4	51	41	SSW	3	5	W	7	o c	-
Holyhead ...	29.87	- .17	47	46	+ 4	50	42	SW	2	5	SW	6	b c	-
Liverpool (Bidston Obs.) ...	29.90	- .14	47	42	+ 6	49	40	WSW	2	5	WSW	6	o c	-
Valencia ...	29.98	- .01	50	50	0	52	48	WSW	3	3	WSW	9	g	0.12
Roche's Point ...	29.95	- .14	49	49	+ 4	52	45	WSW	2	3	WSW	10	o m	0.03
Pembroke ...	29.99	- .14	48	48	+ 3	49	44	WSW	4	6	SW	10	o f	0.03
Portishead ...	30.00	- .11	47	47	+ 9	50	35	WSW	5	4	WSW	8	c q	-
Scilly ...	30.09	- .08	49	48	+ 4	50	44	WSW	4	4	WSW	8	c f o	0.03
Plymouth ...	30.06	- .10	48	48	+ 7	49	41	W	3	3	W	10	g f	0.01
Portsmouth ...	29.98	- .16	47	46	+ 7	47	38	WSW	4	3	WSW	7	b c	-
Dover ...	29.99	- .15	50	47	+ 19	50	31	WSW	4	4	W	10	f b o	-
London ...	29.99	- .16	47	45	+ 14	48	33	WSW	5	6	WSW	10	o	-
Oxford ...	29.94	- .17	45	44	+ 12	45	30	WSW	2	2	SW	2	e b	-
Cambridge ...	29.90	- .17	44	43	+ 10	45	33	W	4	6	WSW	5	b w	-
Yarmouth ...	29.80	- .16	45	*	+ 2	*	*	WSW	6	*	*	*	*	*
Helder ...	30.02	- .11	47	45	+ 5	?	41	WSW	7	5	WSW	10	o m	-
Cape Gris Nez ...	30.19	+ .03	48	46	+ 2	52	44	WSW	3	3	WSW	10	o	-
Brest ...	? 198	?	46	46	+ 4	56	45	SE	1	3	SW	10	g	0.04
L'Orient ...	30.27	+ .01	43	41	0	48	41	ESE	3	4	SW	10	o	-
Roche fort ...	30.21	- .04	36	34	+ 2	45	34	SE	4	4	?	0	g	-
Biarritz ...			*	*	*	*	*	*	*	*	*	*	*	*
Corunna ...	30.02	- .08	46	*	+ 4	*	*	?	?	*	*	*	o	*
Brussels ...	30.23	+ .19	43	*	+ 6	*	*	SSW	3	*	*	*	g	*
Charleville ...	30.17	?	46	?	+ 5	47	41	SW	4	4	SW	10	g	-
Paris ...		?	45	*	- 1	*	*	WNW	3	*	*	*	o	*
Lyons ...														
Toulon ...														

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

Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	C.
Skudesnaes ...				*			Valencia ...	30.09	51	51	W 2 9
Thurso ...	29.40	33	33	S 2	10	8 3	Scilly ...	30.17	49	47	WSW 4 7
Scarborough ...	29.85	41	39	WSW 5	8	0 4	London ...	30.10	43	39	WSW 4 4
Greencastle ...	29.78	46	46	SW 6	10	9	Roche fort ...	30.29	46	42	SW 4 10
Holyhead ...	29.97	47	45	SW 5	7	m 3					

The barometer has begun to fall fast again in the N. of our Islands, while it has risen at ... and the wind is increasing from S.W. on our NW coasts, with a rather rough sea. The weather unsettled. Warnings have been issued to our W.N., N.E. coasts.

EXPLANATION OF COLUMNS.

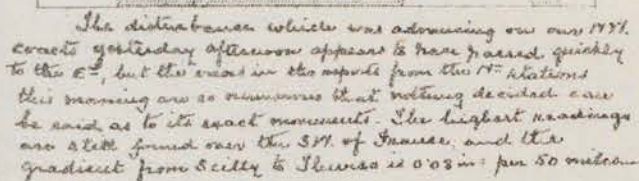
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; m. misty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

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is taken at 8 p.m.

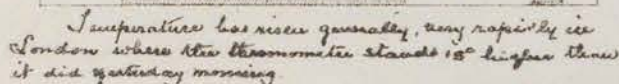
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

AND REMARKS FOR

BAROMETER.



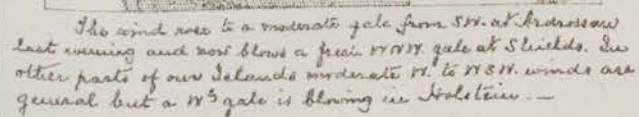
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



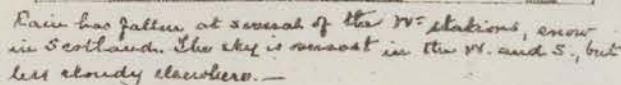
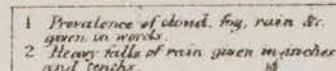
1. Arrows fly with the wind
Force 0 to 1 - \odot Force 8 to 10 - \rightarrow
2, 4 - \rightarrow above 10 - \rightarrow
3, 7 - \rightarrow

2. Dark curved arrow shows apparent general motion of air

3. Sea disturbance in words



CLOUD, RAIN &c.



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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd., London, W.

Thurs. day 8 a.m.

WEATHER REPORT.

Jan. 15th 1874.

STATIONS	BAROMETER		THERMOMETERS (In shade)					WIND.				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 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.	Direc.	Force	Force	Direc.			
									(0 to 12.)	(0 to 12.)				
Haparanda ...	29.43	+ .68	-5	-5	-6	*	*	N	1	2	N	*	b	*
Hernösand ...	29.47	+ .63	17	17	-7	*	*	Z	0	0	Z	*	b	*
Stockholm ...	29.61	+ .55	22	21	-7	*	*	NSN	4	2	N	*	b	*
Wisby ...	29.68	+ .50	33	30	-2	*	*	N	4	6	NN	*	b	*
Christiansund ...						*	*					*		*
Skudesnaes ...						*	*					*		*
Oxö (X'land) ...						*	*					*		*
Skagen (The Skaw) ...	29.74	+ .48	38	36	+2	*	*	NNN	4	*	*	*	o	*
Fanö ...	29.86	+ .41	41	41	-3	*	*	SN	4	*	*	*	o	*
Cuxhaven ...	29.93	+ .26	42	42	-11	?	38	NSN	3	7	N	9	of	-
Sumburgh Head ...														
Stornoway (Hebrides) ...	29.26 f	- .17	39	38	0	52	37	N	1	? 3	N	10	pd	0.04
Thurso ...	29.26 f	- .06	40	39	-1	41	35	SSN	1	5	N	10	SEN	0.61
Wick ...	29.27 f	- .08	42	42	+4	42	35	S	3	4	N	10	o	0.11
Nairn ...	29.28 f	- .17	43	42	+3	44	38	NN	1	2	N	3	db	0.10
Aberdeen ...	29.37 f	- .12	45	44	+5	45	36	SSN	3	3	SSN	9	lw	0.04
Leith ...	29.43 f	- .14	51	51	+7	53	42	N	4	3	N	9	o	0.05
Shields ...	29.60 f	- .04	49	47	+4	49	43	SN	4	8	NNN	9	ow	0.01
York ...	29.75 f	- .02	49	47	+4	50	43	N	1	3	N	5	a	-
Scarborough ...	29.69 f	- .05	46	44	+4	47	41	SN	4	3	NSN	9	ao	-
Nottingham ...	?		49	47	+8	52	40	SSN	5	6	S	10	ow	-
Ardrossan ...	* 29.49 f	- .19	49	48	0	50	44	SN	5	5	SN	9	cd	0.28
Greencastle ...	29.47 f	- .27	48	47	+2	48	43	NSN	5	5	NSN	10	ow	0.13
Donaghadee ...	29.54 f	- .24	49	48	+5	50	43	S	6	6	S	7	oo	0.01
Kingstown ...	29.66 f	- .25	51	48	+4	53	46	SN	5	3	N	7	oo	-
Holyhead ...	29.69 f	- .18	50	49	+3	51	46	SN	4	4	SN	10	d	0.03
Liverpool (Bidston Obs.) ...	29.73 f	- .17	50	48	+3	51	44	SSN	4	4	SSN	? 6	o	-
Valencia ...	29.66 f	- .22	50	50	0	53	48	SN	4	3	SN	8	mg	0.13
Roche's Point ...	29.73 f	- .22	49	49	0	52	46	NSN	4	4	NSN	9	ow	0.08
Pembroke ...	29.82 f	- .17	49	49	+1	50	47	SSN	6	6	SSN	10	f	0.06
Portishead ...	29.97 f	- .03	47	47	0	50	44	NSN	3	4	N	8	cg	0.04
Scilly ...	29.92 f	- .17	50	50	+1	51	48	SSN	5	5	SSN	9	cf	0.07
Plymouth ...	29.95 f	- .11	49	49	+1	52	46	SN	2	3	NSN	10	gd	0.04
Portsmouth ...	29.99 f		48	47		50	45	SN	4	4	SN	8	ao	0.04
Dover ...	30.00 f	+ .02	47	46	0	50	45	SSN	5	4	NSN	7	o	-
London ...	29.95 f	- .04	49	47	-1	52	47	SN	4	4	NSN	10	o	*
Oxford ...	29.93	- .06	48	46	+1	50	46	SN	3	3	NSN	10	co	0.01
Cambridge ...	29.92 f	- .02	46	46	+1	50	43	SN	1	2	SN	10	o	-
Yarmouth ...	29.92 f	+ .03	45	45	+1	49	42	SSN	3	4	N	5	mo	-
Helder ...	29.94	+ .14	45	*	0	*	*	SN	6	*	*	*	*	*
Cape Gris Nez ...	30.03 f	+ .01	46	44	-1	47	45	SN	5	7	NSN	?	mo	0.08
Brest ...	30.05 f	- .14	49	47	+1	51	46	SN	4	4	SN	10	N	0.04
L'Orient ...	?		46	46	0	56	45	S	3	4	SN	9	o	-
Rocheport ...	30.18 f	- .09	?	?		57	?	S	4	4	SE	10	bf	-
Biarritz ...	30.16 f	- .05	48	46	+12	52	36	S	3	3	SE	0	f	-
Corunna ...				*		*	*				*	*	*	*
Brussels ...	30.06	+ .04	48	*	+2	*	*	NSN	3	*	*	*	o	*
Charleville ...	? 30.28	+ .05	42	*	-1	*	*	? SN	6	*	*	*	f	*
Paris ...	30.18 f	+ .01	42	?	-4	50	42	SSE	4	4	S	10	o	-
Lyons ...	?		40	*	-5	*	*	NE	2	*	*	*	o	*
Toulon ...	30.29 f		44	42		51	44	Z	0	1	N	1	b	-

* Anderson reading yesterday one tenth too low

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.39	35	34	Z	0	*	o	3	Valencia ...	29.94	51	51	NSN	3	7
Thurso ...	29.45	39	39	NSN	2	7	tsu	3	Scilly ...	30.07	51	50	NSN	5	6
Scarborough...	29.77	47	45	NSN	3	8	o	2	London ...	29.99	50	48	N	3	10
Greencastle ...	29.76	47	44	N	4	4	c	*	Rocheport ...	30.27	55	50	SE	1	0
Holyhead ...	29.89	48	47	SN	2	5	m	1							

The barometer is rising at the N. stations but falling slowly in the S. and SN. Light N or N. winds are general in our islands, with less or more rain and thunder in the extreme N. and an overcast sky in the S. In the N. the weather is fair. - Drizzle lowered today.

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 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. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind. *AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

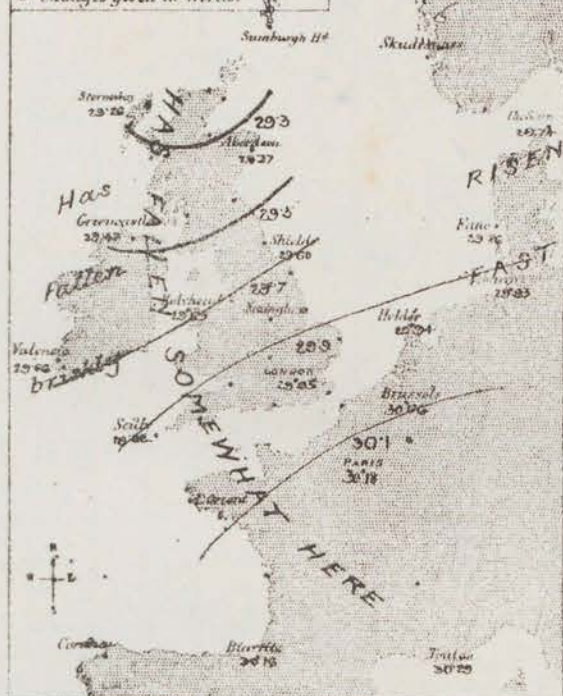
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 15TH JANUARY 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 night barometrical pressure, which had been increasing in the north and west all day, has given way quickly in those regions, and to a less extent on our other coasts and in France, while in Denmark a rather rapid recovery has taken place. It thus happens that the lowest readings are again reported from our extreme north and north-west coasts, while the highest are in the E. and S. of France, the greatest from Brest to Stornoway being 0.07 in per 50 m.

TEMPERATURE.

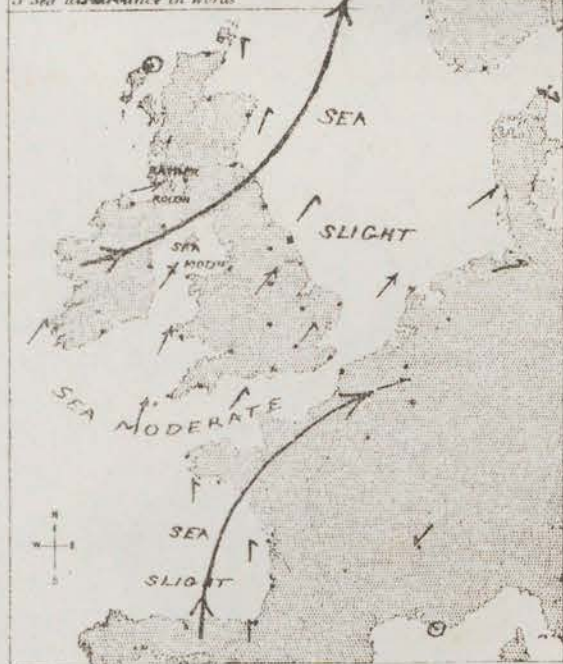
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen a few degrees in the north of our Islands, and is high generally.

WIND & SEA.

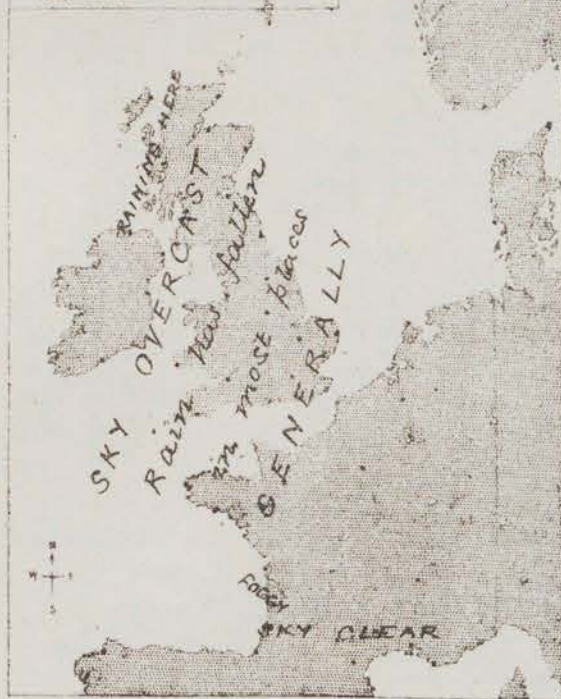
- 1 Arrows R. with the wind Force 0 to 1 - - - Force 8 to 10 - - - Force 10 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Fresh S.W. winds are general in our Islands and over the North Sea, and moderate S. breezes in the Bay of Biscay. The sea is moderate generally.

CLOUD, RAIN & C.

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



Shaves of snow fell at Thurso yesterday, accompanied by thunder. Some rain has fallen very generally. The sky is overcast or very cloudy, and rain still falls in the north-west.

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

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Fri day 8 a.m.

WEATHER REPORT.

Sun. 16th 1874.

STATIONS.	BAROMETER.		THERMOMETERS (in shade).					WIND.				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 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.		Extremo.				
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.			
Haparanda ...	29.54	+11	18	17	+23	*	*	N	2	2	SE	*	o	*
Hernösand ...	29.42	+01	22	22	+5	*	*	S	2	0	Z	*	oc	*
Stockholm ...	29.54	-07	37	37	+15	*	*	SSW	2	1	SSW	*	o	*
Wisby ...	29.76	+08	41	40	+8	*	*	SW	4	2	SW	*	bn	*
Christiansund ...	29.25		39	36		*	*	E N E	6	4	SSW	*	no	*
Skudesnaes ...	29.37		44	44		*	*	S	6	6	S	*	no	*
Oxö (X'iansand)	29.48		43	43		*	*	SW	6	6	SSW	*	h	*
Skagen (The Skaw)	29.61	-13	44	43	+6	*	*	NSW	6	*	*	*	o	*
Fanö ...	29.73	-13	41	41	0	*	*	SSW	6	*	*	*	o	*
Cuxhaven ...	29.83 f	-10	40	39	-2	45	?	SW	3	5	NSW	7	no	-
Sumburgh Head														
Stornoway (Hebrides)	29.11 f	-15	36	34	-3	41	34	NSW	1	1	N	10	o	0.04
Thurso ...	29.06 f	-20	39	38	-1	42	38	SW	1	2	NN	8	o	0.10
Wick ...	29.13 f	-14	38	37	-4	44	37	N	2	3	NN	10	o	0.20
Nairn ...	29.14 f	-14	39	38	-4	51	38	N	1	1	NN	8	no	0.27
Aberdeen ...	29.14 f	-23	43	42	-2	53	42	NN	2	3	SSW	10	cn	0.13
Leith ...	29.19 f	-24	38	38	-13	53	37	N	3	3	N	10	cn	0.16
Shields ...	29.26 f	-34	45	44	-4	51	45	SSW	3	7	SW	8	co	-
York ...	29.36 f	-39	46	45	-3	53	44	S	2	2	SW	10	co	-
Scarborough ...	29.36 f	-33	44	43	-2	50	44	SSW	4	5	SW	3	ob	-
Nottingham ...	29.46 f		48	46	-1	52	46	S	5	7	S	9	bu	-
Ardrossan ...	29.20 f	-29	39	38	-10	50	39	SW	2	6	SW	9	adm	0.78
Greencastle ...	29.26 f	-21	40	39	-8	48	39	NN	1	5	NSW	10	ng	0.66
Donaghadee ...	29.19 f	-35	38	38	-11	49	38	NNN	3	6	S	10	cd	0.44
Kingstown ...	29.27 f	-39	38	37	-13	54	36	NNN	5	5	SW	10	cn	0.45
Holyhead ...	29.19 f	-50	43	42	-7	51	43	NNN	5	7	NNN	10	n	0.20
Liverpool (Bidston Obs.)	29.29 f	-44	47	45	-3	53	46	SE	3	6	SW	9	o	-
Valencia ...	29.40 f	-26	42	40	-8	52	39	N	4	5	SSW	7	no	0.45
Roche's Point ...	29.34 f	-39	40	39	-9	51	39	NNN	4	8	SW	9	mno	0.40
Pembroke ...	29.25 f	-57	49	48	0	50	47	NSW	6	7	SSW	10	pgo	0.20
Portishead ...	29.40 f	-57	49	49	+2	54	45	SW	7	7	SW	10	aug	0.07
Scilly ...	29.35 f	-57	45	45	-5	51	44	NNN	6	6	SSW	9	po	0.18
Plymouth ...	29.39 f	-56	50	50	+1	52	48	S	6	8	S	10	ov	0.22
Portsmouth ...	29.56 f	-43	47	46	-1	50	45	SW	6	6	SW	7	sp	-
Dover ...	29.68 f	-32	44	43	-3	48	42	S	5	5	SW	4	ow	-
London ...	29.58 f	-37	48	45	-1	52	45	SSW	6	7	S	9	sq	-
Oxford ...	29.51	-42	48	46	0	51	44	S	5	6	SW	10	om	0.01
Cambridge ...	29.53 f	-39	45	44	-1	52	44	S	2	3	SSW	10	ow	-
Yarmouth ...	29.64 f	-29	44	43	-1	49	42	S	5	5	SSW	6	c	-
Helder ...	29.75	-19	41	*	-4	*	*	S	6	*	*	*	*	*
Cape Gris Nez ...	29.69 f	-34	41	39	-5	47	39	?SSW	5	5	NSW	2	ob	-
Brest ...	29.57 f	-48	52	52	+3	?	47	S	7	7	S	10	o	0.04
L'Orient ...	?		50	48	+4	53	45	SSW	5	5	SSW	9	o	-
Rochefort ...	29.87 f	-31	42	40		54	32	SEE	5	5	SE	0	t	-
Biarritz ...	29.78 f	-38	52	50	+4	54	46	S	5	5	S	2	bc	-
Corunna ...	29.73	-39	50	*	+7	*	*	SW	6	*	*	*	on	*
Brussels ...	29.79	-27	39	*	-9	*	*	NSW	3	*	*	*	f	*
Charleville ...	? 29.84	-44	38	*	-4	*	*	SE	6	*	*	*	c	*
Paris ...	29.84 f	-24	38	?	-4	45	34	SEE	4	5	S	5	oc	-
Lyons ...	?		48	*	+2	*	*	N	1	*	*	*	o	*
Toulon ...	30.10 f	-19	48	48	+4	53	47	SE	7	1	SE	10	on	0.12

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.42	42	42	S	6	*	N	7	Valencia ...	29.53	51	51	SSW	5	9
Thurso ...	29.29	42	41	NN	2	8	o	2	Scilly ...	29.80	50	50	SSW	6	7
Scarborough...	29.65	50	49	SW	5	9	o	4	London ...	29.89	51	49	SW	5	10
Greencastle ...	29.41	48	47	SW	4	10	N	*	Rochefort ...	30.10	48	44	SE	5	0
Holyhead ...	29.64	50	49	SW	5	10	w	3							

Pressure has begun to decrease more quickly in the SW, while it has risen slightly at Thurso. The wind has backed SSW at the SW stations and is freshening, with a rising sea.

Warnings issued to the N. & S. 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 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; i. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

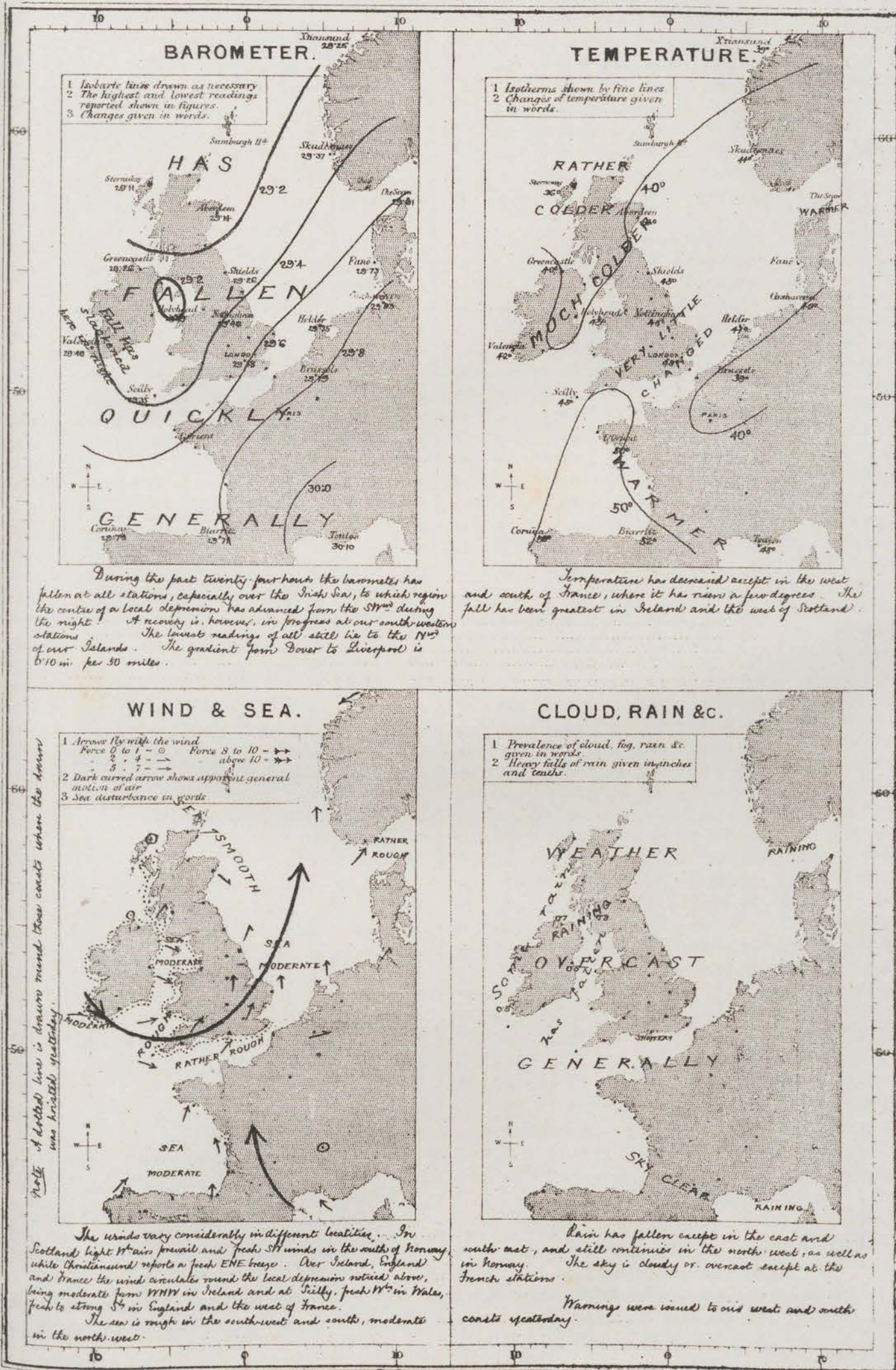
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

WEATHER CHARTS

AND REMARKS FOR

FRIDAY 16TH JANUARY 1874 AT 8 A.M.



Subscriptions for these Charts payable in advance to cover ordinary delivery by hand 10/- per quarter both post & per quarter.

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

Vincent Brooks Day & Son Lith. London W.C.

Saturday 8 a.m.

WEATHER REPORT.

Jan. 17th 1874.

STATIONS.	BAROMETER		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 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.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.			
Haparanda ...	29.65	+11	20	20	+2	*	*	NE	4	2	NE	*	o	*
Hernösand ...	29.40	-08	35	35	+13	*	*	S	4	2	S	*	o	*
Stockholm ...	29.54	-00	37	36	0	*	*	SSW	4	4	SSW	*	o	*
Wisby ...	29.71	-05	37	37	-4	*	*	SW	2	2	SW	*	o	*
Christiansund ...	28.97	-28	38	37	-1	*	*	SW	2	4	ESE	*	o	*
Skudesnaes ...	29.17	-20	39	36	-5	*	*	N	2	2	SSE	*	o	*
Oxö (Xtiansand)	29.16	-32	41	41	-2	*	*	SW	6	8	SSW	*	o	*
Skagen (The Skaw)	29.31	-30	41	40	-3	*	*	SSW	10	*	*	*	o	*
Fanö ...	29.39	-34	41	41	0	*	*	SW	6	*	*	*	o	*
Cuxhaven ...	29.48 f	-35	42	42	+2	?	37	NSW	3	5	SSW	?	o	-
Sumburgh Head														
Stornoway (Hs-bridges)	29.21 n	+10	32	31	-4	36	29	NNW	1	2	NNW	6	s	0.20
Thurso ...	29.10 n	+04	33	33	-6	40	31	NSW	2	2	NSW	7	ops	0.03
Wick ...	29.15 n	+02	32	31	-6	39	31	N	1	1	NN	4	c	-
Nairn ...	29.20 n	+06	33	31	-6	44	32	N	1	1	N	8	ow	0.01
Aberdeen ...	29.19 n	+05	33	31	-10	44	32	N	1	2	NN	2	abm	0.30
Leith ...	29.28 n	+09	34	33	-4	41	32	N	3	3	N	3	ab	0.34
Shields ...	29.32 n	+06	35	34	-10	49	35	N	2	5	S	10	aso	0.17
York ...	29.40 n	+04	33	32	-13	50	33	SW	1	3	S	3	gst	0.08
Scarborough ...	29.40 n	+04	33	32	-11	48	32	NSW	2	7	S	3	ob	0.04
Nottingham ...	29.47 n	+01	33	32	-15	51	33	SW	1	6	S	2	am	0.09
Ardrossan ...	29.32 n	+12	35	34	-4	43	34	NNW	2	3	NNW	7	c	0.19
Greencastle ...	29.41 n	+15	34	33	-6	42	34	N	2	5	N	10	s	0.37
Donaghadee ...	29.39 n	+20	34	33	-4	39	32	NNW	5	5	NNW	7	oc	0.02
Kingstown ...	29.52 n	+25	35	33	-3	42	34	N	5	5	NNW	2	mb	0.06
Holyhead ...	29.46 n	+27	39	36	-4	45	37	N	6	7	N	2	b	0.43
Liverpool (Bidston Obs.)	29.44 n	+15	36	35	-11	49	34	N	5	5	N	10	ob	0.46
Valencia ...	29.70 n	+20	44	42	+2	44	35	NNW	5	6	NNW	?	ph	0.16
Roche's Point ...	29.67 n	+33	36	34	-4	43	34	NNW	3	4	N	6	fec	0.03
Pembroke ...	29.59 n	+34	40	36	-9	49	37	NN	5	7	NNW	4	gc	0.31
Portishead ...	29.52 n	+12	35	34	-14	51	32	NNW	3	7	S	6	ghc	0.52
Seilly ...	29.69 n	+34	43	40	-2	46	39	NNW	6	7	NNW	6	bg	0.16
Plymouth ...	29.62 n	+23	38	36	-12	52	36	NNW	2	8	NSW	3	gf	0.25
Portsmouth ...	29.60 n	+04	38	36	-9	49	36	NN	2	7	SW	1	ob	0.07
Dover ...	29.53 n	-15	39	38	-5	48	36	N	3	7	SSW	10	on	0.08
London ...	29.53 n	-05	37	35	-11	52	35	NSW	3	7	SSW	9	qto	0.05
Oxford ...	29.54	+03	34	33	-14	49	33	NSW	2	6	S	10	pm	0.21
Cambridge ...	29.51 n	-02	34	33	-11	49	31	SW	1	4	NSW	7	ec	0.08
Yarmouth ...	29.51 n	-13	35	34	-9	47	33	SW	3	6	S	7	ngc	0.09
Helder ...	29.49	-26	41	*	0	*	*	SW	5	*	*	*	*	*
Cape Gris Nez ...	29.57 n	-12	39	37	-2	49	37	N	5	7	SSW	10	ob	0.20
Brest ...	29.75 n	+18	43	43	-9	53	37	NN	4	8	SW	8	no	0.71
L'Orient ...	?		42	39	-3	55	40	NNW	7	7	SW	6	n	0.12
Rocheft ...	29.90 n	+03	43	41	+1	52	37	NNW	5	7	N	10	bo	0.12
Biarritz ...	29.98 n	+20	50	48	-2	57	45	N	8	8	NSW	9	n	0.16
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.79	-00	41	*	+2	*	*	NSW	3	*	*	*	no	*
Charleville ...	29.71	-13	40	*	+2	*	*	SW	3	*	*	*	o	*
Paris ...	29.72 n	-12	39	?	+1	51	38	S	4	5	S	9	co	-
Lyons ...	?		48	*	0	*	*	S	3	*	*	*	n	*
Toulon ...	29.89 f	-21	46	46	-2	49	45	NE	5	8	SE	9	no	0.48

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.28	44	43	SSW	6	*	N	6	Valencia ...	29.40	42	40	NNW	3	5
Thurso ...	29.02	39	38	NSW	1	10	o	2	Scilly ...	29.46	43	41	NNW	6	8
Scarborough...	29.15	47	46	S	7	8	o	5	London ...	29.38	50	47	S	5	9
Greencastle ...	29.19	40	39	SW	4	9	o	*	Rocheft ...	29.73	52	47	SSE	5	0
Holyhead ...	29.22	40	38	NN	4	7	ac	4							

The local depression is travelling away to the NE so that the barometer has fallen fast on our NE coast while it has risen at Seilly, and the wind has shifted to NW at Shields. The weather, however appears to be still very unsettled and the wind has backed to SW at Greencastle.

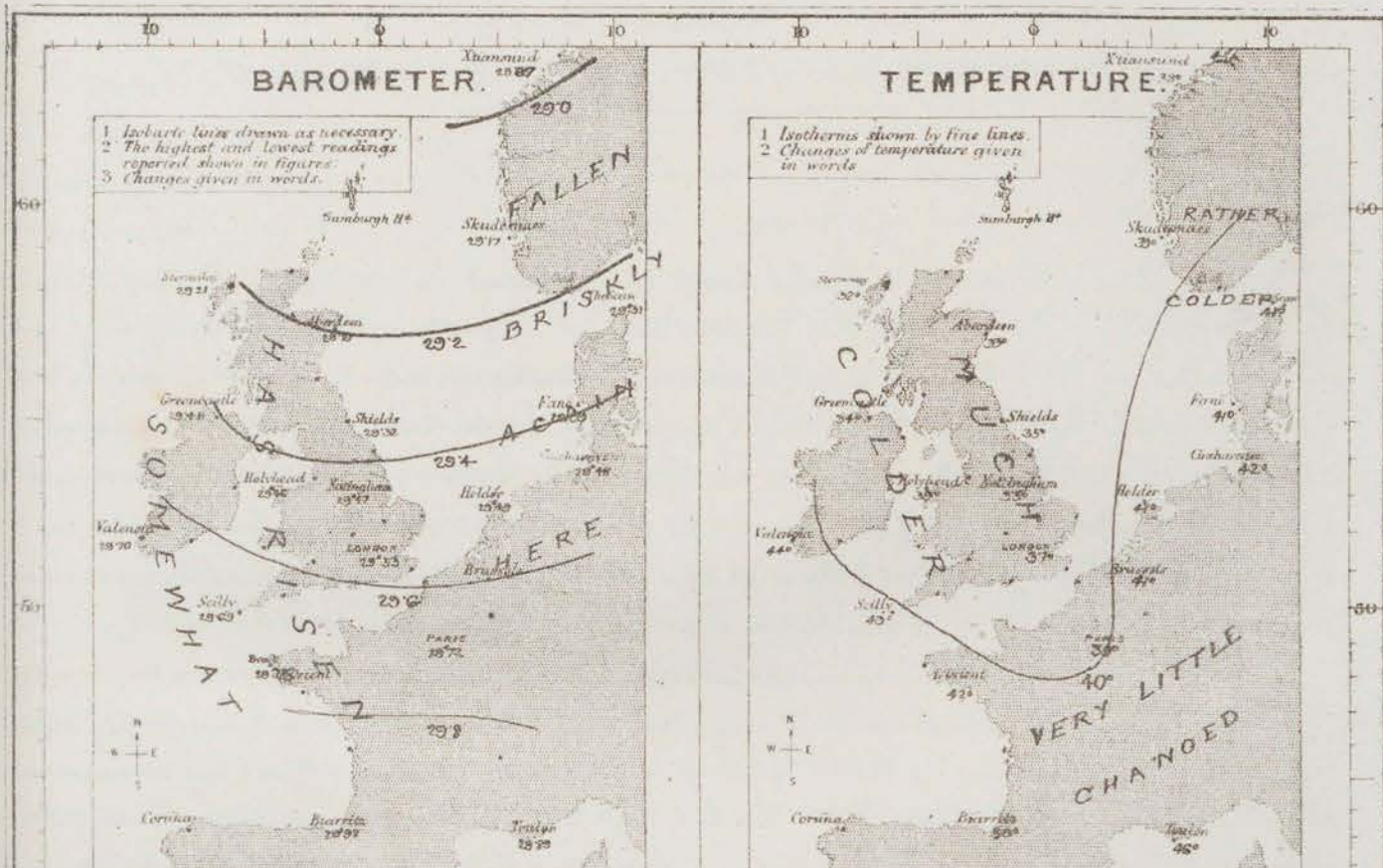
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BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strong wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds;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

WEATHER CHARTS

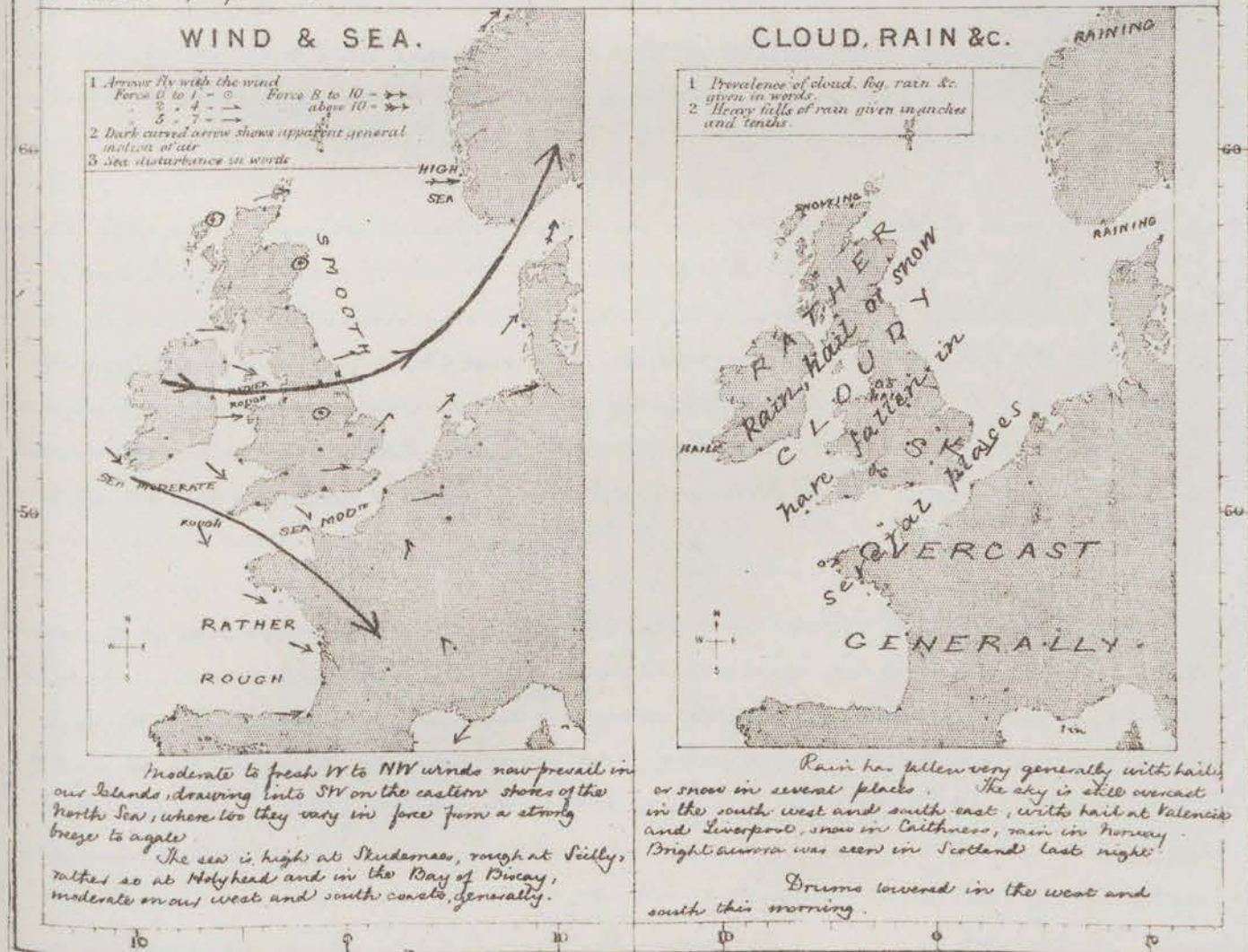
AND REMARKS FOR

SATURDAY 17TH JANUARY 1874 AT 8 A.M.



The depression noticed over the Irish Sea yesterday morning has travelled E¹⁰, and, so far as can be judged at present appear to have become merged in the more general depression over the northern regions. The barometer has consequently fallen briskly on the eastern shore of the North Sea, while in the British Islands and France a recovery has taken place. The lowest readings are still found in the extreme north, and the gradient from Valencia to Shetland is 0.07 in. per 50 miles.

Temperatures have fallen several degrees in our Islands, Norway, and the west of France, but show no change in the north of Germany.



Moderate to fresh W to NW winds now prevail in our Islands, drawing into SW on the eastern shores of the North Sea, where too they vary in force from a strong breeze to gale.

The sea is high at Skudsmoer, rough at Scilly, rather so at Holyhead and in the Bay of Biscay, moderate on our west and south coasts, generally.

Rain has fallen very generally with hail or snow in several places. The sky is still overcast in the south west and south east, with hail at Valencia and Liverpool, snow in Caithness, rain in Norway. Bright aurora was seen in Scotland last night.

Drums lowered in the west and south this morning.

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book post 5 per quarter

Meteorological Office
116, Victoria Strth, Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd, London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 11TH to JANUARY 17TH 1874

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

During the week several large depressions have passed over NW Europe, the track of their centres lying considerably to the N^W of the Scotch coasts, while over France and the Bay of Biscay high readings have prevailed. On the 16th an additional disturbance was observed, its centre lying, at 8 a.m. over the Irish Sea and subsequently travelling to the ENE^W and disappearing. Under these circumstances we have had an alternation of SW^{ly} and NW^{ly} winds. On one day the weather has been fine and bright the next dull squally and wet. A considerable amount of snow rain & hail fell on the 15th & 16th. Aurora has been seen in Scotland and thunderstorms occurred at some of the N^W stations. At the close of the week a new disturbance was advancing on our NW coasts and the wind was backing to SW.

JAN: 11TH — The shallow depression shown over St. Georges Channel at 8 a.m. on the 10th had disappeared, while the new area of high pressure which appeared off the SW of Ireland in the afternoon advanced E^W and became merged in that previously existing in the S^W regions. Whilst this had taken place in the S. a new depression travelled E^W from the Atlantic towards our most N^W stations, causing a rapid fall of the mercury in Scotland which subsequently extended to Norway & Denmark. Under these circumstances the W^{ly} winds in the N. backed to SW and freshened considerably while S. to SE. winds set in on the N. coast of Norway. Calms prevailed at all our S^W stations, light E^{ly} breezes in the Channel and Bay of Biscay. Temperature rose in Ireland and Scotland — especially the latter — but fell fast in the S. of England, as well as (to a less extent) over the North Sea and France. Rather cloudy weather, followed by hail or snow, prevailed in the N^W half of the Kingdom and dense damp fogs at the S^W stations. As the day wore on the barometrical fall spread over the whole of the British Isles, accompanied by W^{ly} winds and some rain, the fog meanwhile clearing off.

JAN: 12TH — The centre of the advancing depression was, at 8 a.m., very near the Norwegian coast, where the mercury had fallen rapidly and strong SW winds or gales had set in. On our NW coasts a recovery had set in during the night, and, while strong NW^{ly} breezes were blowing in those regions moderate W^{ly} winds were felt in England, drawing into SW and increasing over the North Sea. In France the wind was very variable and light. Temperature rose fast in the S. and SE. fell equally quickly at our extreme N^W stations and changed irregularly between these extreme regions. Snow continued to fall in the N. and a little rain at several of the N^W stations the sky being cloudy generally. Between Noon and 4 p.m. the wind rose to a strong gale from NW in the N. of Scotland.

JAN: 13TH — The depression recently noticed had continued its journey NE^W and at 8 a.m. its centre lay over the N. of Scandinavia. The barometer had again risen at all stations in our neighbourhood, most in the N. and NE. of St. Britain, but all along our N^W shores the recovery had been suddenly checked during the night. At Valentia indeed, a slight fall had occurred since 6 p.m. and even at Skomaway the mercury had begun to fall after 7 a.m. — N. to NW gales were still blowing on the E^W shores of the North Sea, while in our Islands light NW^{ly} breezes backing to SW on our N^W coasts, were experienced. Temperature had fallen, except at the French stations, rapidly in the centre and S. of England. The sky was cloudy especially on our N. and NW coasts with snow in the N. of Norway. During the morning the mercury fell with extreme rapidity at Skomaway — as much as 0.12 ins. between 11^h 30^m and 5.30^m p.m. the change extending in a less degree to our N^W coasts.

generally. Later in the day the wind increased somewhat in the N. with showers of snow in some places, thunder at Thurso. —

Jan. 14th The disturbance noticed yesterday had passed quickly over us, causing a marked fall of the barometer in the E and N., from which however, a recovery was already in progress in the extreme NW. The position of the area of lowest pressure at 8 am cannot be precisely determined at present owing to the faulty character of the observations received on this day from the S. of Norway. The W² wind had attained the force of a moderate gale in the North of England and at Thurso on the previous night, and still blew hard from NW at Shields while at our other stations fresh to moderate N or N² breezes were felt. In Denmark the gale reported on the 13th still held but had backed to N. Temperature rose generally — rapidly in the SE. of England. The sky became moderately clear in the E and N. but remained overcast in the W. and S. and during the day showery weather reigned in many places, with thunder again at Thurso.

Jan. 15th — The centre of a new depression with very uniform gradients on its S. side, had advanced over our N² and NW stations from the N² during the night, causing a fall of about 0.3 in. in the barometer at the Irish stations but a less marked change elsewhere. The highest readings lay over the S. of France. The wind backed to SW very generally and freshened; temperature rose in the E. & N. of England; and cloudy damp weather was general. During the day a slight recovery occurred in Scotland, but conditions became more complicated towards night, owing to the advance over us of an additional (local) disturbance whose centre lay considerably to the S² of that of the primary disturbance. —

Jan. 16th Barometrical readings varied from about 30.1 in. in the S. of France to 29.1 in Caithness and the centre of the local disturbance lay over the Irish Sea. In Scotland the wind fell very light from W; and while fresh NW² breezes were blowing in Ireland and N² winds in Wales a strong squally S² current swept over the Bay of Biscay, England and the North Sea and a fresh ENE wind was reported at Heligoland. Temperature fell in the W and N. — rapidly at Ardrossan, Leith, and in Ireland, but rose in the W. of France and at the Scaw. Dull weather was everywhere prevalent, with rain in the NW; and during the day wet squally weather was general, with snow or hail at many stations. Aurora was seen in Scotland.

Jan. 17th The local depression noticed over the Irish Sea after crossing England in a NE² direction had apparently become merged in the more general depression which lay to the N², and a brisk recovery of pressure had consequently set in over our Islands, especially in the W. As however this larger disturbance had also moved E² the mercury fell considerably on the E. shores of the North Sea. The wind became generally fresh from NW. on our W. coasts and over the Bay of Biscay, but drew round into W. in the E. of St. Britain while strong SW breezes or gales were felt in Denmark and Norway. Temperature fell considerably over the United Kingdom. Showers of hail or rain continued to fall in the W. but at the more E. stations the sky became clearer. Towards night a new and sudden fall of the mercury commenced in the NW, accompanied by a return of wind to SW. with very unsettled weather. Aurora was again seen in the North. —

Sun - day 8 a.m.

WEATHER REPORT.

Jan'y 18th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Direction and 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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.38	-.27	33	33	+13	*	*	SW	6	8	SE	*	o/c	*	
Hernösand ...	29.43	+ .03	34	33	-1	*	*	SSW	2	4	SW	*	o/c	*	
Stockholm ...	29.64	+ .10	34	32	-3	*	*	WSW	4	4	S	*	o/c	*	
Wisby ...	29.80	+ .09	39	38	+2	*	*	N	2	2	S	*	o/c	*	
Christiansund ...	29.19	+ .22	37	33	-1	*	*	S	4	4	SSW	*	b/c	*	
Skudesnaes ...	29.47	+ .30	41	37	+2	*	*	S	6	4	N	*	b/c	*	
Oxö (X'tiansand)	29.57	+ .41	37	35	-4	*	*	SW	6	4	SW	*	b	*	
Skagen (The Skaw)	29.67	+ .36	36	35	-5	*	*	WSW	2	*	*	*	b	*	
Fanö ...	29.77	+ .38	37	36	-4	*	*	SW	4	*	*	*	b	*	
Cuxhaven ...	29.86 n	+ .38	34	33	-8	42	?	SW	3	4	SW	5	c	-	
Sumburgh Head															
Stornoway (Hebrides)	28.76 n	-.45	42	41	+10	42	30	S	4	4	S	6	b/c	0.24	
Thurso ...	29.04 f	-.06	38	37	+5	38	31	SSE	2	2	N	10	o/c	0.09	
Wick ...	28.90 f	-.25	40	39	+8	40	31	S	3	3	S	10	c/c	0.12	
Nairn ...	29.09 f	-.11	39	38	+6	39	33	SW	1	1	N	8	b/c	0.01	
Aberdeen Sam ...	29.16 f	-.03	38	37	+5	38	32	S	3	3	S	10	b/c	0.08	
Leith ... Sam ...	? 29.17 f	-.11	45	43	+11	46	33	SW	2	3	N	8	c/c	0.04	
Shields ...	29.43 f	+ .11	36	35	+1	38	32	S	5	5	NNN	8	b/c	0.06	
York ...	29.54 f	+ .14	37	37	+4	40	30	S	2	2	S	10	b/c	0.09	
Scarborough Sam	29.46 f	+ .06	37	37	+4	38	30	SSW	5	3	N	10	b/c	0.20	
Nottingham ...	29.61 f	+ .14	39	39	+6	42	29	S	4	6	SSW	10	SN	0.26	
Ardrossan ...	29.24 f	-.08	47	46	+12	47	35	SSW	4	8	SSW	9	SN	0.24	
Greencastle ...	29.15 f	-.26	44	44	+10	44	34	WSW	2	2	N	10	c/c	0.14	
Donaghadee ...	29.24 f	-.15	46	46	+12	46	32	S	5	5	S	10	b/c	0.34	
Kingstown ...	29.39 f	-.13	50	49	+15	50	35	S	3	6	NNN	10	b/c	0.12	
Holyhead ...	29.41 f	-.05	49	48	+10	50	39	SSW	6	6	N	10	N	0.55	
Liverpool (Bidston Obs.)	29.49 f	+ .05	44	43	+8	45	34	SSE	3	6	N	10	o/c	0.22	
Valencia ...	29.47 f	-.23	50	50	+6	55	42	N	4	4	N	8	m	0.23	
Roche's Point ...	29.49 f	-.18	49	49	+13	52	37	SW	5	5	N	10	c/c	0.10	
Pembroke ...	29.58 f	-.01	49	49	+9	49	38	SSW	6	5	NNN	10	c/c	0.17	
Portishead ...	29.66 f	+ .14	48	48	+13	49	32	SSW	6	6	NNN	10	c/c	0.09	
Scilly ...	29.70 f	+ .01	51	51	+8	51	42	SW	6	6	NNN	10	c/c	0.04	
Plymouth ...	29.73 f	+ .11	50	50	+12	51	34	SW	4	6	SW	10	m	0.21	
Portsmouth Sam	29.77 f	+ .17	46	46	+8	46	34	SW	7	7	SW	10	b/c	0.03	
Dover ...	29.87 n	+ .34	44	42	+5	44	32	S	6	3	N	10	b/c	0.04	
London ...	29.78 s	+ .25	42	41	+5	43	30	SSW	5	5	SSW	10	c/c	-	
Oxford ...	29.73	+ .19	40	40	+6	40	30	S	4	5	S	10	b/c	0.01	
Cambridge ...	29.76 n	+ .25	35	34	+1	40	29	S	1	1	WSW	10	c/c	0.02	
Yarmouth ...	29.77 n	+ .26	37	36	+2	39	30	SSW	5	5	SSW	10	b/c	-	
Helder ...			*	*		*	*			*	*	*	*	*	
Cape Gris Nez ...	29.88 n	+ .31	39	37	0	42	36	SSW	4	5	NNN	8	o/c	0.16	
Brest ...	29.92 f	+ .17	50	50	+7	?	41	SSW	7	7	SSW	10	m	-	
L'Orient ...	?		49	49	+7	51	40	SW	4	7	NN	10	c/c	0.04	
Rochefort ...	30.14 n	+ .24	43	39	0	50	36	S	5	5	NN	10	c/c	0.12	
Biarritz ...	30.16 n	+ .18	46	44	-4	50	43	SE	1	7	N	9	o/c	0.35	
Corunna ...	30.12		50	*		*	*	N	6	*	*	*	o/c	*	
Brussels ...	30.00	+ .21	36	*	-5	*	*	SW	?	*	*	*	b	*	
Charleville ...	? 30.03	+ .32	28	*	-12	*	*	WSW	6	*	*	*	f	*	
Paris ...	30.04 n	+ .32	34	?	-5	45	33	S	3	?	?	5	f	0.24	
Lyons ...	?		42	*	-6	*	*	N	3	*	*	*	c	*	
Toulon ...	29.78 f	-.11	36	29	-10	51	35	NN	8	5	NE	2	b/c	0.59	

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.
Skudesnaes ...	29.32	36	36	Z	0	*	6	Valencia ...	29.77	45	42	NN	2	3
Thurso ...	29.29	36	34	N	?	?	p/c	Scilly ...	29.83	45	41	NNN	5	4
Scarborough ...	29.51	37	35	N	3	2	2	London ...	29.65	41	37	NNN	3	3
Greencastle ...	29.59	38	37	NNN	1	4	c	Rochefort ...	29.94	46	42	NN	5	2
Holyhead ...	29.59	41	38	N	6	3	2							

Pressure continues to increase generally, most in the N. The winds show little change from those reported this morn.

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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. weather.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

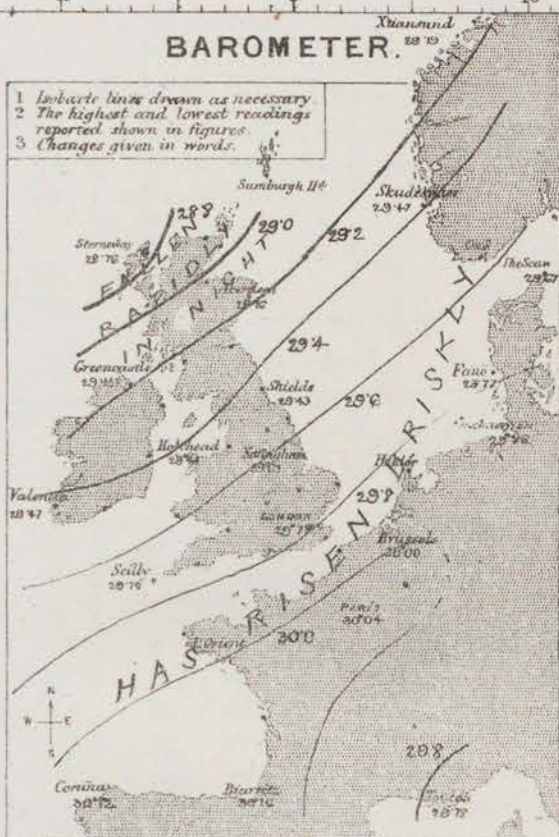
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 18TH JANUARY 1874 AT 8 A.M.

BAROMETER.

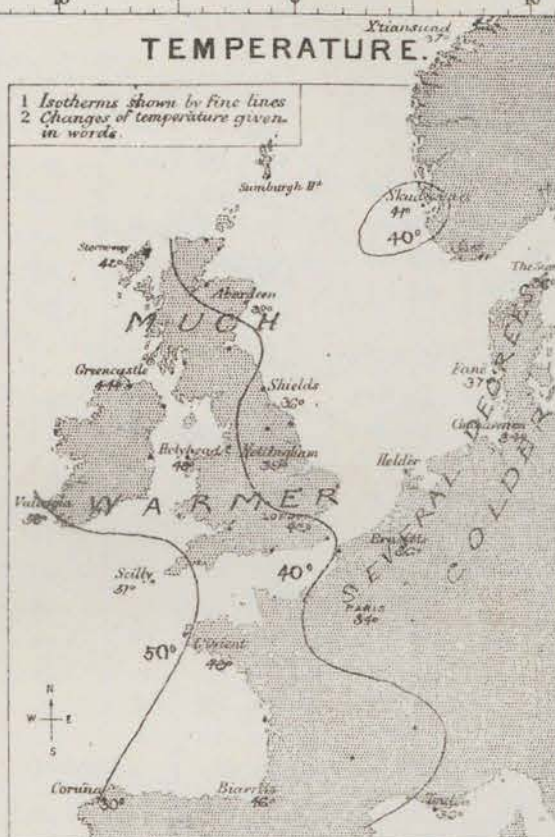
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The recovery of pressure noticed in our Islands yesterday has now extended to the eastern shores of the North Sea, but a rapid fall in the barometer has commenced at our own north western stations during the night, and a deep depression appears to be advancing on our northern stations. The gradients from Brussels to Stavanger is 0.10 in per 50 miles.

TEMPERATURE.

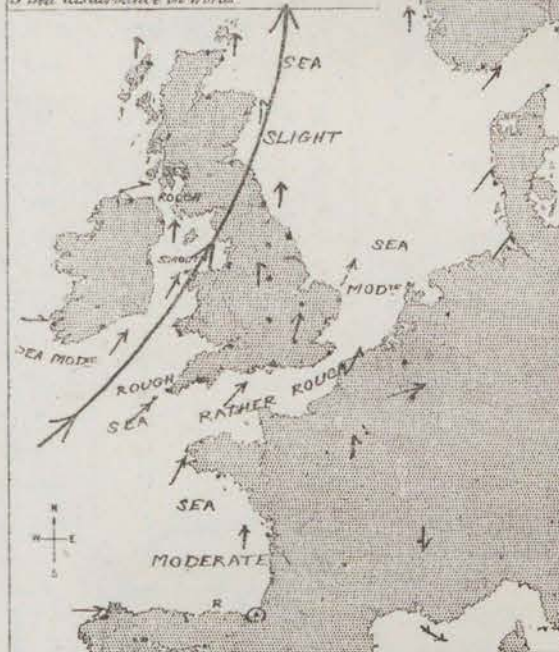
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen considerably in our Islands and the north-west of France, but has fallen several degrees in the south-east.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 182 - 183 - 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The wind has backed to S over S. Britain and France, and freshened at most of the western stations. SW breezes continue, however, on the eastern shores of the North Sea, but are blowing with less force than they were yesterday. The sea is rough at some of our western stations, 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.



Cloud has fallen at all stations. The sky is clear in Denmark, but overcast elsewhere, and the weather is rainy and very unsettled generally.

Subscriptions for these Charts payable in advance to order delivery. Delivery by hand 10s per quarter. Book post 5s per quarter.

Meteorological Office
116, Victoria Str. Westminister. S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd London W.C.

Mon. day 8 a.m.

WEATHER REPORT.

July 19th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather By Beaufort Scale	Rainfall. In past 24 Hours.	Sea Discom- fort 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.		Extremo.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...	28.26	- .83	41	39	+4	*	*	SW	10	2	SSE	*	cl	*	*
Skudesnaes ...	?		42	39	+1	*	*	NSW	8	10	SSE	*	no	*	*
Oxö (Christiansund)	28.95	- .62	44	41	+7	*	*	NSW	8	10	S	*	no	*	*
Skagen (The Skaw)	29.08	- .59	41	39	+5	*	*	NSW	8	*	*	*	o	*	*
Fanö ...	29.30	- .47	44	42	+7	*	*	N	9	*	*	*	o	*	*
Cuxhaven ...	29.51 f	- .35	45	45	+11	?	32	NSW	6	8	NSW	?	no	0.21	*
Sumburgh Head															
Stornoway (Hebrides)	29.12 n	+ .36	35	32	-7	47	29	NNN	7	10	NNN	6	nlq	0.62	*
Thurso...	28.87 n	- .17	36	34	-2	45	34	N	7	9	N	7	nlq	0.37	*
Wick ...	28.93 n	+ .03	35	33	-5	45	33	N	7	10	N	8	fo	0.11	*
Nairn ...	29.10 n	+ .01	36	35	-3	50	35	NSW	3	8	SW	10	o	0.31	*
Aberdeen ...	29.10 n	- .06	38	34	0	50	37	NNN	6	9	SSW	0	ob	0.01	*
Leith ...	29.24 n	+ .07	40	39	-5	55	38	N	4	9	N	1	opt	0.28	*
Shields...	29.34 n	- .09	43	40	+7	50	36	NSW	6	9	N	3	b	0.05	*
York ...	29.47 n	- .07	45	41	+8	54	36	N	3	6	N	4	gc	0.02	*
Scarborough ...	29.42 n	- .04	42	40	+5	50	37	NSW	4	7	SSW	7	oc	0.32	*
Nottingham ...	29.57 n	- .04	47	44	+8	54	39	SW	4	5	SW	10	no	0.11	*
Ardrossan ...	29.33 n	+ .09	43	38	-4	52	42	NNN	7	11	NNN	5	ntc	0.34	*
Greencastle ...	29.43 n	+ .28	40	38	-4	48	39	NNN	4	10	SW	9	yo	0.34	*
Donaghadee ...	29.41 n	+ .17	41	40	-5	53	41	NSW	3	8	NSW	9	yo	0.04	*
Kingstown ...	29.51 n	+ .12	46	43	-4	56	44	SW	2	9	N	10	olm	0.03	*
Holyhead ...	29.51 n	+ .10	46	44	-3	51	45	SW	2	6	SSW	10	mo	0.19	*
Liverpool (Bidston Obs.)	29.50 n	+ .01	46	41	+2	53	42	NSW	5	8	NSW	10	o	0.09	*
Valencia ...	29.54 f	+ .07	46	45	-4	55	44	SW	3	4	N	8	cn	0.14	*
Roche's Point ...	29.55 f	+ .06	54	54	+5	55	42	NSW	2	5	N	10	mln	0.20	*
Pembroke ...	29.61 n	+ .03	42	40	-7	51	45	N	1	6	NSW	10	ow	0.11	*
Portishead ...	29.63 n	- .03	45	45	-3	53	44	NSW	2	7	SW	10	fw	0.24	*
Scilly ...	29.60 f	- .10	53	53	+2	53	49	SW	7	7	SW	10	fn	0.28	*
Plymouth ...	29.64 f	- .09	49	49	-1	53	47	SSW	2	4	SW	10	dn	0.28	*
Portsmouth ...	29.67 n	- .10	47	47	+1	50	44	SW	2	7	SW	10	n	0.16	*
Dover ...	29.70 n	- .17	47	46	+3	49	42	SW	3	7	SSW	10	dm	0.21	*
London ...	29.68 n	- .10	48	46	+6	52	42	SW	2	8	SSW	10	qto	0.06	*
Oxford...	29.65	- .08	46	44	+6	51	40	NSW	2	6	S	10	dm	0.13	*
Cambridge ...	29.65 n	- .11	46	44	+11	53	34	SW	3	4	SSW	10	no	0.11	*
Yarmouth ...	29.61 n	- .16	45	44	+8	50	36	SW	4	8	SSW	10	ngq	0.07	*
Helder ...	29.59		36	*		*	*	SW	7	*	*	*	*	*	*
Cape Gris Nez...	29.72 n	- .16	47	47	+8	47	36	SW	5	8	SSW	10	nm	0.16	*
Brest ...	29.80 f	- .12	52	52	+2	53	49	SW	7	7	SSW	10	m	0.16	*
L'Orient ...	?		52	52	+3	59	48	NSW	5	5	NSW	10	f	0.04	*
Rocheport ...	30.05 f	- .09	51	49	+8	51	39	SW	5	7	SW	10	n	0.12	*
Biarritz ...	30.15 n	- .01	54	54	+8	?	43	SW	4	4	SW	10	n	0.32	*
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	29.75	- .25	46	*	+10	*	*	NSW	3	*	*	*	no	*	*
Charleville ...	29.94	- .09	39	*	+11	*	*	?	6	*	*	*	o	*	*
Paris ...	29.89 f	- .15	46	?	+12	?	34	S	4	5	S	10	n	0.08	*
Lyons ...	?		41	*	-1	*	*	SSW	2	*	*	*	m	*	*
Toulon...	30.01 n	+ .23	49	42	+13	50	36	NN	1	8	NN	5	b-f	-	*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.14	29	38	S	10	*	n	8	Valencia ...					
Thurso ...									Scilly ...					
Scarborough...							*		London ...					
Greencastle ...									Rocheport ...	30.10	48	44	S	5 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 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. weather taken at 8 p.m. *** AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

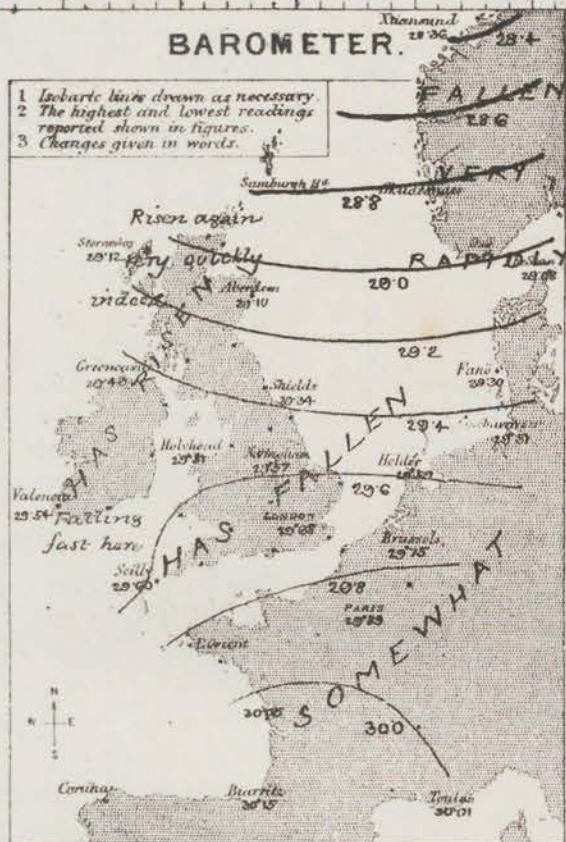
WEATHER CHARTS

AND REMARKS FOR

MONDAY 19TH JANUARY 1874 AT 8 A.M.

BAROMETER.

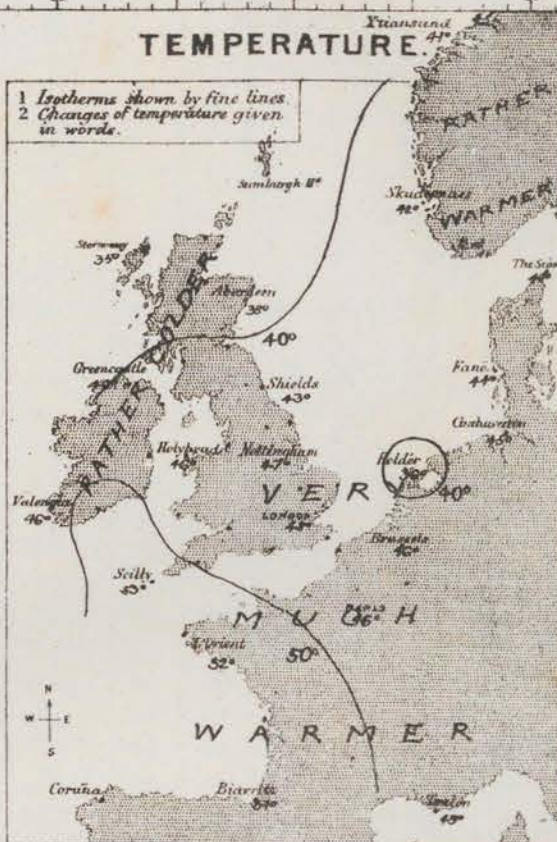
- 1 Isobars have been drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The fall of the barometer, which began on our west and north-west coasts yesterday became very rapid during the day, and the centre of a serious depression has passed over the northern regions, from which the barometer has since recovered rapidly in Scotland. The reading at Biarritz is now 1.79m higher than that at Christiansund, and the mercury has again begun to fall fast in the south-west of England.

TEMPERATURE.

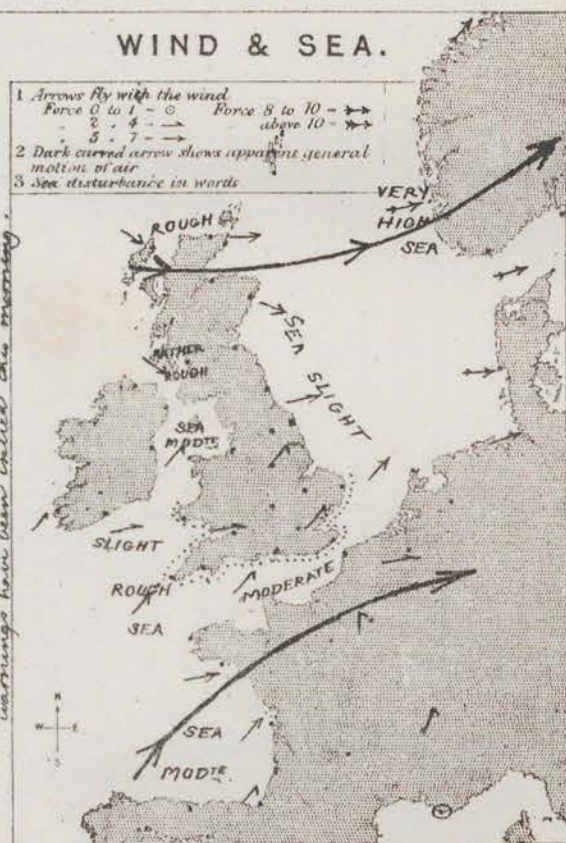
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has again increased generally except in the north and extreme west, where it has fallen a little.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - ○ Force 8 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.



The wind rose to a moderate or fresh gale from S. at most of our stations yesterday, and on veering to W. as the depression moved. It is increased to a hard gale in the north of the kingdom, but has now subsided. In Norway fresh W. gales are still experienced. At our south western stations the wind has already backed to SW again and is increasing at Scilly. The sea is rough at Scilly and Stormy.

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 everywhere, and continues in the south. The sky has become clear in the north-east, but is overcast elsewhere, and the weather is very unsettled. Warnings issued to our south-west, south and south-east coasts.

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.

Vincent Brooks Day & Son Ltd. London W.C.

Tues - day 8 a.m.

WEATHER REPORT.

Sunday 20th 1874.

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 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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'husand)						*	*					*		*	*
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö ...						*	*			*	*	*		*	*
Cuxhaven ...	29.73	+22	37	37	-8	45	?	S	4	5	NSW	9	of	0.02	?
Sumburgh Head															
Stornoway (Hebrides)	29.00	-12	37	36	+2	38	29	S	5	7	NNH	10	bd	0.03	5
Thurso ...	29.09	+22	35	34	-1	39	30	SEE	3	10	NNH	9	cd	0.10	3
Wick ...	29.14	+21	36	36	+1	39	31	S	4	7	NNH	10	clw	0.15	4
Nairn ...	29.11	+01	34	33	-2	38	30	Z	0	3	N	9	bs	0.05	1
Aberdeen ...	29.12	+02	40	39	+2	40	31	SEN	2	6	NNH	9	bsp	0.20	2
Leith ...	29.21	-03	44	43	+4	45	28	SN	4	3	N	7	bc	0.23	*
Shields ...	29.34	00	46	44	+3	46	36	SW	4	4	SN	7	bc	0.06	2
York ...	29.46	-01	46	44	+1	49	38	S	1	3	N	5	cc	0.06	*
Scarborough ...	29.42	00	46	45	+4	47	38	N	3	3	N	7	c	0.06	2
Nottingham ...	29.54	-02	51	49	+4	51	39	S	4	7	SN	10	mg	0.15	*
Ardrossan ...	29.19	-14	47	44	+4	47	34	SEN	4	7	NNH	8	co	0.25	4
Greencastle ...	29.13	-20	44	43	+4	44	36	SN	5	5	SN	10	og	0.17	*
Donaghadee ...	29.19	-22	43	42	+2	45	33	S	6	6	S	4	c	0.26	3
Kingstown ...	29.29	-22	44	44	+3	52	43	N	7	2	NNH	7	lc	0.19	4
Holyhead ...	29.35	-16	49	47	+3	57	43	SEN	4	2	N	7	dmt	0.16	3
Liverpool (Bidston Obs.)	29.44	-06	49	45	+3	50	41	SN	4	7	SN	4	cc	0.05	3
Valencia ...	29.30	-24	50	48	+4	53	43	N	5	6	N	7	mc	0.44	5
Roche's Point ...	29.35	-20	48	47	+6	52	43	SW	9	9	SN	9	mto	0.32	6
Pembroke ...	29.53	-08	50	48	+8	51	42	SN	7	7	SN	10	ru	0.46	6
Portishead ...	29.63	00	50	48	+5	53	42	SN	4	4	SN	8	lv	0.60	3
Scilly ...	29.67	+07	51	51	-2	53	49	SN	7	7	SN	8	dpm	0.28	6
Plymouth ...	29.70	+06	51	51	+2	54	48	SEN	5	6	SEN	10	ro	0.54	*
Portsmouth ...	29.75	+08	51	51	+4	51	45	SN	7	9	SN	10	a	0.48	6
Dover ...	29.77	+07	49	49	+2	50	44	NSW	6	5	SN	10	fud	0.63	5
London ...	29.69	+01	54	53	+6	54	44	SN	6	7	SN	10	rg	0.31	*
Oxford ...	29.64	-01	52	50	+6	52	44	SN	2	3	SN	10	og	0.39	*
Cambridge ...	29.63	-02	51	50	+5	52	42	SN	2	2	SN	10	o	0.21	*
Yarmouth ...	29.64	+03	50	50	+5	51	41	SN	4	4	SN	9	rg	0.10	3
Helder ...	29.63	+04	46	*	+10	*	*	SN	7	*	*	*	*	*	4
Cape Gris Nez ...	29.78	+06	47	47	0	51	45	NSW	8	7	SN	10	rm	0.55	6
Brest ...	29.89	+09	52	52	0	54	50	SN	7	7	NSW	10	m	0.12	5
L'Orient ...	?		52	52	0	57	50	SN	5	5	NSW	10	fo	-	6
Rochefort ...	30.17	+12	50	48	-1	55	46	SN	5	5	NSW	10	o	-	5
Biarritz ...	30.14	-01	50	48	-4	57	47	E	1	3	N	5	of	-	7
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	29.84	+09	52	*	+6	*	*	NSW	6	*	*	*	n	*	*
Charleville ...	? 30.01	+07	49	*	+10	*	*	S	6	*	*	*	o	*	*
Paris ...	30.02	+13	51	?	+5	?	46	S	5	7	NSW	10	o	-	*
Lyons ...	?		46	*	+5	*	*	SN	1	*	*	*	f	*	*
Toulon ...	30.19	+18	47	43	-2	56	40	NE	4	1	NN	2	cb	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wet.	
Skudesnaes ...	28.93	35	35	NNN	2	*	c	7	Valencia ...	29.52	47	45	SE	1	9
Thurso ...	29.23	36	34	NNN	8	?	ps	6	Scilly ...	29.64	53	53	SW	6	10
Scarborough...	29.54	45	42	N	3	7	c	2	London ...	29.62	47	46	SW	2	10
Greencastle ...	29.56	42	40	?WSN	3	9	o	*	Rochefort ...	30.09	52	48	WSN	5	10
Holyhead ...	29.57	48	45	N	2	5	m	2							

Pressure has increased at all stations excepting Valencia, where a slight fall has taken place and the wind has backed SE. The N^{ly} gale still holds in Caithness.

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 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

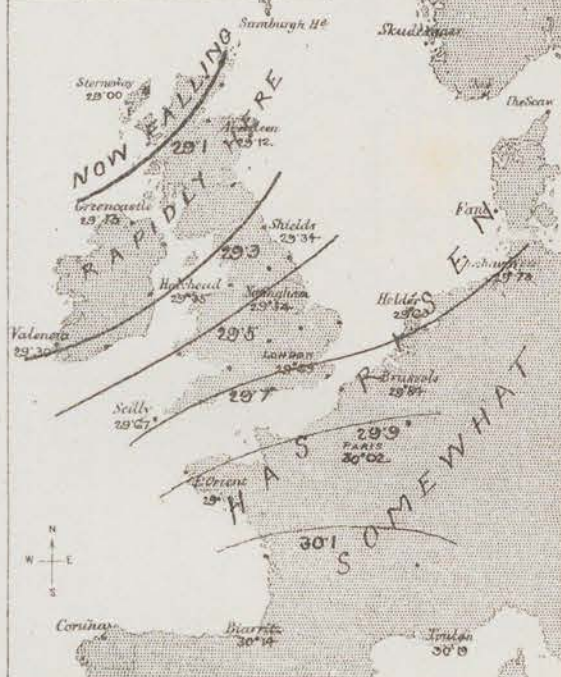
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 20TH JANUARY 1874 AT 8 A.M.

BAROMETER.

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



During yesterday the barometer rose again everywhere, but since last evening a fresh and rapid decrease has set in on our north-west coasts which has extended in a less degree to nearly all other stations. Pressure has increased somewhat at Cuxhaven and in the west of France, where the highest readings are still found. The gradient from Rochefort to Morville is 0.04 in. per 50 miles.

TEMPERATURE.

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



Temperature has again increased generally and is high in the south.

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.

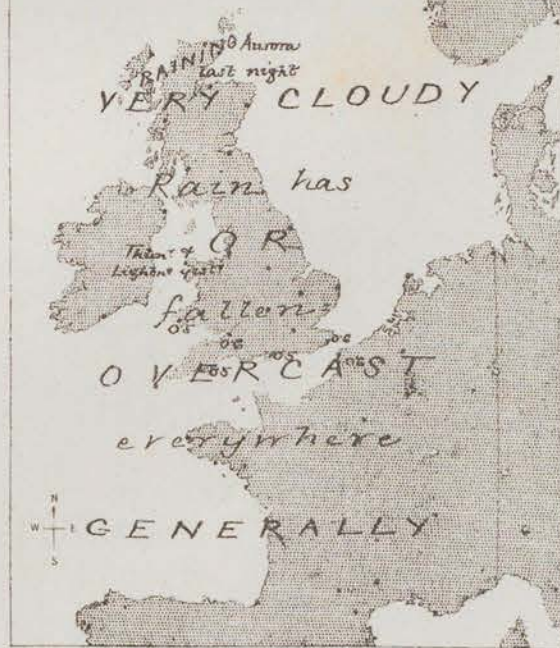


A fresh SW gale has swept over the southern and south-western parts of the Kingdom. The wind has backed to the S on our north and north-west coasts. Elsewhere fresh to strong SW winds are blowing, with a gale at Rochefort.

The sea is smooth in the east, rough in the west and south.

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 everywhere. Thunder and lightning have occurred at some of our western and northern stations, and snow was seen in the north of Scotland last night. The sky is overcast generally.

Mornings were issued to our south coast yesterday and are extended to the west and north this morning.

Subscriptions for these Charts payable in advance to cover delivery.
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Meteorological Office
116, Victoria St. Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Wednesday day 8 a.m.

WEATHER REPORT.

Jan. 21st 1874.

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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.50	+ .41	2	1	- 30	*	*	N	4	2	N	*	zf	*	*
Hernösand ...	29.48	+ .74	41	40	+ 8	*	*	NN	2	0	Z	*	oc	*	*
Stockholm ...	29.32	+ .28	33	32	- 1	*	*	E	1	4	SE	*	sf	*	*
Wisby ...	29.41	+ .05	42	41	+ 6	*	*	SN	6	2	SN	*	N	*	*
Christiansund ...	29.23	- .17	32	31	+ 2	*	*	SSN	4	4	E	*	ob	*	5
Skudesnaes ...	29.50	+ .01	42	41	+ 6	*	*	N	6	4	S	*	c	*	4
Oxö (X'tiansand)	29.48	- .13	42	41	+ 5	*	*	N SN	6	6	N SN	*	oc	*	5
Skagen (The Skaw)	29.44	- .13	42	42	+ 6	*	*	NN	6	*	*	*	o	*	*
Fanö ...	29.71	+ .03	42	41	+ 4	*	*	N SN	6	*	*	*	b	*	*
Cuxhaven ...	29.84 n	+ .11	44	42	+ 7	?	35	N	6	8	N SN	5	mc	0.20	?
Sumburgh Head															
Stornoway (Hebrides)	29.46 n	+ .46	44	43	+ 7	44	36	N	5	6	NN	4	po	0.12	4
Thurso ...	29.39 n	+ .30	43	41	+ 8	43	34	N	3	5	NNN	7	cw	0.09	3
Wick ...	29.47 n	+ .32	42	41	+ 6	42	35	N SN	3	4	S	10	o	0.08	2
Nairn ...	29.53 n	+ .42	44	41	+ 10	44	34	SN	4	4	SN	8	o	-	2
Aberdeen ...	29.62 n	+ .50	37	36	- 2	45	37	SSN	1	3	SSN	3	am	-	1
Leith ...	29.72 n	+ .51	42	41	- 1	50	41	N	4	3	NN	4	po	0.06	*
Shields ...	29.74 n	+ .40	44	42	+ 2	49	42	SN	3	7	N	8	dq	0.06	2
York ...	29.95 n	+ .49	42	41	- 3	53	42	SN	1	6	N SN	9	go	0.02	*
Scarborough ...	29.92 n	+ .50	41	40	- 5	50	41	N SN	3	5	SN	1	ob	0.03	3
Nottingham ...	30.00 n	+ .46	40	40	- 11	54	39	SSN	3	7	SN	1	am	-	*
Ardrossan ...	29.78 n	+ .59	45	43	- 2	49	44	N SN	5	8	N	8	po	0.15	4
Greencastle ...	29.82 n	+ .69	44	42	0	46	39	N SN	4	5	SN	9	co	0.09	*
Donaghadee ...	29.86 n	+ .67	40	39	- 3	46	39	S	4	4	S	7	c	0.06	3
Kingstown ...	29.96 n	+ .67	45	43	- 4	52	43	N SN	3	10	N	5	gc	0.01	3
Holyhead ...	29.95 n	+ .60	46	44	- 3	51	44	SN	3	8	SN	4	co	0.19	2
Liverpool (Bidston Obs.)	29.96 n	+ .52	43	40	- 6	52	42	N SN	3	8	N	3	ob	-	3
Valencia ...	30.04 n	+ .74	42	46	- 2	50	44	N SN	3	7	N	8	pg	0.06	4
Roche's Point ...	30.04 n	+ .69	42	42	- 5	51	42	N	1	9	N	2	ob	-	4
Pembroke ...	30.04 n	+ .51	42	46	- 2	52	46	N	3	9	N SN	3	co	0.02	4
Portishead ...	30.08 n	+ .45	45	44	- 5	54	40	N	3	6	N	2	ob	-	2
Scilly ...	30.13 n	+ .46	48	47	- 3	52	47	N SN	4	7	SN	6	c	-	6
Plymouth ...	30.13 n	+ .43	40	40	- 11	54	39	Z	0	5	SN	2	am	-	*
Portsmouth 8.30	30.16 n	+ .41	45	44	- 6	52	41	SN	1	7	SN	1	ob	0.01	1
Dover ...	30.12 n	+ .35	43	42	- 6	50	41	N SN	3	7	SSN	3	fdb	0.08	3
London ...	30.10 n	+ .41	40	39	- 14	56	40	SN	2	8	SN	1	ngt	0.01	*
Oxford ...	30.10	+ .46	40	39	- 12	54	40	SN	1	6	SN	5	ob	-	*
Cambridge ...	30.09 n	+ .46	39	38	- 12	54	38	SN	1	4	SN	5	c	-	*
Yarmouth ...	30.04 n	+ .40	40	39	- 10	54	39	N SN	0	6	SN	3	gm	0.01	3
Helder ...	29.96	+ .33	44	*	- 2	*	*	SN	6	*	*	*	*	*	4
Cape Gris Nez ...	30.13 n	+ .35	46	44	- 1	50	45	N	4	8	N SN	2	mb	0.04	3
Brest ...	30.16 n	+ .27	47	45	- 5	53	45	SN	1	7	SN	10	mf	0.08	5
L'Orient ...	?		46	46	- 6	59	46	E	1	7	SN	10	f	0.04	5
Rochefort ...	30.23 n	+ .06	46	44	- 4	55	45	S	3	5	SSN	10	of	-	3
Biarritz ...	30.19 n	+ .05	46	44	- 4	56	43	S	1	3	E	3	f	-	7
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.11	+ .27	?	*	*	*	*	N SN	3	*	*	*	b	*	*
Charleville ...	? 30.25	+ .24	47	*	- 2	*	*	? SN	3	*	*	*	c	*	*
Paris ...	30.23 n	+ .21	48	?	- 3	54	48	SN	1	7	SN	10	o	0.04	*
Lyons ...	?		46	*	0	*	*	SSE	1	*	*	*	f	*	*
Toulon ...	30.21 f	+ .02	47	45	0	60	44	SE	1	3	SE	6	bf	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.15	39	38	? ESE	4	*	z	4	Valencia ...	29.59	47	45	N	6	f
Thurso ...	28.95	38	37	S	1	4	C	2	Scilly ...	29.77	52	50	N SW	6	f
Scarborough...	29.31	49	47	SW	5	9	σ	4	London ...	29.70	54	50	SW	8	q
Greencastle ...	29.19	? 56	? 55	SW	4	6	C	*	Rochefort ...	30.18	54	50	SSW	5	10
Holyhead ...	29.35	? 59	? 56	SW	8	7	m	6							

The depression reported this morning is travelling away to the ENEnd and the barometer is rising rapidly in the SN.
The gale has extended to Holyhead, and at Scarborough the wind is increasing.
Warnings extended to the east coast 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: s, b. blue sky; c, detached clouds; d, drizzling rain; f, fog; g, dark, gloomy; h, hail; l, light 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.
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

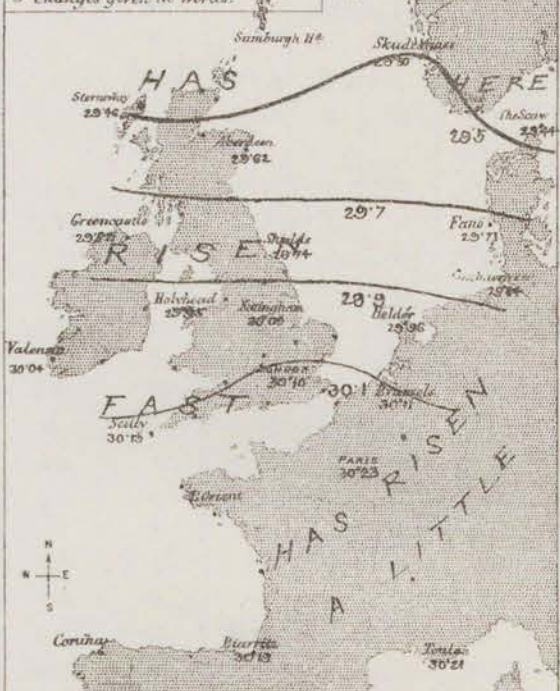
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 21st JANUARY 1874 AT 8 A.M.

BAROMETER.

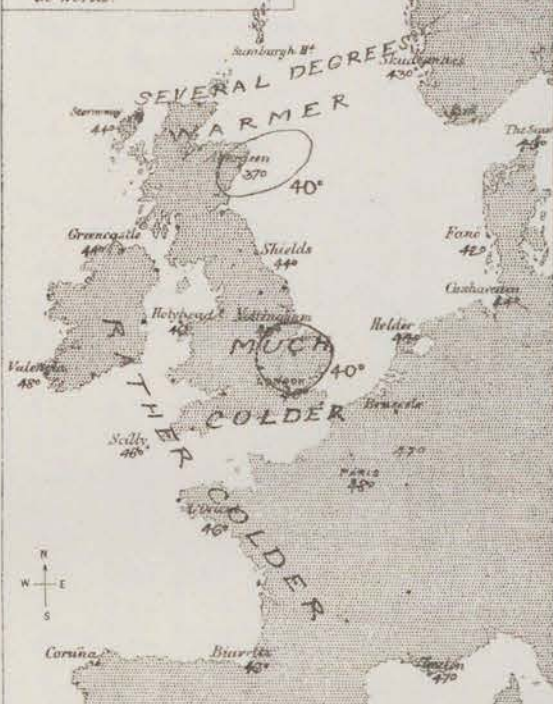
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A very considerable recovery of pressure has taken place throughout the British Isles during the past 24 hours, especially in Ireland, where the change amounts to 0.7 in. The highest readings are still found over France, and the gradient from Portsmouth to there is 0.08 in. per 50 miles.

TEMPERATURE.

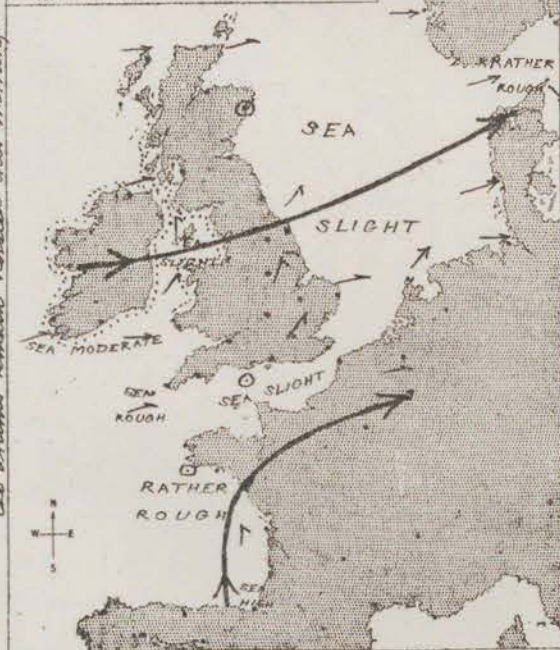
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has fallen except in Norway, Denmark and the north of Scotland where it has risen quickly. In London the thermometer stands 14° lower than it did yesterday morning.

WIND & SEA.

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

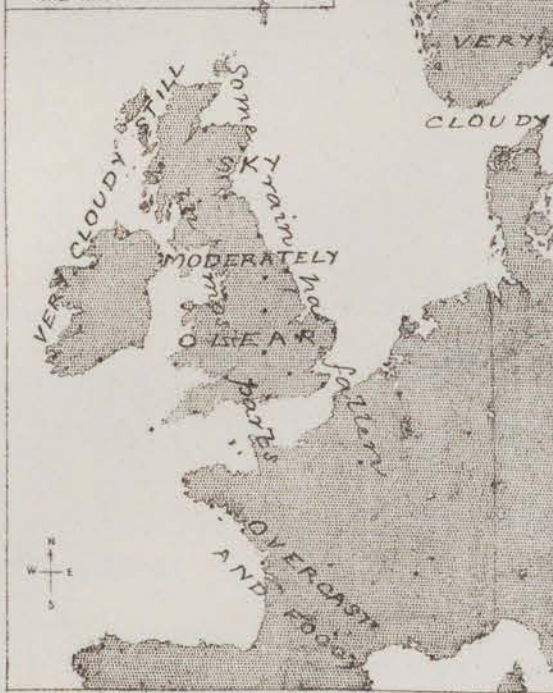


Note: A dotted line is drawn round those coasts where the drums remain becalmed this morning.

The wind rose to a gale on our north-west coasts and at Shields yesterday. It has now moderated generally from the Wnd but is backing again at Stornoway and Valence. The sea is moderate to smooth except at Birmig, Scilly and on the Norwegian coast.

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 in most places. The sky is now moderately clear except in the extreme west and north.

Warnings were issued to our west and north coasts yesterday morning, and to our east coast in the afternoon. Drums lowered in the north and east this morning.

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^t. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Thursday 8 a.m.

WEATHER REPORT.

July: 22nd 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Dis- turb- 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.		Extremo.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.32	-16	27	26	+25	*	*	S	2	4	NE	*	ce	*	*
Hernösand ...	29.73	+25	35	32	+6	*	*	NSW	2	4	SSW	*	ce	*	*
Stockholm ...	29.81	+49	40	38	+7	*	*	NSW	4	2	N	*	ce	*	*
Wisby ...	30.25	+64	40	39	-2	*	*	N	6	6	N	*	ce	*	*
Christiansund ...	29.52	+29	43	40	+11	*	*	SW	7	10	SW	*	N	*	6
Skudesnaes ...	30.03	+53	43	42	0	*	*	SSW	4	6	SW	*	ob	*	4
Oxö (Klansand) ...	29.89	+74	44	43	+1	*	*	SW	6	6	NSW	*	c	*	4
Skagen (The Skaw) ...	30.10	+66	42	42	-1	*	*	N	6	*	*	*	c	*	*
Fanö ...	30.28	+57	41	41	-1	*	*	N	4	*	*	*	c	*	*
Cuxhaven ...	30.50	+66	48	48	+4	?	36	SW	4	5	N	9	cf	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.78	+32	42	45	+4	48	43	SW	8	8	SW	6	dr	0.17	7
Thurso ...	29.78	+29	43	44	+3	48	42	NSW	4	5	NSW	6	ce	0.04	3
Wick ...	29.86	+39	45	43	+2	47	41	SSW	3	4	N	5	c	-	1
Nairn ...	29.92	+39	47	43	+2	48	43	SW	7	7	N	6	ce	-	3
Aberdeen ...	29.99	+37	45	42	+8	49	37	SSW	3	3	SSW	4	bc	-	2
Leith ...	30.17	+45	44	43	+1	51	42	N	3	5	N	5	c	-	*
Shields ...	30.27	+53	42	41	-2	47	40	SSW	2	3	N	5	bc	-	2
York ...	30.35	+40	39	38	-4	50	38	S	1	2	NSW	5	c	-	*
Scarborough ...	30.33	+41	37	37	-4	47	37	SW	1	4	NSW	1	cb	-	1
Nottingham ...	30.42	+42	32	32	-8	52	32	SSW	1	3	SW	10	bf	-	*
Ardrossan ...	30.22	+44	46	43	+1	49	45	SSW	3	5	NSW	5	c	0.02	3
Greencastle ...	30.16	+34	43	42	-1	47	41	SW	4	5	N	9	co	0.01	*
Donaghadee ...	30.23	+37	40	39	0	46	39	S	3	4	S	3	cb	0.01	1
Kingstown ...	30.32	+36	42	40	-2	51	41	Z	0	3	NSW	10	of	-	1
Holyhead ...	30.30	+35	46	45	0	51	44	SW	2	3	SW	6	bm	-	1
Liverpool (Bidston Obs.) ...	30.37	+41	43	41	0	49	43	SSW	2	4	NSW	1	cb	-	1
Valencia ...	30.35	+31	48	46	0	53	44	SSW	2	3	N	8	og	-	3
Roche's Point ...	30.33	+29	40	40	-3	50	37	N	2	2	N	10	cf	-	3
Pembroke ...	30.39	+35	45	45	-2	51	45	SE	1	3	SW	10	cf	0.01	3
Portishead ...	30.42	+34	34	34	-11	53	32	Z	0	4	SW	10	cf	-	1
Seilly ...	30.34	+21	47	46	-1	51	43	ENE	2	4	NSW	7	bc	-	6
Plymouth ...	30.33	+25	40	40	0	51	35	Z	0	2	SW	9	bm	-	*
Portsmouth ...	30.45	+29	40	40	-5	49	38	E	1	1	SW	10	bf	0.02	0
Dover ...	30.46	+34	40	39	-3	48	38	Z	0	3	N	10	bf	-	*
London ...	30.45	+25	33	32	-7	53	32	Z	0	3	N	10	cf	-	*
Oxford ...	30.45	+35	38	38	-2	50	38	Z	0	2	SW	10	cf	0.01	*
Cambridge ...	30.45	+36	31	31	-8	49	30	Z	0	2	NSW	2	cb	-	2
Yarmouth ...	30.44	+40	37	37	-3	49	36	SW	2	3	NSW	2	bm	-	2
Helder ...	30.41	+45	42	*	-2	*	*	SW	2	*	*	*	*	*	1
Cape Gris Nez ...	30.44	+31	37	37	-9	49	36	E	1	4	N	8	of	-	5
Brest ...	30.31	+15	49	49	+2	57	43	SE	3	4	SW	10	fo	0.08	3
L'Orient ...			49	49	+3	53	45	SSE	4	4	SSE	10	N	0.08	3
Rochefort ...	30.32	+09	48	44	+2	55	30	ESE	3	3	S	10	of	-	4
Biarritz ...	30.34	+15	32	30	-14	55	30	SE	3	4	SE	9	co	-	*
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.50	+39	39	*	*	*	*	N	3	*	*	*	f	*	*
Charleville ...	?		32	*	-15	*	*	NSW	1	*	*	*	f	*	*
Paris ...	30.45	+22	42	?	-6	53	41	NSW	1	3	SSE	9	om	-	*
Lyons ...	?		45	*	-1	*	*	N	1	*	*	*	f	*	4
Toulon ...	30.41	+20	48	48	+1	50	45	NE	1	1	SE	4	om	-	*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.72	44	42	SSW	6	*	7	Valencia ...	30.18	51	50	NSW	2	8
Thurso ...	29.55	47	44	NSW	5	8	3	Seilly ...	30.23	50	49	NSW	4	3
Scarborough ...	30.03	47	45	NSW	3	6	3	London ...	30.21	49	46	N	3	4
Greencastle ...	29.87	47	45	N	4	2	6	Rochefort ...	30.26	54	52	S	3	10
Holyhead ...	30.08	48	46	SW	3	5	3							

Pressure has continued to increase generally. Light N. to N.E. winds are general, with

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 str 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ngly, threatening; v. visibility, unusual transparency; w. wind. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

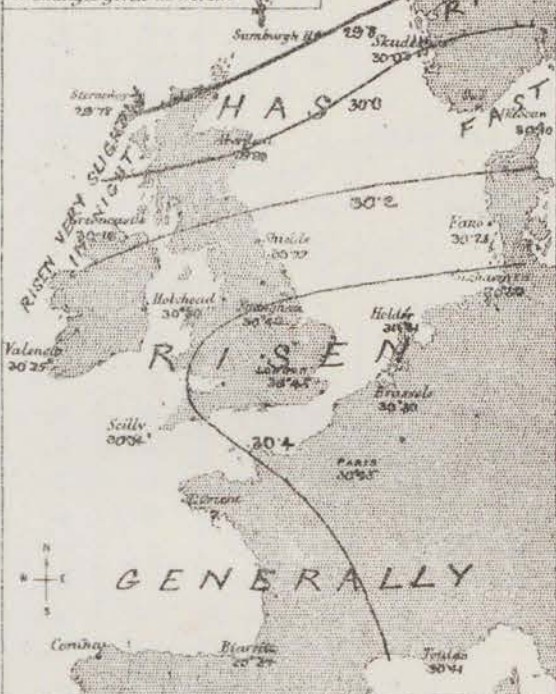
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 22ND JANUARY 1874 AT 8 A.M.

BAROMETER.

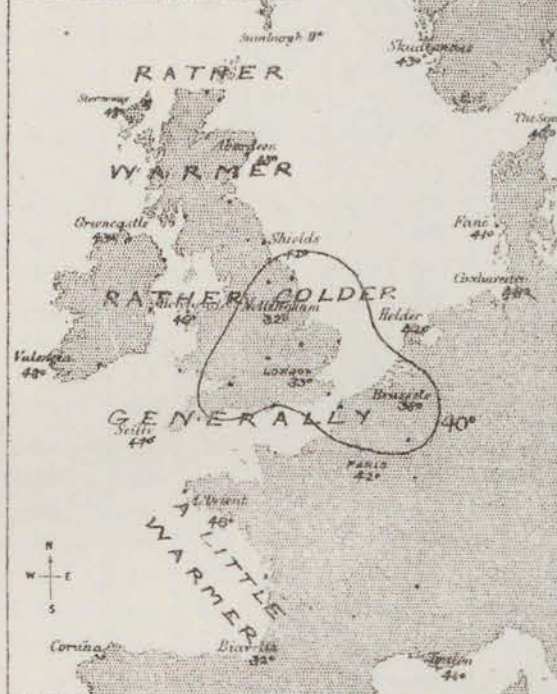
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A brisk recovery of pressure has taken place over the whole of western Europe during the past 24 hours, the change having been greatest on the eastern shore of the North Sea, where a rise of more than half an inch is reported. In the extreme north and west, however, there are some indications of pressure having given way during the night. The highest readings are over central England and the Netherlands, and the gradient from Yarmouth to Harve is 0.08 in. per 50 miles.

TEMPERATURE.

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



Temperature has risen in Norway, Scotland, and the west of France, but fallen elsewhere.

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 - 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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



In the south the winds are very light but circulate round the high pressure being SE in France, SW over the northern parts of the kingdom and W in Denmark. In the north of Scotland and in Norway the winds are fresh from SW, having a gale at Norway. In central England calms prevail. The sea is high at Stornoway, rough in the SW, smooth on our other coasts.

CLOUD, RAIN & C.

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



A little rain has fallen in the north and north-west. The sky is moderately clear in the north of our islands, but a great deal of fog prevails in the south.

Fog warnings repeated to our north 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 St. Westminister S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd, London W.C.

Fri - day 8 a.m.

WEATHER REPORT.

Sun. 23rd 1874.

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 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.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	29.17	-.15	36	36	+9	*	*	SN	10	8	SN	*	ot	*	*
Hernösand ...	29.50	-.23	40	36	+5	*	*	SN	2	6	SN	*	ot	*	*
Stockholm ...	29.86	+ .05	37	35	+3	*	*	NSN	4	8	SN	*	b	*	*
Wisby ...	30.06	+ .01	38	36	-2	*	*	SN	4	4	N	*	ct	*	*
Christiansund ...	29.41	-.11	39	38	-4	*	*	NSN	8	10	SN	*	n	*	8
Skudesnaes ...	29.84	-.19	44	42	+1	*	*	SN	6	4	SSN	*	to	*	4
Oxö (Christiansund)	29.93	-.04	43	42	-1	*	*	SN	6	6	SN	*	fo	*	4
Skagen (The Skaw)	30.02	-.08	42	41	0	*	*	N	8	*	*	*	o	*	8
Fanö ...	30.17	-.11	40	39	-1	*	*	SN	6	*	*	*	c	*	9
Cuxhaven ...	30.28 f	-.22	42	41	-6	?	38	SSN	2	4	SN	5	fc	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.79 n	+ .01	38	36	-10	50	36	NNN	1	10	NSN	3	mt	0.28	4
Thurso ...	29.72 f	-.06	39	38	-7	49	39	S	2	6	SN	9	o	0.29	3
Wick ...	29.78 f	-.08	40	38	-5	48	38	NNN	2	3	SSN	10	o	0.10	1
Nairn ...	29.83 f	-.09	41	40	-6	50	41	SN	1	7	SN	10	ctd	0.22	1
Aberdeen ...	29.83 f	-.16	44	43	-1	49	42	NSN	1	7	SSN	10	bm	-	2
Leith ...	29.92 f	-.25	47	46	+3	52	42	N	3	3	N	8	to	-	*
Shields ...	30.04 f	-.23	41	40	-1	47	40	SSN	3	4	NSN	4	to	-	2
York ...	30.16 f	-.19	37	37	-2	49	33	S	1	1	S	10	af	-	*
Scarborough ...	30.10 f	-.23	36	36	-1	46	32	NSN	2	2	SN	4	to	-	2
Nottingham ...	30.20 f	-.22	43	43	+11	43	32	SN	1	1	NNN	10	f	0.01	*
Ardrossan ...	29.96 f	-.26	46	44	0	48	44	NNN	2	5	SSN	8	cd	0.05	3
Greencastle ...	30.02 f	-.14	43	43	0	45	42	N	1	7	SN	10	cd	0.07	*
Donaghadee ...	30.00 f	-.23	45	44	+5	49	40	S	5	5	S	10	co	-	3
Kingstown ...	30.12 f	-.20	48	46	+6	49	39	SN	3	3	SSN	10	to	-	2
Holyhead ...	30.12 f	-.18	47	46	+1	49	43	SN	1	2	SN	6	mv	-	1
Liverpool (Bidston Obs.)	30.16 f	-.21	43	41	0	48	35	SSN	2	3	SSE	10	co	-	1
Valencia ...	30.10 f	-.25	51	50	+3	52	46	NSN	3	3	NSN	9	go	0.00	3
Roche's Point ...	30.19 f	-.14	49	48	+9	49	40	NSN	3	3	NSN	9	fo	-	3
Pembroke ...	30.24 f	-.15	48	47	+3	48	43	NSN	4	3	SE	10	am	0.17	3
Portishead ...	30.24 f	-.18	34	34	0	47	31	SN	3	2	NE	9	mg	0.02	1
Scilly ...	30.32 n	-.02	49	48	+2	49	45	NSN	5	6	SSN	7	orgo	0.31	5
Plymouth ...	30.31 n	-.07	44	44	+4	50	39	Z	0	3	E	9	mf	0.16	1
Portsmouth ...	30.29 f	-.16	46	46	+6	48	39	SN	2	3	E	5	fc	0.04	1
Dover ...	30.29 f	-.17	46	45	+6	48	39	SN	3	1	NE	6	foe	-	2
London ...	30.27 f	-.18	47	46	+14	47	32	SSN	2	2	SSN	7	fc	-	*
Oxford ...	30.25	-.20	43	43	+5	45	36	SN	1	1	SN	10	fm	0.01	*
Cambridge ...	30.25 f	-.20	42	42	+11	43	30	SSN	1	1	SSN	10	co	-	2
Yarmouth ...	30.25 f	-.19	43	43	+6	46	35	NSN	2	3	SSN	10	bf	-	2
Helder ...	30.25	-.16	41	*	-1	*	*	SN	6	*	*	*	*	*	2
Cape Gris Nez ...	30.31 f	-.13	45	43	+8	48	36	SN	3	3	SE	8	co	-	2
Brest ...	30.39 n	+ .08	49	49	0	53	44	NNN	3	4	S	10	o	0.12	4
L'Orient ...	?		46	46	-3	55	45	SN	3	3	SSE	7	o	0.12	3
Rochefort ...	30.49 n	+ .17	46	44	-2	55	41	SN	3	4	ESE	7	to	-	3
Biarritz ...	30.50 n	+ .16	52	50	+20	55	45	NE	4	3	E	9	fo	-	7
Corunna ...				*		*	*				*	*	*	*	*
Brussels ...	30.30	-.20	45	*	+7	*	*	NSN	3	*	*	*	f	*	*
Charleville ...	30.44		42	*	+10	*	*	SN	3	*	*	*	f	*	*
Paris ...	30.41 f	-.04	41	9	-1	53	41	SSE	4	4	ESE	10	om	-	*
Lyons ...	?		46	*	+1	*	*	SE	1	*	*	*	f	*	*
Toulon ...															

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

	Bar	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar	Dry.	Wet.	Wind.	C.	Wen.		
Skudesnaes ...	30.04	44	42	SSW	6	*	C	4	Valencia ...	30.29	50	47	SW	3	6	C
Thurso ...	29.75	48	46	SW	2	8	O	3	Scilly ...	30.28	49	48	E	4	9	g
Scarborough...	30.28	46	44	SW	* 2	1	b	2	London ...	30.42	42	40	SW	1	8	f
Greencastle ...	30.12	45	43	SW	6	2	b	*	Rochefort ...	30.40	53	51	ESE	3	?	O
Holyhead ...	30.30	47	46	SSW	2	6	m	1								

A slight fall of the barometer has taken place over our Islands but the rise still continues at Rochefort. The SN breeze freshened a little at Greencastle but elsewhere the wind is unchanged.

Warnings were repeated to our N. 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. weather.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

Saturday 8 a.m.

WEATHER REPORT.

Jan'y: 24th 1874.

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.		Extremo.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	29.00	-14	25	24	-11	*	*	SW	2	2	SW	*	b	*	*
Hernösand ...	29.25	-25	33	31	-7	*	*	SW	4	2	SW	*	ob	*	*
Stockholm ...	29.45	-41	38	36	+1	*	*	NSW	4	8	NSW	*	cb	*	*
Wisby ...	29.70	-36	40	39	+2	*	*	SW	6	2	SW	*	c	*	*
Christiansund ...	29.38	-03	27	27	-12	*	*	N	6	8	SW	*	bo	*	6
Skudesnaes ...	29.69	-15	37	34	-7	*	*	NNN	4	6	N	*	co	*	4
Oxö (X'tiansand)	29.62	-31	38	36	-8	*	*	NSW	6	6	SW	*	kb	*	4
Skagen (The Skaw)	29.69	-03	40	37	-2	*	*	NN	6	*	*	*	o	*	*
Fanö ...	29.87	-30	41	41	+1	*	*	NSW	4	*	*	*	o	*	*
Cuxhaven ...	29.91 f	-37	43	43	+1	?	30	N	3	2	NSW	9	fn	0.08	?
Sumburgh Head															
Stornoway (He- brides)	29.88 N	+09	33	32	-5	39	31	NNN	3	4	NNN	6	qsc	0.16	4
Thurso ...	29.75 N	+03	34	33	-5	43	33	N	3	7	N	7	hp	0.45	4
Wick ...	29.80 N	+02	32	31	-8	42	29	N	2	4	N	6	pse	0.09	1
Nairn ...	29.89 N	+06	34	33	-7	43	33	SW	3	3	SW	8	cow	0.04	2
Aberdeen ...	29.88 S	+05	36	33	-8	46	33	N	1	4	NSW	8	cb	-	1
Leith ...	29.99 S	+07	37	36	-10	49	36	N	3	3	N	5	pc	0.00	*
Shields ...	30.04 N	00	39	37	-2	48	38	N	3	3	SSW	5	c	-	1
York ...	30.10 N	-06	41	39	+4	49	36	N	2	2	N	10	go	0.02	*
Scarborough ...	30.05 N	-05	39	38	+3	47	36	NSW	2	4	NSW	10	cg	-	2
Nottingham ...	30.14 N	-06	41	41	-2	49	41	SW	1	4	SW	10	m	0.05	*
Ardrossan ...	30.06 N	+10	40	38	-8	47	39	NNN	4	5	NNN	5	phe	0.10	2
Greencastle ...	30.14 N	+12	38	36	-8	44	36	NNN	4	4	NNN	6	pc	0.18	*
Donaghadee ...	30.11 N	+11	36	35	-9	47	36	N	2	5	S	2	ob	-	1
Kingstown ...	30.20 N	+08	42	40	-6	53	36	NNN	3	4	SSW	10	nm	0.13	3
Holyhead ...	30.13 N	+01	43	41	-4	50	43	NN	4	3	SW	6	dc	0.12	3
Liverpool (Bidston Obs.)	30.14 N	-02	41	40	-2	50	40	NNN	3	4	SW	?	o	0.15	2
Valencia ...	30.36 N	+26	43	42	-8	52	41	N	4	3	NSW	7	gc	0.30	3
Roche's Point ...	30.29 N	+10	42	41	-7	52	38	N	4	5	N	8	o	0.36	3
Pembroke ...	30.21 S	-03	40	40	-8	51	40	N	4	6	NSW	10	fn	0.38	3
Portishead ...	30.17 f	-07	44	44	+10	50	34	NE	2	5	N	10	vd	0.15	2
Scilly ...	30.25 f	-07	51	50	+2	52	47	NSW	6	6	NSW	16	c	-	6
Plymouth ...	30.24 f	-07	50	50	+6	52	43	NSW	4	6	SW	10	o	0.02	*
Portsmouth ...	30.18 f	-11	50	49	+4	50	44	SW	5	5	SW	9	o	-	4
Dover ...	31.16 f	-13	49	48	+3	49	45	NSW	4	3	NSW	10	bw	-	4
London ...	30.12 f	-15	51	49	+4	53	46	NSW	3	5	SSW	10	dgo	0.05	*
Oxford ...	30.14	-11	43	41	0	50	43	N	1	2	SW	10	on	0.21	*
Cambridge ...	30.13 f	-12	42	42	0	50	41	N	1	2	SW	10	on	0.11	2
Yarmouth ...	30.14 f	-11	42	42	-1	47	41	N	2	3	NSW	10	fn	0.09	2
Helder ...	30.05	-20	42	*	+1	*	*	NN	5	*	*	*	*	*	2
Cape Gris Nez ...	30.18 f	-13	49	49	+4	50	43	NSW	7	4	SW	10	o	-	6
Brest ...	30.43 f	+04	51	49	+2	53	47	N	5	5	N	10	o	-	4
L'Orient ...	?		48	48	+2	54	46	N	4	4	N	9	o	-	4
Roche fort ...	30.52 N	+03	45	43	-1	55	41	S	3	4	NSW	0	ob	-	3
Biarritz ...	30.52 f	+02	47	45	-5	52	46	E	1	4	NE	10	of	-	5
Corunna ...			*	*	*	*	*		*	*	*	*	*	*	*
Brussels ...	30.15	-15	49	*	+4	*	*	N	3	*	*	*	on	*	*
Charleville ...	? 30.33	-11	44	*	+2	*	*	? SW	3	*	*	*	o	*	*
Paris ...	30.32 f	-09	48	?	+7	50	41	SW	3	4	NSW	9	o	-	*
Lyons ...	?		48	*	+2	*	*	NE	3	*	*	*	o	*	*
Toulon ...	30.26 f		46	44		56	45	NE	1	4	NN	6	f	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.75	41	40	WSW	6	*	o	4	Valencia ...	30.19	52	51	WSW	3	9
Thurso ...	29.70	41	38	N	4	2	r	4	Scilly 3 pm...	30.34	51	49	WSW	5	6
Scarborough...	30.01	46	44	WSW	4	9	o	4	London ...	30.25	50	48	WSW	2	7
Greencastle ...	30.05	43	42	N	4	9	p	*	Roche fort ...	30.50	52	48	WSW	4	7
Holyhead ...	30.08	49	48	SW	5	7	d	3							

The recovery of pressure at Stornoway has extended to the Irish coast, and even in London the mercury is beginning to slowly; but at Lanes a new fall has commenced since noon. Light SW. to W. winds are prevailing.

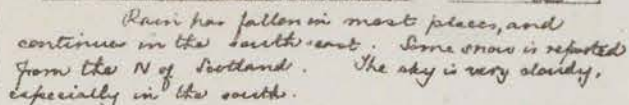
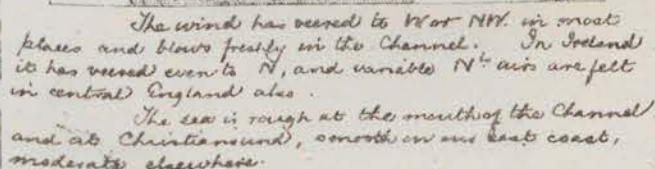
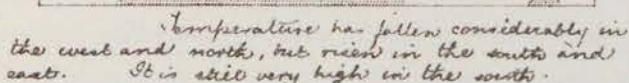
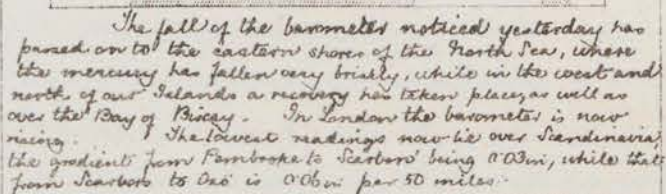
EXPLANATION OF COLUMNS.

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* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is 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 opposite direction.

SATURDAY 24TH JANUARY 1874 AT 8 A.M.



Vincent Brooks Day & Son Ltd. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 18TH to JANUARY 24TH 1874.

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

The early part of the week was marked by a continuance in the passage over us of well defined depressions the track of whose centres lay away to the NW & N of our Islands. The course of those we experienced was, however rather more to the NE than those noticed last week, and the gales produced by that which passed us on the 18th were very severe at the N-stations, while that of the 20th was marked by much thunder and lightning in the N. Since the 21st however the changes experienced have been of a more extensive and less sudden character. On the 22nd owing to the extension over our S-stations of the continental anticyclone, dense fogs were prevalent over the S. of the Kingdom. On the 24th the region of highest pressure appeared to be breaking up, at least temporarily, and while the barometer rose briskly in the N. N^W & NW breezes manifested themselves in all parts of NW-Europe. The weather has been mild, sometimes very warm and close, the sky very cloudy, and a good deal of rain fell during the earlier part of the week.

JAN: 18TH - The mercury had fallen more than half an inch in the NW. of Scotland since 6 pm on the 17th, while at our SE-stations little or no change had occurred, and in France a continued rise was reported. The wind had backed to the S very gradually and freshened. Temperatures rose considerably over the United Kingdom and NW. of France, while the weather became squally, dull and rainy. During the day the centre of a very deep depression passed rapidly to the NE over the most N-stations. The wind rose to a strong gale from SW. or W. in Scotland and over the North Sea, and to a fresh gale at most of the W-stations; showers of hail fell in the N., lightning was seen in several places and thunder occurred at Androssau. At 6 pm the gradient from Androssau to Thurso was 0.22 in per 50 miles, the reading at Thurso being then as low as 28.28 in.

JAN: 19TH - The centre of the storm was passing rapidly away to the NE the barometer at Christiansund having fallen 0.8 in: in the 24 hrs while over the British Isles a rapid recovery was in progress especially in Iceland. The W^W gale in the N. had been very severe, though in the S. of Scotland and N. of Ireland it was of brief duration. Fresh to strong W^W or SW^W gales were still felt in Norway and Denmark, moderate W^W gales in Scotland and light to fresh SW^W breezes elsewhere. Temperatures had fallen in the N. and extreme N. of our Islands, risen in all other places, and though the sky had become clear on our NE coasts it remained overcast generally elsewhere. During the day the recovery continued rapidly in the N. but a fresh decrease commenced at Valencia accompanied by a shift of the wind there to SE. Aurora was seen in Scotland at night.

JAN: 20TH - The recovery of pressure from the disturbance noted above had been exceedingly rapid in Norway and broke over the North Sea while the fresh fall noticed in the N. had spread very quickly so that the most E. parts of our Islands had felt the change during the night. The wind had returned to the SW quarter over the United Kingdom and Bay of Biscay and had increased generally, a moderate gale being already experienced in the SW. and strong breezes in both the English and Irish Channels. Temperatures again increased and was very high in the British Isles and NE. of France but fell fast on the E. shores of the North Sea. Rainy unsettled weather was prevalent, with thunder and lightning in the N. This disturbance like its predecessor moved rapidly to the NE and during the morning the gale passed N^W while a sudden recovery of pressure commenced in the SW. and W.

JAN: 21ST - The rise of the barometer during the 24 hrs. varied from three quarters of an inch at Valencia to 0.5 in: over the N. of Scotland and Holland the mercury having in the mean time fallen briskly over Scandinavia.

The thermometer on the contrary, fell fast in the SE. and S. while it rose at the most N. stations; while the wind varied generally, and, in our Islands fell light. The weather improved very much.

JAN: 22nd - The barometer had again risen generally - most in Denmark. The area of highest pressures lay over Germany the E. of France and SE. of England and gradients were very slight except over the N. stations. Calms prevailed over our S. stations, light SE. breezes in the N. of France light SW. breezes in Ireland and the N. of England and light N. in Denmark, but strong SW. breezes in Scotland and Norway. Temperature rose in Scotland but fell at the SE. stations - rapidly in the NE. of France. Dense fogs prevailed at the S. stations but clearer weather in the N. During the morning the mercury fell a little along our W. coasts and the SW. wind (which blew a hard gale at Stromway) extended itself over us laterally. Some rain fell in the N. and N.

JAN: 23rd - A slight fall of the mercury had been general over NW. Europe. The distribution of pressure at 8 a.m. was remarkable. A very extensive area of high pressure, the readings in which exceeded 30.5 in., lay over the whole of S. Europe, from which readings decreased N. to 29.2 in. in the N. of the Gulf of Botnia and 29.4 in. in the N. of Scotland. The winds in our neighbourhood varied from SW. to N., being light on our coasts, strong to a gale on the E. shores of the North Sea. Temperature fell in the N. rose over Ireland and England, and changed irregularly elsewhere, while the weather was very cloudy and showery.

JAN: 24th - A slight rise of the barometer had taken place in the N. and SW. of our Islands while over Denmark and Germany pressure gave way considerably, and the fall had extended to the S. of France in the night. At 8 a.m. the highest readings were consequently found in the SW. and the lowest over Scandinavia, and these were indications of a very shallow local disturbance over the central counties of England. The wind drew into N. at most of the Continental stations (except in the far south) as well as on our E. coast, while at our W. stations N. to NW. breezes set in. Temperature fell fast in the N. and N. and during the day the change became general. In London it took place suddenly with a shift of wind in a squall with rain between 8 and 9 a.m. The sky was overcast in the S., cloudy elsewhere and rain fell except in the N. of England - snow in Scotland. During the day the changes noted above continued in progress and an anticyclone became formed off our SW. coasts. -

NOTICE.

The Meteorological Committee have resolved to commence the issue of lithographed copies of the 24 hours Tabulated Readings, taken at their 7 Observatories, for every element which is observed continuously, commencing with January 1st 1874. The sheets will be issued quarterly, and the issue will be a limited one. -

The subscription for a copy is £1. - per annum to cover a portion of the expense of production.

The sheets will not be distributed with the publication of the office. -

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

Sun-day 8 a.m.

WEATHER REPORT.

July: 25th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Set Dist. and Dir.	
	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 ...	29.02	-.01	21	20	-.4	*	*	W	4	8	W	*	oc	*	*
Hernösand ...	29.50	+.25	29	26	-.4	*	*	NNW	8	2	SW	*	b	*	*
Stockholm ...	29.71	+.26	26	23	-.12	*	*	W	6	4	W	*	b	*	*
Wisby ...	29.89	+.19	31	30	-.9	*	*	N	6	6	N	*	b	*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand)	30.09	+.47	30	26	-.8	*	*	NNW	4	4	NNW	*	cb	*	2
Skagen (The Skaw)	30.04	+.35	33	30	-.7	*	*	NNW	2	*	*	*	b	*	*
Fanö ...	30.18	+.31	35	32	-.6	*	*	N	7	*	*	*	?	*	*
Cuxhaven ...	30.26	+.35	37	36	-.6	42	?	N	5	5	NNW	5	hs	0.06	?
Sumburgh Head															
Stornoway (Hebrides)	30.07f	+.19	40	40	+.7	40	28	WSW	2	5	NN	10	sd	0.18	4
Thurso ...	30.05f	+.26	37	36	+.3	38	29	SSW	2	7	NN	8	so	0.15	3
Wick ...	30.08f	+.28	39	37	+.7	39	28	N	3	6	NNE	10	o	0.14	1
Nairn ...	30.13f	+.24	37	36	+.2	37	30	N	1	4	NN	8	ps	0.11	2
Aberdeen 8 am	30.17N	+.29	32	31	-.4	39	29	SSW	1	6	NN	8	ps	0.01	1
Leith ... 8 am	30.25N	+.26	40	39	+.3	43	32	N	3	3	N	6	bc	-	*
Shields ... 8 am	30.35N	+.31	37	36	-.2	41	32	WSW	2	5	NNN	4	br	-	2
York ...	30.43N	+.33	34	32	-.7	45	29	S	1	2	NN	6	c	-	8
Scarborough 10 am	30.38N	+.33	35	34	-.4	41	29	WSW	3	4	NN	1	b	-	3
Nottingham ...	30.48N	+.34	31	31	-.10	44	29	S	1	3	NNN	7	cm	-	*
Ardrossan ...	30.32S	+.26	44	42	+.4	44	33	SW	3	6	NNN	8	so	0.05	3
Greencastle 8 am	30.36S	+.22	41	40	+.3	49	36	WSW	4	5	NN	10	so	0.13	2
Donaghadee ...	30.36N	+.25	38	37	+.2	45	34	N	5	5	N	6	bc	-	2
Kingstown ...	30.48N	+.28	41	39	-.1	45	35	N	4	6	NNN	4	bc	-	2
Holyhead ...	30.44N	+.31	43	42	0	44	42	WSW	2	5	NN	5	c	-	2
Liverpool (Bidston Obs.)	30.46N	+.32	41	39	0	43	36	WSW	3	6	N	10	so	0.03	3
Valencia ...	30.60N	+.24	45	43	+.2	49	42	NNN	3	4	N	7	cp	0.02	3
Roche's Point ...	30.59N	+.30	42	40	0	45	37	NNN	2	4	NNN	3	b	-	3
Pembroke ...	30.55N	+.34	44	41	+.4	44	39	NN	3	4	NNN	4	so	0.04	2
Portishead ...	30.53N	+.36	38	37	-.6	45	37	NN	2	4	N	6	cm	0.18	1
Scilly ...	30.58N	+.33	45	41	-.6	51	44	NNN	4	6	NNE	7	c	0.06	4
Plymouth ...	30.57N	+.33	35	35	-.15	52	32	Z	0	3	N	3	br	0.03	*
Portsmouth 8-30 am	30.55N	+.37	36	35	-.14	51	34	N	1	5	SW	5	c	0.03	*
Dover ...	30.49N	+.33	33	32	-.16	50	31	NNN	4	4	NNN	3	db	0.14	*
London ...	30.54N	+.42	33	31	-.18	51	28	WSW	2	2	NN	2	so	0.19	*
Oxford ...	30.54	+.40	30	32	-.10	43	30	Z	0	3	NN	10	so	0.21	*
Cambridge ...	30.51N	+.38	29	28	-.13	44	28	N	1	1	NN	1	cb	0.13	*
Yarmouth ...	30.48N	+.34	33	32	-.9	43	30	NNN	2	3	NNN	3	br	0.02	*
Helder ...			*	*	*	*	*				*	*	*	*	*
Cape Gris Nez ...	30.48N	+.30	37	35	-.12	50	36	NNE	4	7	NNE	5	so	0.16	*
Brest ...	30.59N	+.16	40	40	-.11	54	37	NE	3	5	NE	10	so	0.08	*
L'Orient ...	?		39	37	-.9	55	38	NNE	3	7	N	6	so	0.08	*
Rochefort ...	30.41N	-.11	43	39	-.2	50	40	NE	7	3	WSW	10	o	-	*
Biarritz ...	30.39f	-.13	45	45	-.2	50	43	SE	4	3	NE	9	fo	-	*
Corunna ...	30.52		46	*	*	*	*	NE	3	*	*	*	b	*	*
Brussels ...	30.45	+.30	37	*	+.12	*	*	SSW	3	*	*	*	c	*	*
Charleville ...	30.43	+.10	34	*	-.10	*	*	SW	3	*	*	*	b	*	*
Paris ...	30.49N	+.17	36	?	-.12	52	36	N	3	?	?	3	-f	0.04	*
Lyons ...	?		46	*	-.2	*	*	N	3	*	*	*	c	*	*
Toulon ...	30.06f	-.20	45	40	-.1	52	43	NN	1	1	NN	?	o	-	*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.79	32	30	?N	4	*	c	3	Valencia ...	30.48	46	41	N	3	2
Thurso ...	29.93	36	33	NNE	6	7	pyc	5	Scilly ...	30.35	45	44	NNE	6	7
Scarborough...	30.09	41	38	NN	4	1	b	4	London ...	30.21	44	42	NN	2	10
Greencastle ...	30.26	41	39	NN	5	3	b	*	Rochefort ...	30.49	48	46	SW	3	10
Holyhead ...	30.26	43	40	NN	5	4	c	4							

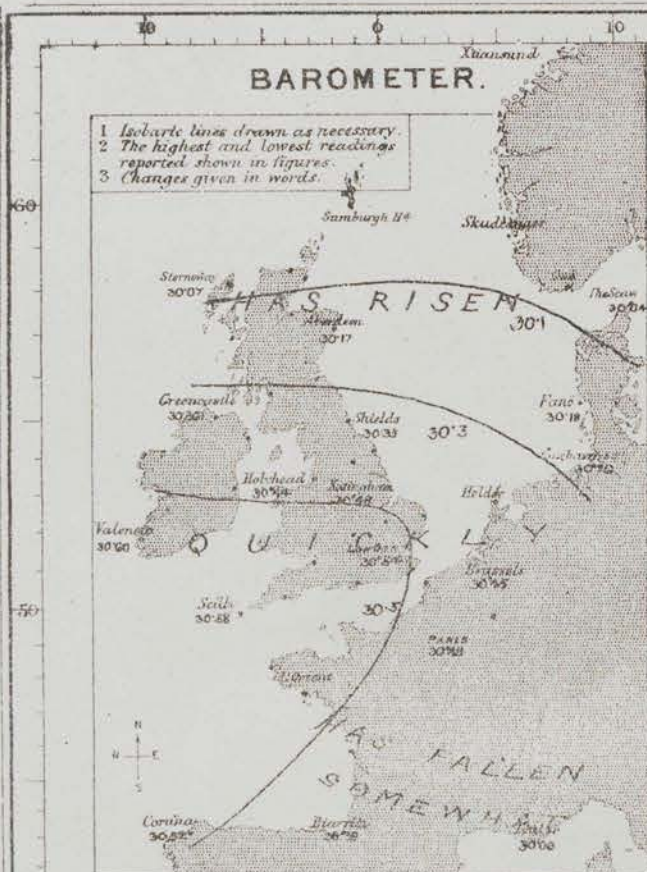
Pressure is increasing throughout our Islands but has decreased a little at Rochefort. The wind has been to NNE at Thurso and Scilly and to NN in the E of England but SW at Rochefort. The sky has become much clearer except in the S.

EXPLANATION OF COLUMNS.

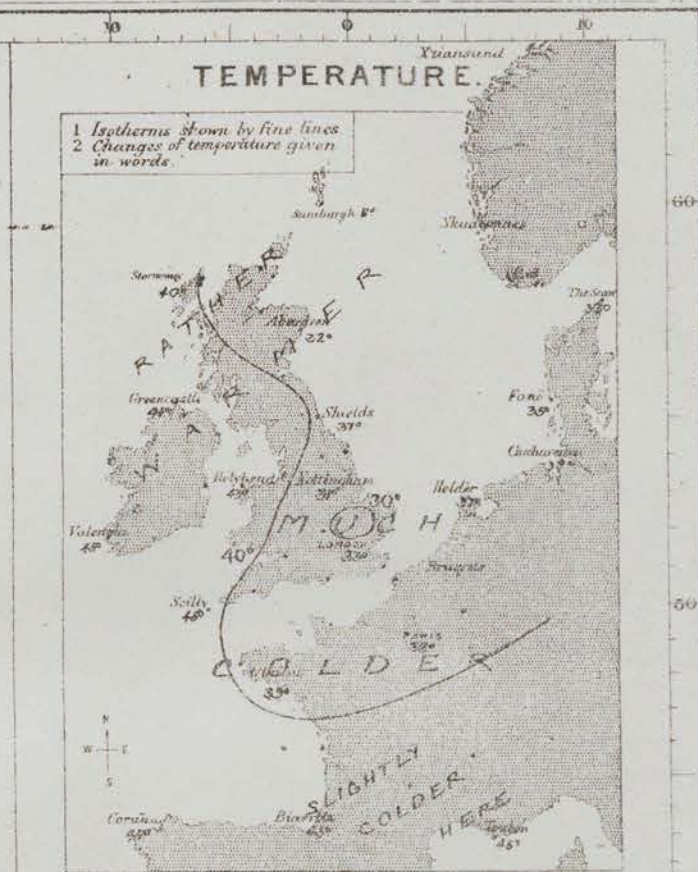
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. m.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

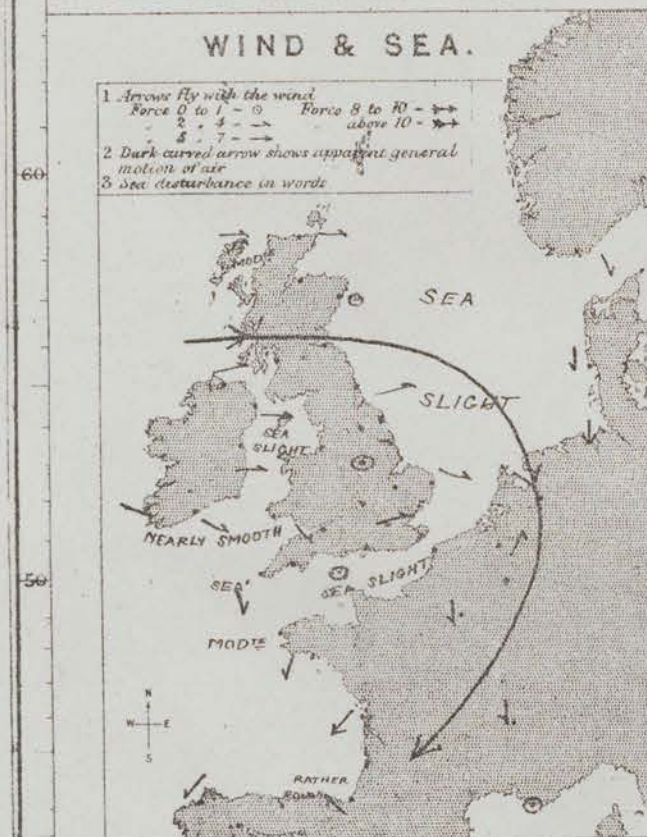
SUNDAY 25TH JANUARY 1874 AT 8 A.M.



Barometrical pressure has increased considerably during the past 24 hours except in France, where a slight fall is shown. The change has been greatest at our southern stations. An area of high pressure now lies over our south-west coast. The gradient from Looe to Oxi is 0.05 in. per 50 miles.

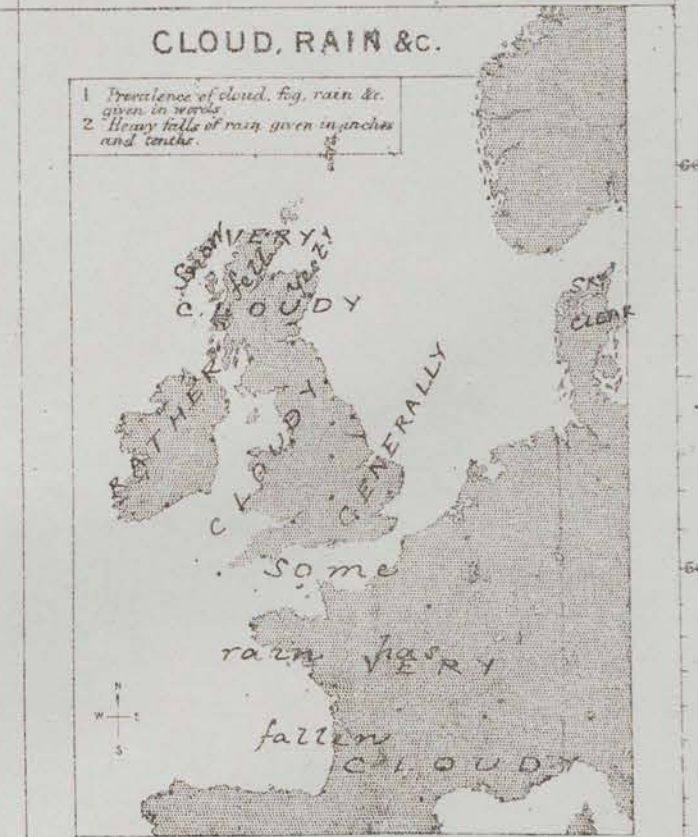


Temperature has risen a little in the west and north of our Islands, but fallen fast elsewhere.



The wind circulates round the area of high pressure being W on all our northern coasts, N on the eastern shores of the North Sea, and driving round to NE over France. It is light to moderate in force.

The sea is slight.



Some snow has fallen in Scotland, and a little rain in the south. The sky is very cloudy in the north of our Islands and in France, but moderately clear over England.

*Subscriptions for these Charts payable in advance
to cover delivery*

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

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

Vincent Brooks Day & Son Ltd. London W.C.

Mon- day 8 a.m.

WEATHER REPORT.

Jan. 26th 1874.

STATIONS.	BAROMETER		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall In past 24 hours.	Remarks
	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 ...	28.80	-.22	21	21	0	*	*	SE	6	4	SE	*	0	*	*
Hernösand ...	28.71	-.79	32	31	+3	*	*	SH	6	6	N	*	60	*	*
Stockholm ...	29.14	-.67	39	37	+13	*	*	SH	10	6	N	*	60	*	*
Wisby ...	29.62	-.27	37	35	+6	*	*	SH	8	8	NN	*	60	*	*
Christiansund ...	28.80		40	36		*	*	SH	10	6	SSH	*	N	*	8
Skudesnaes ...	29.40		44	44		*	*	N	9	6	SSH	*	0	*	7
Oxö (Xtiansand) ...	29.41	-.68	45	44	+16	*	*	SSH	8	8	?	*	SSH	*	5
Skagen (The Skaw) ...	29.48	-.56	44	42	+11	*	*	NNN	10	*	*	*	N	*	*
Fanö ...	29.92	-.16	42	42	+7	*	*	NNN	8	*	*	*	N	*	*
Cuxhaven ...	30.17 f	-.09	40	39	+3	?	33	NNN	7	4	NNN	9	50	0.02	?
Sumburgh Head															
Stornoway (Hebrides) ...	29.88 f	-.19	46	44	+6	49	39	NNN	4	7	NNN	10	29	0.18	5
Thurso ...	29.65 f	-.26	47	43	+10	51	36	NNN	7	7	NNN	3	00	0.09	4
Wick ...	29.72 f	-.36	45	43	+6	50	32	N	5	8	N	5	0	-	2
Nairn ...	29.84 f	-.29	49	45	+12	51	37	N	6	6	NNN	4	00	-	3
Aberdeen ...	29.84 f	-.33	53	48	+21	54	32	NNN	6	6	NNN	4	00	-	2
Leith ...	30.01 f	-.14	50	48	+10	51	39	N	5	6	N	8	00	-	*
Shields ...	30.05 f	-.00	48	46	+11	48	36	NNN	5	7	NNN	8	0	-	3
York ...	30.28 f	-.15	47	45	+13	48	38	N	3	4	N	6	0	-	*
Scarborough ...	30.18 f	-.20	45	44	+10	46	35	NNN	5	4	NNN	10	00	-	4
Nottingham ...	30.34 f	-.14	40	41	+12	45	30	SSH	3	4	SSH	6	00	-	*
Ardrossan ...	30.12 f	-.20	52	48	+8	52	?	NNN	7	8	NNN	6	00	0.04	4
Greencastle ...	30.26 f	-.10	49	48	+8	49	40	N	5	6	N	10	0	0.06	*
Donaghadee ...	30.27 f	-.09	49	47	+11	49	38	N	6	6	N	8	0	-	3
Kingstown ...	30.39 f	-.09	49	47	+8	50	38	N	5	5	N	6	0	-	4
Holyhead ...	30.27 f	-.07	47	46	+4	49	42	SH	2	2	SH	7	mg	-	1
Liverpool (Bidston Obs.) ...	30.37 f	-.09	46	44	+5	47	40	NNN	3	4	NNN	10	0	-	2
Valencia ...	30.54 f	-.04	53	50	+5	53	40	N	3	4	NNN	9	pf	0.08	4
Roche's Point ...	30.51 f	-.08	46	45	+4	47	42	N	1	3	N	7	0	-	2
Pembroke ...	30.51 f	-.04	47	46	+2	47	44	N	4	4	N	4	00	-	3
Portishead ...	30.49 f	-.04	45	44	+7	47	38	N	4	4	SSH	7	00	-	3
Scilly ...	30.60 f	+.02	46	45	+1	47	44	NNN	4	4	NNN	6	0	-	4
Plymouth ...	30.59 f	+.02	42	42	+7	44	32	L	0	1	N	2	0	-	*
Portsmouth ...	30.52 f	+.02	44	42	+8	44	35	N	1	2	N	5	0	-	1
Dover ...	30.51 f	+.02	39	38	+6	41	31	NNN	3	3	NNN	3	0	-	3
London ...	30.48 f	+.06	41	39	+8	46	33	NNN	2	3	NNN	4	00	-	*
Oxford ...	30.47	-.07	40	39	+7	44	30	SH	1	2	N	2	00	0.02	*
Cambridge ...	30.36 f	-.16	38	37	+9	42	28	SH	2	1	SH	4	00	-	*
Yarmouth ...	30.27 f	-.11	37	36	+4	39	32	NNN	3	3	NNN	3	00	-	2
Helder ...	30.29		43	*		*	*	NNN	?	*	*	*	*	-	4
Cape Gris Nez ...	30.50 f	+.02	46	41	+8	?	37	N	5	4	NNE	7	00	-	4
Brest ...	30.69 f	+.10	42	41	+3	48	37	NE	1	4	NNE	1	00	-	2
L'Orient ...	?		37	37	-2	50	36	E	1	3	NNE	1	00	-	2
Rochefort ...	30.64 f	+.23	34	32	-9	49	38	N	5	7	N	0	0	-	3
Biarritz ...	30.53 f	+.14	34	32	-11	49	31	E	1	4	N	10	00	0.16	6
Corunna ...			*	*		*	*				*	*	*	-	*
Brussels ...	30.53	+.08	35	*	-2	*	*	N	3	*	*	*	0	-	*
Charleville ...	30.67	+.24	27	*	-7	*	*	SW	3	*	*	*	0	-	*
Paris ...	30.62 f	+.10	31	?	-5	49	31	N	1	5	NNE	0	00	-	*
Lyons ...	?		39	*	-7	*	*	N	3	*	*	*	0	-	*
Toulon ...	30.32 f	+.26	48	46	+3	52	44	E	3	4	E	8	00	-	4

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

Bar.	Dry.	Wet.	Wind.	Cl.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	Cl.	Wen.
Skudesnaes ...	30.01	41	39	SSH	6	*	Valencia ...					
Thurso ...							Scilly ...					
Scarborough ...						*	London ...					
Greencastle ...							Rochefort ...	30.49	46	41	NNE	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. dark, gloomy; h. hail; l. light 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. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

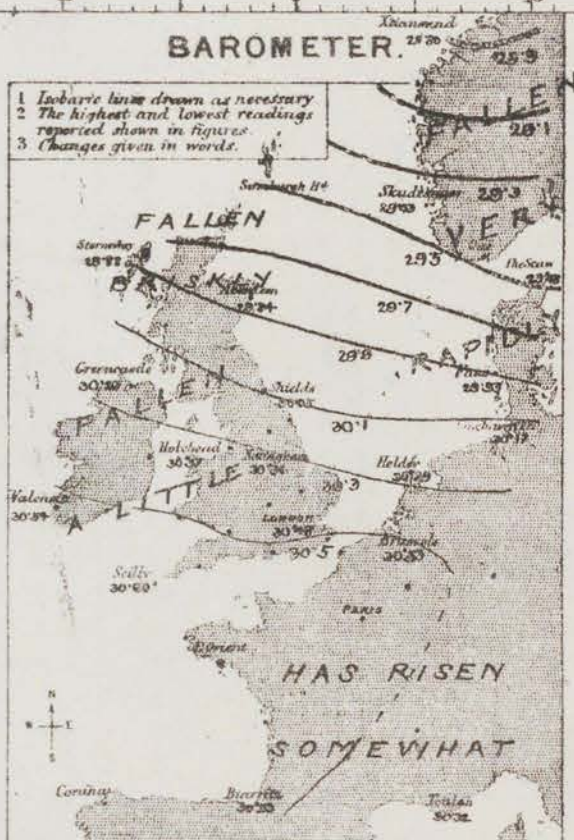
WEATHER CHARTS

AND REMARKS FOR

MONDAY 26TH JANUARY 1874 AT 8 A.M.

BAROMETER.

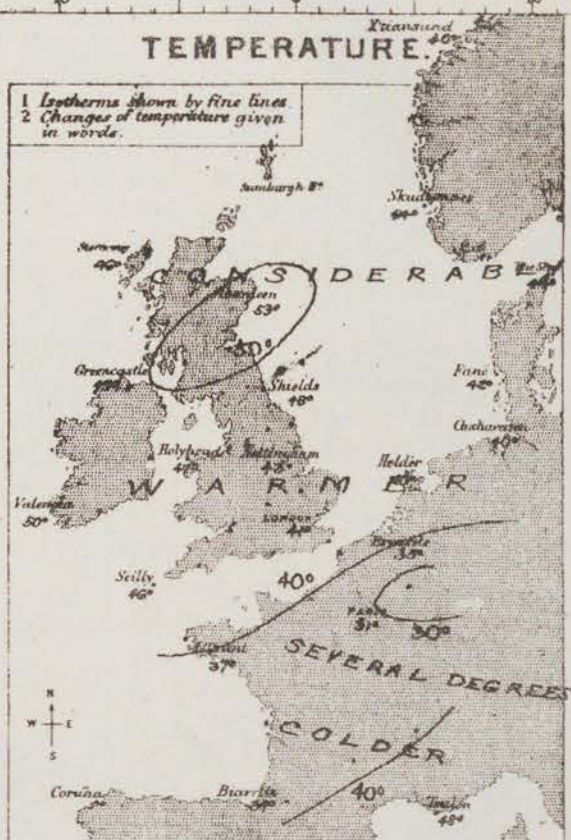
- 1 Isobars line drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



Yesterday afternoon the barometer had begun to fall briskly on our north and north-west coasts, while in the south it continued to rise; and during the night a large and deep depression has advanced from the west to the Portuguese coast, where the mercury has fallen rapidly. Gradients for W. winds are now steep, that from Scilly to Leith being 0.08 in., while that from Scarborough to Christiansund is 0.12 in. per 50 miles.

TEMPERATURE.

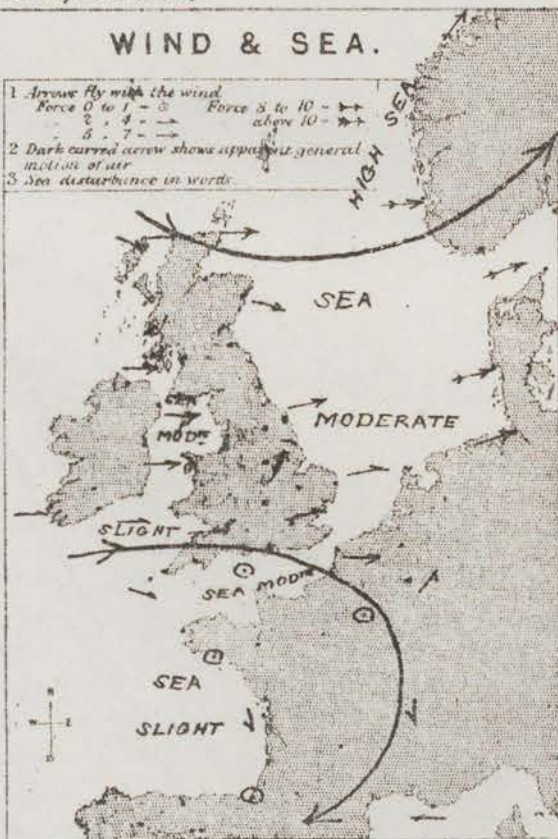
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen quickly at all but the French stations. At Aberdeen it is 21° higher than it was yesterday.

WIND & SEA.

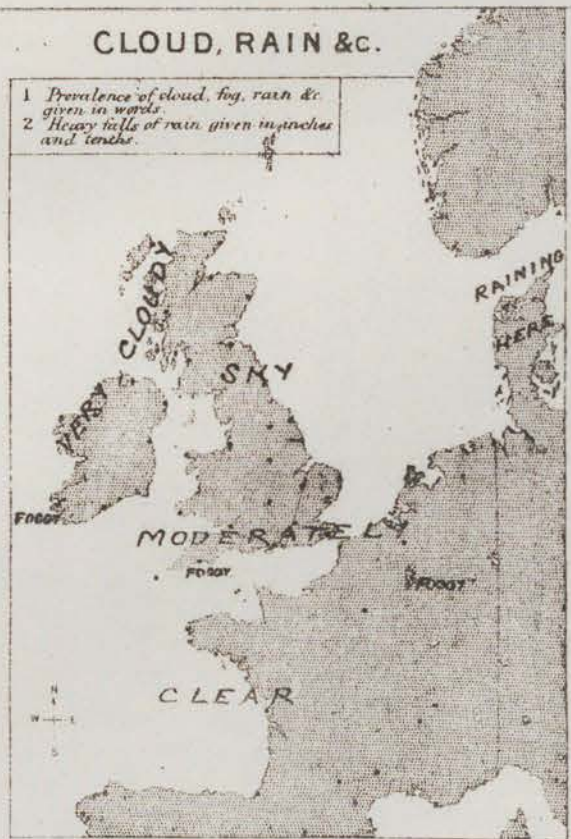
- 1 Arrows fly with the wind
Force 0 to 1 - Force 8 to 10 -
2 Dark curved arrow shows apparent general motion of air
3 Sea disturbance in words.



The wind rose to a moderate gale from W. in Scotland during the night, and is still rather strong there, while strong W. gales have set in on the eastern shores of the North Sea. In Ireland and England the wind is moderate from W., while in France it is light between N. and E. The sea is high on the Norwegian coast, slight around our Islands.

CLOUD, RAIN & C.

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



A little rain has fallen at some of our northern and northwestern stations, where the sky is very cloudy. On our other coasts and in France the weather is generally fine at present, but rain falls in Norway and Denmark.

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.

Tues - day 8 a.m.

WEATHER REPORT.

Jan. 27th 1874.

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 2 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extrema.						
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.					
Haparanda ...						*	*						*		*	*
Hernösand ...						*	*						*		*	*
Stockholm ...						*	*						*		*	*
Wisby ...						*	*						*		*	*
Christiansund ...	29.62	+33	26	27	-12	*	*	NN	9	9	NNN	*	os	*	*	8
Skudesnaes ...	29.94	+51	37	33	-7	*	*	NN	8	10	NNN	*	c	*	*	7
Oxö (Xtiansand)	29.76	+35	37	32	-8	*	*	NNN	4	6	NN	*	st	*	*	3
Skagen (The Skaw)	29.59	+11	40	36	-4	*	*	NN	10	*	*	*	b	*	*	*
Fanö ...	29.87	-06	40	36	-2	*	*	NNN	8	*	*	*	b	*	*	*
Cuxhaven ...	29.95N	-22	42	39	+2	?	37	NNN	10	10	NSE	?	o	-	?	?
Sumburgh Head																
Stornoway (He- brides)	30.33N	+45	41	40	-5	49	38	N	1	6	N	9	po	0.09		3
Thurso...	30.20N	+55	43	41	-4	47	39	NNN	5	8	NNN	8	po	0.14		5
Wick ...	30.24N	+52	41	39	-4	46	36	NN	3	8	NN	6	c	0.04		1
Nairn ...	30.34N	+50	42	41	-7	49	42	N	2	6	N	10	co	0.02		1
Aberdeen ...	30.30N	+46	43	39	-10	54	41	NN	2	9	NNN	9	go	-		2
Leith ...	30.29N	+38	41	40	-9	58	40	N	3	4	N	3	cb	-		*
Shields...	30.39N	+34	40	39	-8	50	39	NNN	3	6	NNN	5	cb	-		2
York ...	30.43N	+15	41	39	-6	51	39	NNN	1	4	NNN	1	ob	-		*
Scarborough ...	30.40N	+22	39	38	-6	49	39	NN	2	4	N	3	ob	-		3
Nottingham ...	30.46N	+12	41	37	-2	55	41	S	1	6	N	0	cm	-		*
Ardrossan ...	30.45N	+33	46	43	-6	52	46	NNN	3	7	NNN	4	c	-		2
Greencastle ...	30.51N	+25	43	42	-6	50	42	NNN	2	5	N	7	gc	0.05		*
Donaghadee ...	30.49N	+22	41	40	-8	51	40	N	2	6	N	3	cb	-		1
Kingstown ...	30.55N	+16	49	48	0	53	47	NNN	3	6	N	9	mv	0.01		3
Holyhead ...	30.49N	+12	47	46	0	51	42	Z	0	3	NSE	7	m	-		1
Liverpool (Bidston Obs.)	30.49N	+12	44	43	-2	50	43	N	4	7	NSE	5	ov	0.03		3
Valencia ...	30.68N	+14	51	50	+1	53	48	N	3	3	NNN	9	go	0.05		4
Roche's Point...	30.61N	+10	50	49	+4	53	46	NNN	2	3	NNN	8	co	-		3
Pembroke ...	30.55N	+04	49	48	+2	49	46	NN	7	4	NNN	4	cm	-		2
Portishead ...	30.47N	-02	47	46	+2	50	32	NNN	3	5	N	6	ov	-		3
Scilly ...	30.60N	00	50	49	+4	50	45	NN	4	5	N	6	ofc	0.03		4
Plymouth ...	30.53N	-06	47	47	+5	48	37	NN	1	2	NN	10	mf	-		*
Portsmouth ...	30.49N	-04	48	47	+4	48	42	NN	1	5	N	4	c	-		1
Dover ...	30.41N	-10	48	46	+9	50	37	N	4	4	N	3	cb	-		3
London ...	30.45N	-03	49	46	+8	49	41	NN	2	3	N	3	aof	-		*
Oxford...	30.49	+02	47	45	+7	50	40	NN	1	4	NN	7	ov	-		*
Cambridge ...	30.46N	+11	43	41	+5	50	37	NN	1	2	SN	3	cb	-		*
Yarmouth ...	30.41N	+04	41	40	+4	48	36	NN	3	4	NNN	4	cm	0.01		3
Helder ...	30.25	-04	44	*	+1	*	*	NN	7	*	*	*	*	*		4
Cape Gris Nez...	30.41S	-09	48	46	+3	?	43	N	5	7	N	8	o	-		4
Brest ...	30.62S	-07	47	47	+4	51	40	N	3	3	N	10	f	-		2
L'Orient ...	?		46	46	+9	50	35	NNN	3	1	N	10	of	-		2
Rochefort ...	30.67N	+03	34	32	0	49	32	NNE	3	5	NE	0	b	-		3
Biarritz ...	30.60N	+07	39	37	+5	43	34	S	3	3	NE	9	o	-		3
Corunna ...			*	*		*	*				*	*	*	*		*
Brussels ...	30.34	-19	48	*	+13	*	*	NN	6	*	*	*	o	*		*
Charleville ...	30.41	-26	42	*	+15	*	*	SW	3	*	*	*	o	*		*
Paris ...	30.50f	-12	44	?	+13	?	31	N	1	3	N	10	on	-		*
Lyons ...	?		37	*	-2	*	*	NE	3	*	*	*	b	*		*
Toulon...	30.21f	-11	40	36	-8	54	39	NN	5	4	SE	?	o	-		5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	29.39	43	9	N	10	*	c	7	Valencia ...	30.56	51	50	N	5	c
Thurso ...	29.77	45	42	NNN	8	7	pg	6	Scilly ...	30.58	49	48	N	5	df
Scarborough...	30.15	49	47	N	5	10	o	3	London ...	30.41	47	46	NSE	3	cy
Greencastle ...	30.27	50	50	N	5	10	g	*	Rochefort ...	30.68	46	41	NE	4	b
Holyhead ...	30.37	51	49	?N	3	4	c	2							

Pressure has continued to decrease in the E. and S. but has risen briskly in the N. The wind is increasing from N at the Scotch stations with squally weather at Liverpool. In London the sky has become overcast with a rain appearance.

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 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. we.

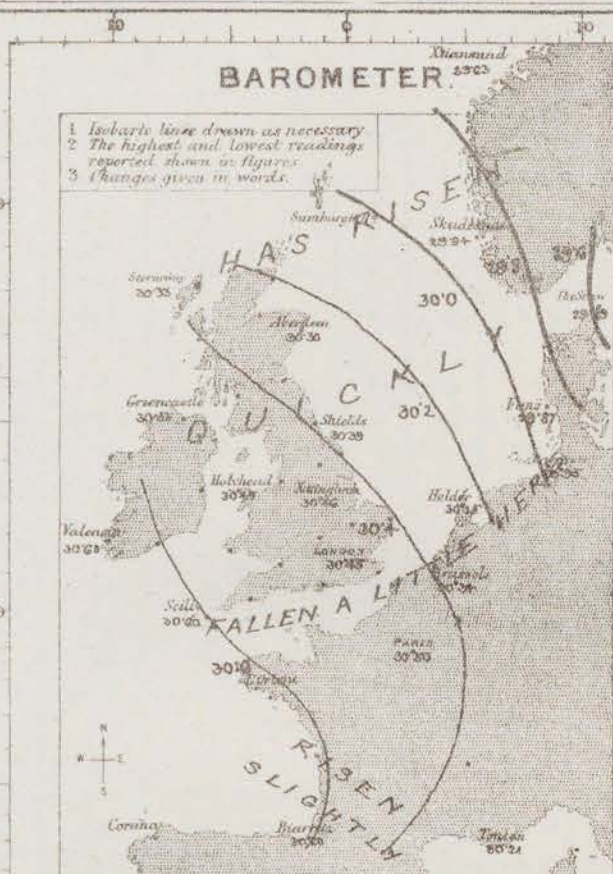
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

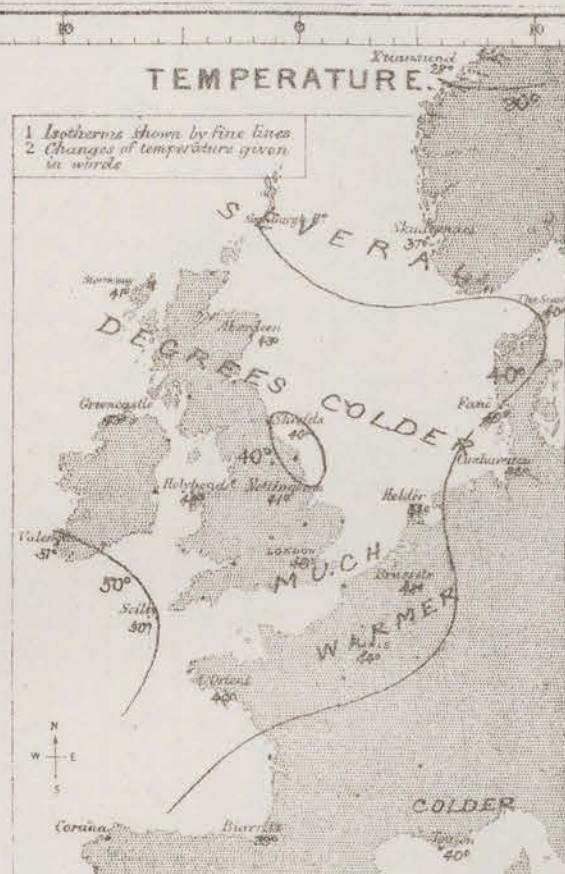
WEATHER CHARTS

AND REMARKS FOR

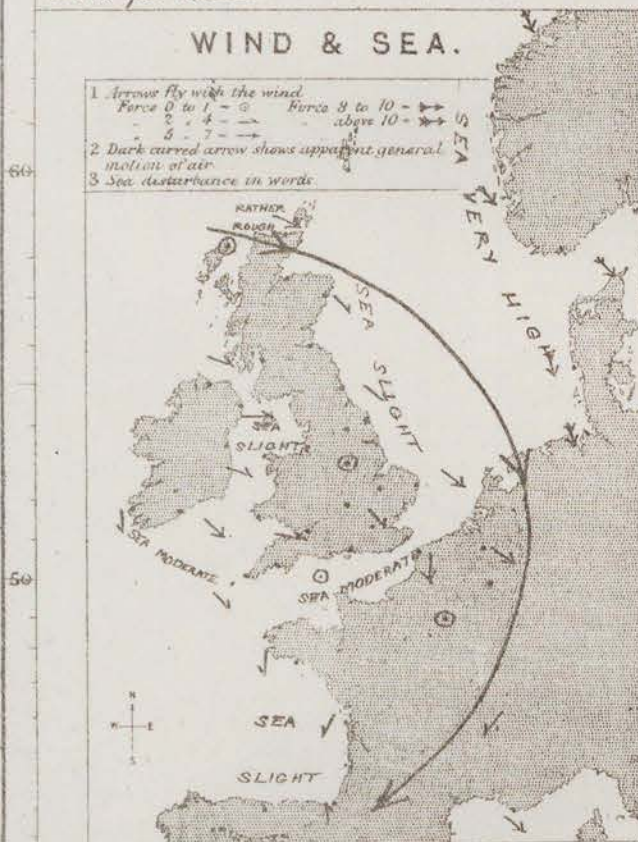
TUESDAY 27th JANUARY 1874 AT 8 A.M.



During the past 24 hours the barometer has risen throughout the British Islands and Norway but fallen in the Netherlands as well as in the east and south of France. The highest readings now lie over the Bay of Biscay and our most southerly stations; and while the gradient from Scilly to Scarborough is only 0.03 in. that from Aberdeen to Skuddehavn is 0.07 in.; and from the Elder to Aarhus 0.10 in. per 50 miles.



Temperature has fallen considerably at the N. stations and in Denmark, but risen in the south and south-east.



The wind increased to a fresh gale from WNW in the north-east of Scotland yesterday, and had W. gales (unaccompanied) on the eastern shore of the North Sea, veering to NW during the night. In our Islands the wind is now generally light from NW, driving into N. and NNE. in the west of France.

The sea is very high on the eastern shore of the German Ocean.



Some rain has fallen in the north and north-west, snow in Norway. The sky is rather cloudy generally, with fog in the south-west.

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Meteorological Office
116, Victoria St. Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.

Wednesday - day 8 a.m.

WEATHER REPORT.

Jan. 23rd 1874.

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.		Changes 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	+ .98	18	?	0	*	*	NN	4	4	N	*	L	*	*
Hernösand ...	30.01	+ .12	26	25	-7	*	*	NN	2	?	?	*	L	*	*
Stockholm ...	29.86	+ .87	28	24	-6	*	*	N	6	10	N	*	C	*	*
Wisby ...	29.89	+ .69	33	32	-5	*	*	N	8	2	N	*	Cb	*	*
Christiansund ...	30.19	+ .56	33	32	+5	*	*	SH	6	8	NN	*	Co	*	7
Skudesnaes ...	30.36	+ .42	33	29	-4	*	*	N	2	6	NNN	*	Co	*	3
Oxö (X'hamand)	30.27	+ .51	33	28	-4	*	*	NN	2	4	NN	*	St	*	2
Skagen (Skaw)	30.19	+ .60	37	32	-3	*	*	NNE	8	*	*	*	C	*	*
Fanö ...	30.30	+ .43	33	32	-7	*	*	NN	2	*	*	*	C	*	*
Cuxhaven ...	30.32	+ .37	38	33	-4	?	32	NE	4	6	NN	3	St	-	?
Sumburgh Head															
Stornoway (Ho- brides.)	30.39f	+ .06	45	45	+4	47	36	N	2	2	N	10	d	0.05	2
Thurso...	30.33f	+ .13	46	45	+3	46	42	N	2	5	NNN	9	dfg	0.11	3
Wick ...	30.34f	+ .10	44	43	+3	45	39	N	2	3	NN	10	S	0.13	0
Nairn ...	30.39f	+ .05	45	43	+3	48	42	NNN	2	2	NN	2	St	-	2
Aberdeen ...	30.41	+ .71	42	40	-1	47	41	N	1	2	NN	0	Stm	0.04	1
Leith ...	30.49f	+ .10	45	43	+4	50	39	N	2	3	N	3	Cb	-	*
Shields...	30.49	+ .10	44	43	+4	46	40	N	4	4	NNN	9	Co	-	2
York ...	30.53	+ .10	45	44	+4	50	39	NNN	1	2	NNN	8	Co	-	*
Scarborough ...	30.49	+ .09	46	44	+7	46	39	NNN	1	3	NN	9	Co	-	3
Nottingham ...	30.54	+ .08	46	44	+5	49	40	N	1	3	N	4	bm	-	*
Ardrossan ...	30.54	+ .09	48	46	+2	49	46	NNN	3	4	NNN	7	C	-	2
Greencastle ...	30.58f	+ .07	46	45	+3	49	42	N	1	5	NNN	10	g	0.02	*
Donaghadee ...	30.58s	+ .09	40	39	-1	49	40	N	2	3	N	10	Co	-	1
Kingstown ...	30.66	+ .11	47	45	-2	52	45	NNN	4	5	NNN	10	m	-	3
Holyhead ...	30.59	+ .10	47	46	0	50	45	NNN	2	2	NNN	7	C	-	1
Liverpool (Bidston Obs.)	30.57	+ .08	44	43	0	47	44	NNN	3	5	N	10	Co	-	2
Valencia ...	30.70f	+ .02	48	46	-3	52	45	N	3	3	NNN	9	gr	-	3
Roche's Point...	30.66f	+ .05	46	44	-4	53	45	N	3	4	N	9	Co	-	3
Pembroke ...	30.64	+ .09	47	44	-2	50	46	NNN	1	3	N	10	mr	0.01	0
Portishead ...	30.59	+ .12	47	45	0	50	42	NNN	1	2	NNN	9	Co	-	1
Scilly ...	30.64	+ .04	49	48	-1	51	48	NNE	4	5	NNE	8	Co	-	3
Plymouth ...	30.61	+ .08	46	46	-1	54	44	N	3	6	N	1	cm	-	*
Portsmouth ...	30.58	+ .09	46	45	-2	50	39	N	1	2	NN	8	Co	-	1
Dover ...	30.54	+ .13	43	42	-5	49	39	N	3	3	?NN	6	bg	-	3
London ...	30.56	+ .11	43	42	-6	50	37	Z	0	2	NN	10	Cb d	-	*
Oxford...	30.58	+ .09	45	44	-2	49	40	NN	1	3	NN	10	cm	-	*
Cambridge ...	30.55	+ .09	44	44	+1	48	38	NN	1	1	NN	10	bd	-	*
Yarmouth ...	30.52	+ .11	42	42	+1	47	37	NN	2	3	NN	8	bf	-	4
Helder...	30.42	+ .17	42	*	-2	*	*	N	6	*	*	*	*	*	2
Cape Gris Nez...	30.51	+ .10	43	41	-5	49	42	N	4	5	N	8	Co	-	3
Brest ...	30.62f	.00	45	45	-2	54	44	NNE	3	4	N	0	L	-	2
L'Orient ...	?		44	44	-2	56	42	NE	1	1	N	2	St	-	1
Rochefort ...															
Biarritz ...	30.50f	- .10	42	40	+3	45	38	E	3	4	N	10	Co	-	4
Corunna ...			*	*	*	*	*		*	*	*	*	*	*	*
Brussels ...	30.41	+ .07	43	*	-5	*	*	NE	3	*	*	*	St	*	*
Charleville ...	?30.52	+ .11	40	*	-2	*	*	?	6	*	*	*	C	*	*
Paris ...	?30.52	+ .02	39	?	-5	53	38	N	3	4	NN	0	bm	-	*
Lyons ...	?		43	*	+6	*	*	N	3	*	*	*	L	*	*
Toulon...															

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

	Bar	Dry.	Wet.	Wind	C.	Wen.	Sea.		Bar	Dry.	Wet.	Wind	C.	Wen.		
Skudesnaes ...	29.97	35	33	nn	10	*	c	7	Valencia ...	30.73	51	49	nnn	3	8	g
Thurso ...	30.29	45	43	nnn	4	7	fg	4	Scilly ...	30.63	51	51	nnn	5	9	cm
Scarborough...	30.44	45	42	nn	2	3	b	3	London ...	30.52	48	45	nn	1	5	c
Greencastle ...	30.55	49	49	nnn	5	9	o	*	Rochefort ...	30.70	44	40	nsn	3	10	f
Holyhead ...	30.58	47	46	nnn	2	7	c	1								

Pressure continues to increase generally. The wind at Rochefort has shifted to N.E., with foggy weather.

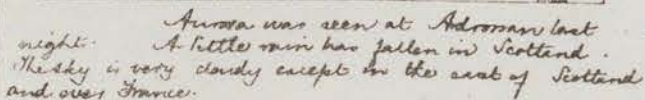
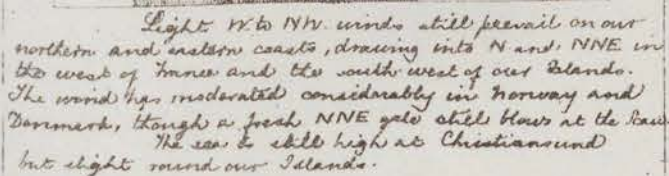
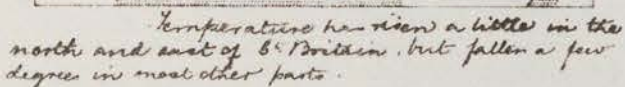
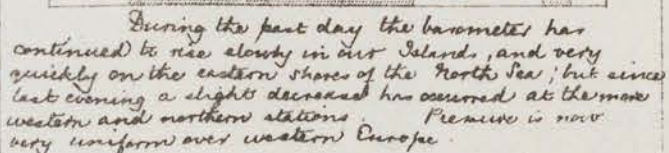
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BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 24 hours. **EXTREME WIND.**—The wind experienced in past 24 hours. **WEATHER.**—See Fort Scale is, b. blue sky; c. detached clouds; d. drizzling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

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

WEDNESDAY 28TH JANUARY 1874 AT 8 A.M.



Vincent Brooks Day & Son Ltd London W

Thurs - day 8 a.m.

WEATHER REPORT.

Jan'y. 29th 1874.

STATIONS.	BAROMETER		THERMOMETERS. (In shade).					WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disur- 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.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	29.39	-32	28	?	+10	*	*	SW	?	?	?	*	?	*	*
Hernösand ...	29.68	-33	33	-32	+7	*	*	SW	2	0	Z	*	oc	*	*
Stockholm ...	29.88	+02	29	26	+1	*	*	SW	4	2	WSW	*	oc	*	*
Wisby ...	29.31	-58	31	30	-2	*	*	SW	2	4	N	*	bc	*	*
Christiansund ...	29.67	-52	44	41	+11	*	*	WSW	8	10	SW	*	bc	*	8
Skudesnaes ...						*	*					*		*	
Oxö (X'tiansand)	29.97	-30	42	40	+9	*	*	WSW	6	4	SW	*	cb	*	3
Skagen (The Skaw)	29.97	-22	41	39	+4	*	*	NN	6	*	*	*	c	*	*
Fanö ...	30.17	-13	42	41	+9	*	*	N	6	*	*	*	c	*	*
Cuxhaven ...	30.28f	-04	42	42	+4	?	36	N	3	3	NN	9	cf	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.96f	-43	46	44	+1	47	42	SW	6	6	SW	9	cu	0.01	5
Thurso...	29.94f	-39	41	40	-5	49	39	SW	1	3	N	2	bwm	0.01	2
Wick ...	29.99f	-35	43	41	-1	50	39	SW	1	2	N	4	bc	-	0
Nairn ...	30.04f	-35	46	43	+1	51	44	NNN	4	4	NNN	0	b	-	2
Aberdeen ...	30.05f	-36	37	35	-5	49	35	NNN	1	1	N	0	bom	-	1
Leith ...	30.24f	-25	45	44	0	52	43	N	3	3	N	8	bc	-	*
Shields...	30.25f	-24	42	40	-2	48	42	N	3	4	SSW	9	cu	-	3
York ...	30.33f	-20	42	40	-3	50	38	N	1	1	NNN	7	oc	-	*
Scarborough ...	30.28f	-21	36	36	-10	49	35	WSW	2	1	NN	5	ow	-	3
Nottingham ...	30.27f	-17	43	41	-3	49	40	N	1	3	N	5	wn	-	*
Ardrossan ...	30.27f	-27	46	43	-2	49	46	SW	3	3	NNN	8	co	-	3
Greencastle ...	30.26f	-32	45	44	-1	47	44	SW	5	5	SW	10	g	0.01	*
Donaghadee ...	30.33f	-25	43	42	+3	47	40	SW	4	4	SW	10	co	-	2
Kingstown ...	30.42f	-24	42	40	-5	49	42	N	3	4	NNN	6	gc	-	3
Holyhead ...	30.38f	-21	43	41	-4	49	42	SW	2	2	NNN	10	om	-	1
Liverpool (Bidston Obs.)	30.39f	-18	43	41	-1	46	43	N	2	3	NNN	10	c	-	2
Valencia ...	30.40f	-30	48	46	0	49	44	SW	4	3	SW	8	mg	0.04	3
Roche's Point ...	30.45f	-21	46	45	0	47	43	SW	2	3	NNN	9	c	-	3
Pembroke ...	30.45f	-19	44	42	-3	48	43	N	3	3	N	10	ov	-	2
Portishead ...	30.45f	-14	43	42	-4	49	40	N	1	1	NNN	10	og	-	1
Scilly ...	30.47f	-17	46	44	-3	49	44	SSW	1	4	NNE	8	wc	-	1
Plymouth ...	30.48f	-13	45	44	-1	51	43	Z	0	3	N	10	of	-	*
Portsmouth ...	30.45f	-13	45	43	-1	48	42	N	1	3	N	9	c	-	1
Dover ...	30.42f	-12	43	42	0	47	41	NNN	2	3	NNN	10	g	-	1
London ...	30.43f	-13	43	41	0	47	43	WSW	1	1	NN	10	f d c	0.03	*
Oxford...	30.43	-15	43	42	-2	48	42	WSW	1	1	NN	10	c	-	*
Cambridge ...	30.40f	-15	42	41	-2	49	38	N	1	1	N	10	do	0.02	*
Yarmouth ...	30.39f	-13	42	42	0	46	41	N	2	2	NN	10	fg	-	4
Helder ...	30.35	-07	43	*	+1	*	*	N	3	*	*	*	*	*	2
Cape Gris Nez...	30.45f	-06	44	42	+1	46	42	N	1	3	N	10	f	-	1
Brest ...	30.49f	-13	47	45	+2	51	42	E	1	4	ENE	10	c	-	0
L'Orient ...	?		43	43	-1	56	41	E	1	4	ENE	9	co	-	1
Rochefort ...	30.49f		37	35		51	32	NE	4	4	NE	0	b	-	3
Biarritz ...	30.37f	-13	36	34	-6	45	34	E	1	3	E	9	f	-	3
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	30.40	-01	42	*	-1	*	*	N	3	*	*	*	c	*	*
Charleville ...	? 30.52	00	?	*	?	*	*	SW	3	*	*	*	c	*	*
Paris ...	30.48f	-04	40	?	+1	46	39	SE	1	4	NNE	10	c	-	*
Lyons ...	?		41	*	-2	*	*	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.
Skudesnaes ...	30.26	36	32	?	4	*	o	Valencia ...	30.66	48	46	N	2	9
Thurso ...	30.26	48	47	N	2	7	e	Scilly ...	30.63	49	47	NNE	3	8
Scarborough...	30.47	48	46	NNN	1	10	o	London ...	30.55	47	46	NNN	1	10
Greencastle ...	30.53	47	46	NSW	2	10	g	Rochefort ...						
Holyhead ...	30.55	47	45	NNN	2	7	c							

The barometer continued to decrease slowly over our Islands most in the N. of Scotland. The wind has backed N. at Valencia elsewhere it is unchanged.

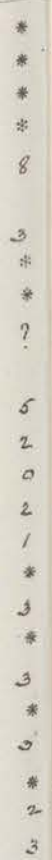
EXPLANATION OF COLUMNS.

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. light 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.

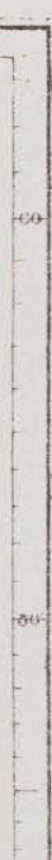
taken at 8 a.m.

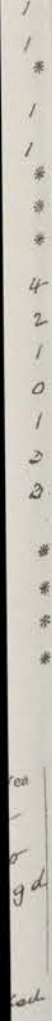
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

Sea
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ance
0 to 9.

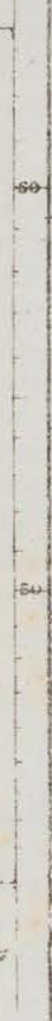


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Meteorological Office Vincent Breaks Day
116, Victoria Str.^t. Westminster. S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd London W.C.

Free - day 8 a.m.

WEATHER REPORT.

Jan. 30th 1874.

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 ...	28.78	-.61	30	29	+2	*	*	SW	6	6	SW	*	ob	*	*
Hernösand ...	29.17	-.51	36	35	+3	*	*	SW	4	0	Z	*	bo	*	*
Stockholm ...	29.33	-.55	39	37	+10	*	*	NSW	6	4	NSW	*	o	*	*
Wisby ...	29.73	+ .42	39	37	+8	*	*	SW	4	2	SW	*	re	*	*
Christiansund ...	20.32	-.35	31	31	...	*	*	SW	10	11	NSW	*	re	*	8
Skudesnaes ...	29.73		38	35		*	*	?	?	4	SSE	*	?	*	?
Oxö (X'tiansand)	29.76	-.21	?	?		*	*	?	?	6	W	*	?	*	?
Skagen (The Skaw)	29.68	-.29	41	37	0	*	*	SW	8	*	*	*	b	*	*
Fanö ...	29.95	-.22	41	40	-1	*	*	NNW	6	*	*	*	o	*	*
Cuxhaven ...	30.04 f	-.24	43	43	+1	?	40	NNW	6	5	W	9	ov	-	?
Sumburgh Head															
Stornoway (He- brides.)	30.14 N	+ .18	39	37	-7	47	34	W	5	7	SW	8	go	0.20	5
Thurso...	30.02 N	+ .08	40	36	-1	52	36	NN	6	8	NNN	8	p	0.35	5
Wick ...	30.01 N	+ .02	36	35	-7	51	33	NN	5	8	NN	7	co	0.07	2
Nairn ...	30.16 N	+ .12	39	37	-7	50	37	N	2	5	NNN	8	bo	0.04	1
Aberdeen ...	30.15 N	+ .10	39	35	+2	50	35	NNN	2	4	NNN	1	r	0.01	1
Leith ...	30.26 N	+ .02	39	39	-6	49	38	N	3	4	N	1	cb	-	*
Shields...	30.24 N	-.01	38	37	-4	47	37	N	3	6	NSW	7	c	-	3
York ...	30.37 N	+ .04	36	34	-6	48	35	N	1	3	N	0	ob	-	*
Scarborough	30.33 N	+ .05	35	34	-1	45	35	N	2	2	N	0	cb	-	2
Nottingham	30.42 N	+ .05	38	35	-5	45	37	NNN	1	3	NNN	10	gm	-	*
Ardrossan	30.35 N	+ .08	44	40	-2	48	43	NNN	3	6	SW	5	oe	0.06	2
Greencastle	30.41 N	+ .15	41	39	-4	47	40	NNN	3	5	NNN	8	go	0.05	*
Donaghadee	30.40 N	+ .07	39	37	-4	47	38	NSW	3	5	NSW	4	c	-	2
Kingstown	30.50 N	+ .08	43	39	+1	50	40	N	4	3	N	5	ov	-	3
Holyhead	30.44 N	+ .06	44	42	+1	48	42	NNN	4	6	NNN	6	c	-	3
Liverpool (Bidston Obs.)	30.44 N	+ .05	42	39	-1	47	41	NNN	3	6	N	9	o	-	3
Valencia	30.62 N	+ .22	44	42	-4	52	41	N	4	6	N	7	p	0.32	4
Roche's Point...	30.56 N	+ .11	43	40	-3	49	41	N	2	4	NNN	7	c	0.01	3
Pembroke	30.52 N	+ .07	43	38	-1	48	41	N	5	4	N	9	ov	-	2
Portishead	30.44 N	-.01	44	43	+1	47	41	NE	3	3	NN	7	go	-	2
Scilly ...	30.47 N	.00	48	46	+2	50	45	NE	5	5	NE	8	o	-	4
Plymouth	30.46 N	-.02	46	45	+1	47	43	NNE	2	2	NNE	10	fm	0.01	*
Portsmouth	30.43 N	-.02	45	42	0	45	41	NNE	3	4	NN	8	o	-	3
Dover ...	30.35 S	-.07	45	43	+2	46	40	NNE	4	3	N	7	g	-	2
London	30.39 N	-.04	44	38	+1	45	42	NNN	4	3	N	9	o	-	*
Oxford...	30.42	-.01	43	42	0	44	42	N	2	2	N	10	g	-	*
Cambridge	30.40 N	.00	40	37	-2	44	39	NN	1	1	NSW	9	o	-	*
Yarmouth	30.35 N	-.04	39	38	-3	43	38	NN	2	2	N	2	b	-	2
Helder ...	30.21	-.14	44	*	+1	*	*	NN	6	*	*	*	*	*	4
Cape Gris Nez...	30.34 S	-.11	44	42	0	46	41	NNN	4	4	NNN	10	o	-	3
Brest ...	30.46 f	-.03	46	44	-1	49	42	N	3	4	S	10	mo	-	2
L'Orient	?		44	44	+1	50	43	N	1	3	E	9	fo	-	1
Rochefort	30.42 N	-.07	39	32	+2	51	34	N	4	5	N	10	bo	-	3
Biarritz	30.32 N	-.05	41	39	+5	46	36	SW	4	3	NE	4	fo	-	0
Corunna			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	30.31	-.09	43	*	+1	*	*	N	3	*	*	*	ro	*	*
Charleville	? 30.39	-.13	37	*	?	*	*	NN	3	*	*	*	f	*	*
Paris ...	30.36 f	-.12	42	?	+2	43	40	N	3	3	SSW	10	o	-	*
Lyons ...	?		39	*	-2	*	*	N	3	*	*	*	b	*	*
Toulon...	30.13 f	-.04	45	40	+3	51	41	NE	3	4	SW	7	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 ...	29.91	41	44	S	6	*	f	3	Valencia ...	30.37	51	49	SW	N	4	p
Thurso ...	29.76	51	47	SW	4	2	b	0	Scilly ...	30.43	48	46	Z	0	8	o
Scarborough...	30.21	44	42	N	2	4	c	2	London ...	30.37	44	42	N	0	10	o
Greencastle ...	30.15	46	46	SW	4	9	o	*	Rochefort ...	30.45	48	41	NE	5	0	b
Holyhead ...	30.32	45	43	SW	2	6	c	1								

Pressure has continued to decrease generally - most in the North, but the winds show very little change at present.

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 highest wind experienced in past 24 hours. **WEATHER**: Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. drizzle; h. heavy rain; i. light rain; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

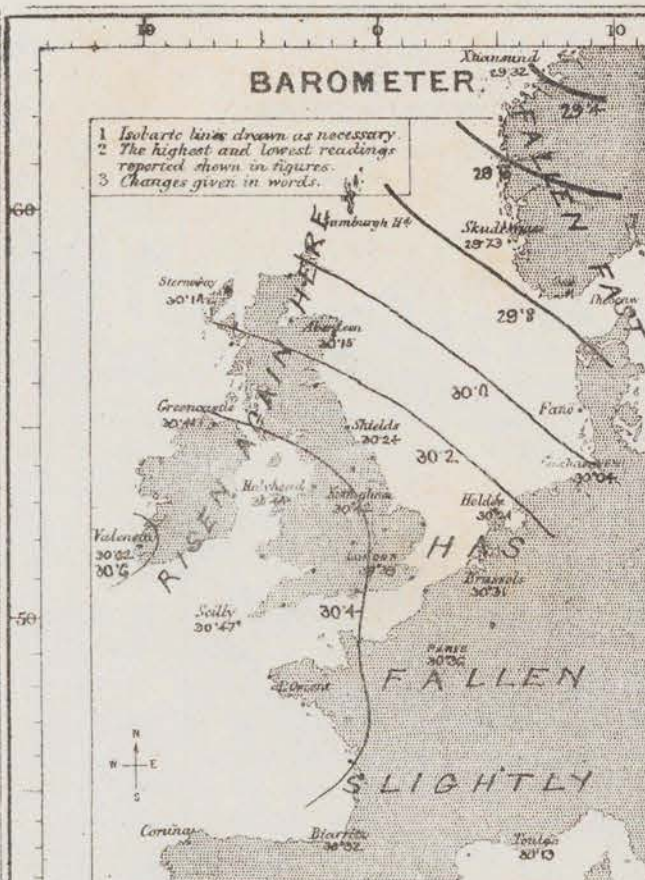
*AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

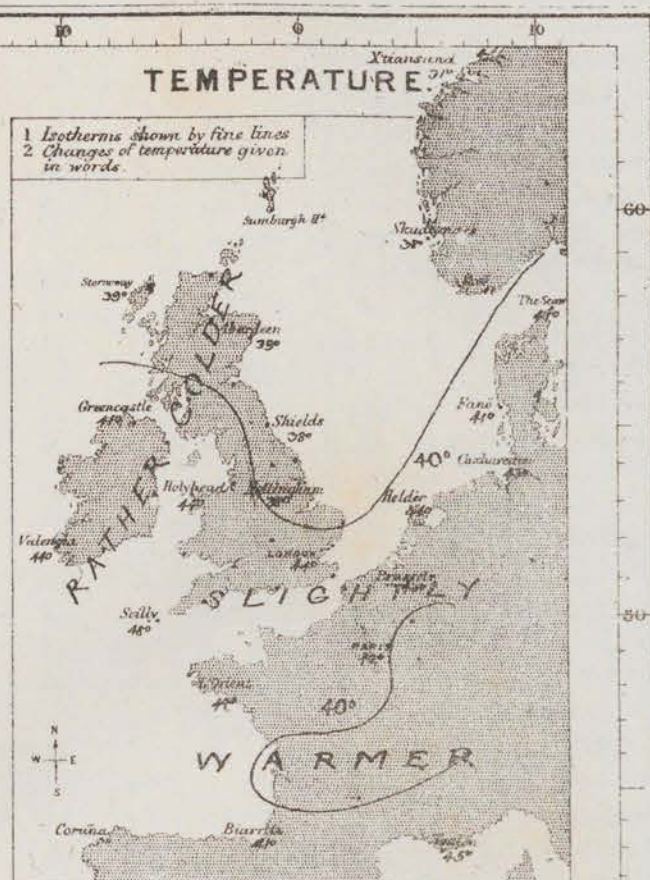
WEATHER CHARTS

AND REMARKS FOR

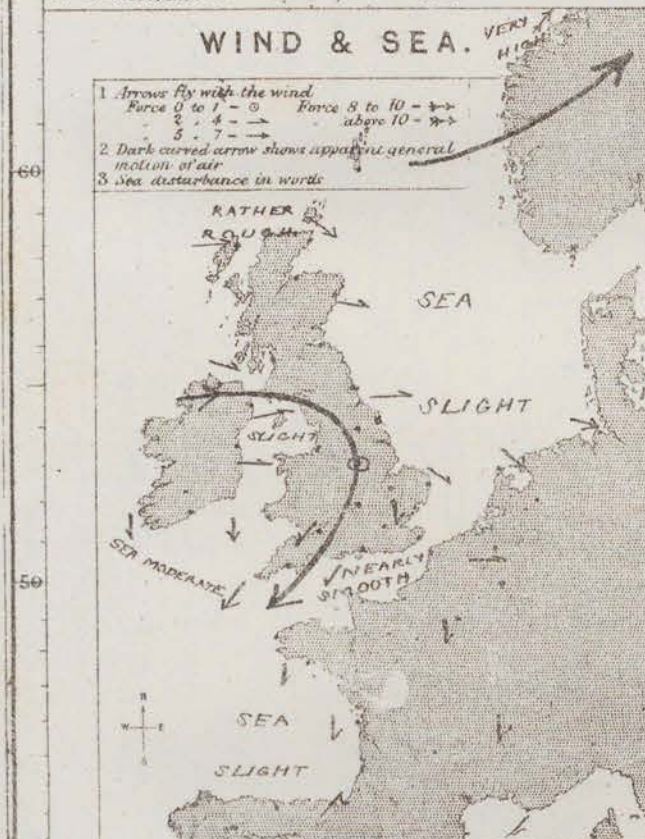
FRIDAY 30TH JANUARY 1874 AT 8 A.M.



The decrease of pressure noticed in the west and north-west yesterday has passed on to Norway, where the barometer has fallen 0.4 m., while in our Islands a brisk recovery has commenced. At the same time the mercury has begun to fall slowly in the south and west of France. The region of highest readings now lies over the south of Ireland, and the gradient from South to Skudsmoen is 0.08 m. per 50 miles.



Temperature has fallen several degrees except at the southern stations, where a slight rise has occurred.



The wind rose to a fresh gale from the NW about most northern stations last night, but has now subsided and moderated. NW breezes prevail at our northern stations generally, driving into NW on the south-east coast and to NE in the Channel, while light N winds are reported over France. The sea is high at Christiansund, rather rough off the north coast of Scotland, moderate to smooth elsewhere.



Some rain has fallen in the N. and W. with hail at. Thiers. The sky is clear in the east of England, cloudy elsewhere. Drums lowered this morning.

Subscriptions for these Charts payable in advance to cover delivery.
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Meteorological Office
116, Victoria Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd, London, W.C.

Saturday 8 a.m.

WEATHER REPORT.

Jan. 31st 1874.

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 ...	29.31	+ .53	12	10	- 18	*	*	SW	2	2	NN	*	ob	*	*
Hernösand ...	29.62	+ .45	26	25	- 10	*	*	NN	4	4	N	*	b	*	*
Stockholm ...	29.52	+ .19	28	26	- 11	*	*	NN	2	6	NNN	*	bc	*	*
Wisby ...	29.66	- .07	31	28	- 6	*	*	NN	10	8	NN	*	ob	*	*
Christiansund ...	29.80	+ .48	34	?	+ 3	*	*	SW	7	8	NNN	*	os	*	7
Skudesnaes ...	30.03	+ .30	33	31	- 5	*	*	?WSW	2	8	NNN	*	os	*	3
Oxö (Xtiansand)	30.02	+ .26	31	28	?	*	*	NNN	2	4	NNN	*	fo	*	2
Skagen (The Skaw)	29.95	+ .27	34	32	- 7	*	*	N	2	*	*	*	b	*	*
Fanö ...	30.06	+ .11	39	39	- 2	*	*	NN	4	*	*	*	o	*	*
Cuxhaven ...	30.14N	+ .10	42	42	- 1	?	38	NN	5	6	NN	9	on	0.04	?
Sumburgh Head															
Stornoway (Hebrides)	30.30N	+ .16	44	43	+ 5	46	36	N	3	5	NNN	8	po	0.19	4
Thurso ...	30.17N	+ .15	45	44	+ 5	47	38	NNN	5	7	NN	8	dp	0.13	4
Wick ...	30.21N	+ .20	44	44	+ 8	46	35	NN	6	8	NN	10	cd	0.07	2
Nairn ...	30.30N	+ .14	45	43	+ 6	47	38	N	3	3	N	8	co	-	2
Aberdeen ...	30.26N	+ .11	46	44	+ 7	49	38	NN	1	3	NNN	1	cb	-	1
Leith ...	30.39f	+ .13	45	44	+ 6	51	38	N	3	4	N	4	o	-	*
Shields ...	30.40f	+ .16	43	42	+ 5	44	38	NNN	3	4	N	2	b	-	2
York ...	30.46N	+ .09	42	41	+ 6	48	34	N	1	2	NN	3	b	-	*
Scarborough ...	30.40S	+ .07	43	42	+ 8	44	35	NNN	3	5	NNN	1	b	-	3
Nottingham ...	30.49f	+ .07	40	39	+ 2	47	36	NNN	1	3	NNN	3	bm	-	*
Ardrossan ...	30.47N	+ .12	47	45	+ 3	48	44	NNN	2	5	NNN	8	cd	0.02	1
Greencastle ...	30.54N	+ .13	45	44	+ 4	45	40	NNN	2	5	NNN	10	sd	0.05	*
Donaghadee ...	30.54f	+ .14	45	43	+ 6	47	38	N	6	6	N	10	co	-	3
Kingstown ...	30.61N	+ .11	45	43	+ 2	46	40	N	3	5	NNN	10	bg	-	3
Holyhead ...	30.54N	+ .10	46	44	+ 2	46	42	NNN	2	4	NNN	7	bc	-	2
Liverpool (Bidston Obs.)	30.51S	+ .07	45	43	+ 3	45	42	N	4	6	N	10	bo	-	3
Valencia ...	30.68f	+ .06	44	42	0	48	41	N	3	4	N	7	po	0.03	3
Roche's Point ...	30.65f	+ .09	40	38	- 3	47	37	NNE	2	4	N	7	bc	-	2
Pembroke ...	30.60N	+ .08	45	42	+ 2	47	40	NNN	2	4	N	7	co	-	1
Portishead ...	30.56N	+ .12	42	40	- 2	48	34	NN	2	4	N	10	bo	-	1
Scilly ...	30.60N	+ .13	46	44	- 2	48	44	ENE	3	6	NE	8	o	-	4
Plymouth ...	30.59N	+ .13	39	38	- 7	47	34	NNN	1	2	NE	0	bf	-	*
Portsmouth ...	30.56N	+ .13	38	37	- 7	45	35	?NE	2	3	NNE	1	b	-	2
Dover ...	30.51N	+ .16	38	37	- 7	46	36	NNN	3	3	NNE	3	b	-	2
London ...	30.53N	+ .14	35	33	- 9	48	31	SSW	2	4	N	2	ob	-	*
Oxford ...	30.54	+ .12	34	33	- 9	46	33	N	1	2	NNN	4	e	-	*
Cambridge ...	30.52N	+ .12	34	34	- 6	46	33	SW	1	2	NN	1	b	-	*
Yarmouth ...	30.45N	+ .10	35	35	- 4	45	32	N	3	4	NN	6	bm	-	3
Helder ...	30.33	+ .12	43	*	- 1	*	*	NNN	3	*	*	*	*	*	4
Cape Gris Nez ...	30.49N	+ .15	40	38	- 4	47	39	N	4	4	N	1	b	-	3
Brest ...	30.58N	+ .12	47	45	+ 1	52	37	ENE	4	5	NE	1	fb	0.08	2
L'Orient ...	?		39	37	- 5	53	38	NE	4	4	NE	0	ob	-	3
Rochefort ...	30.43N	+ .06	37	35	- 2	48	34	NE	5	5	NE	0	ob	-	3
Biarritz ...	30.36N	+ .04	37	35	- 4	46	36	E	1	4	N	9	cm	-	3
Corunna ...	30.24	- .12	48	*	+ 2	*	*	NE	6	*	*	*	b	*	*
Brussels ...	30.47	+ .16	37	*	+ 6	*	*	NNN	3	*	*	*	e	*	*
Charleville ...	?30.53	+ .14	31	*	- 6	*	*	NN	3	*	*	*	e	*	*
Paris ...	30.52N	+ .16	35	?	- 7	45	33	N	3	4	N	1	om	-	*
Lyons ...	?		42	*	+ 3	*	*	N	6	*	*	*	e	*	*
Toulon ...	29.98f	- .15	43	39	- 2	49	41	NE	1	1	E	3	ov	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	29.86	36	34	NNN	8	*	0	7	Valencia ...	30.69	46	43	N	4	6	po
Thurso ...	30.12	44	40	NN	6	7	pgc	5	Scilly ...	30.57	47	42	NNE	5	6	e
Scarborough...	30.36	44	40	NN	4	0	b	4	London ...	30.47	46	41	N	3	6	e
Greencastle ...	30.51	44	42	NNN	4	9	o	*	Rochefort ...	30.43	45	41	NE	5	10	o
Holyhead ...	30.53	45	43	NNN	4	1	b	3								

The barometer continues to rise briskly in our Islands; and the increase has now extended to Rochefort, where the wind has veered to NE. Elsewhere, however, winds are scarcely changed.

EXPLANATION OF COLUMNS.

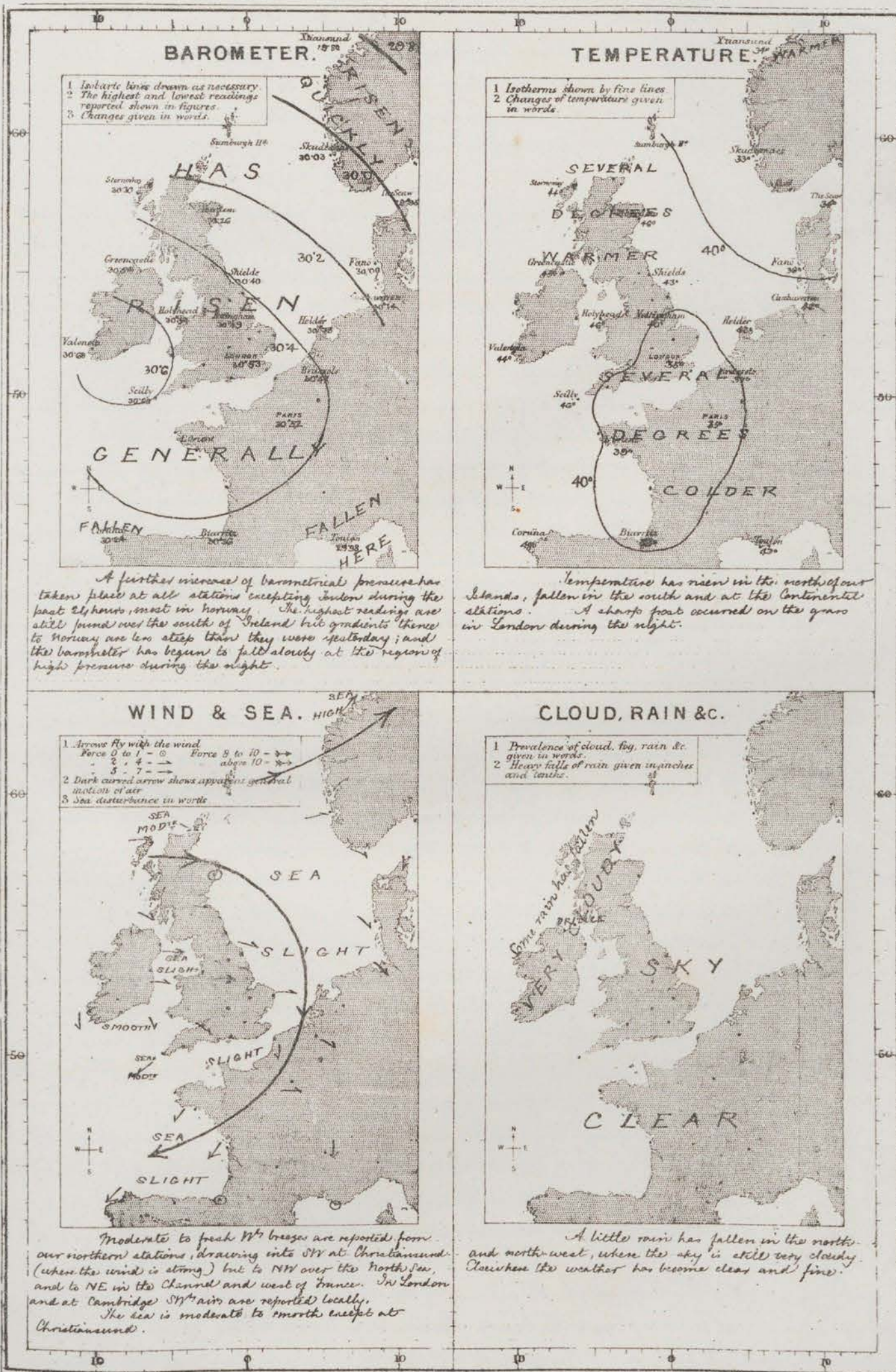
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strong wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; 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; x. extreme. **AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian 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 opposite direction.

Sea
disturb-
ance.
0 to 9.

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 31ST JANUARY 1874 AT 8 A.M.



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

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

Vincent Brooks Day & Son Lith. London W.C.

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SUMMARY OF WEATHER IN WESTERN EUROPE

from JANUARY 25TH to JANUARY 31ST 1874.

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

Two very large depressions have passed over the most N^W parts of W^E Europe during the week their centres taking an almost E^{ly} course and travelling across the central parts of Scandinavia to Russia. The first of these disturbances crossed the meridian of Greenwich during the night of the 25th the second on the night of the 29th, but the former was by far the more serious of the two causing moderate to fresh N. to NW. gales in the N. of our Islands and hard gales from the same quarter in Norway and Denmark. The weather has been mild, though the oscillations of temperature have occasionally been very great. The sky has been very cloudy, but very little rain has fallen. At the close of the week it rained as though a decided change was setting in; for the high pressure which had been lying off our SW. coasts for so long a time began to move slowly to the E^{ward}, and showed some indications of undergoing gradual dispersion. —

JAN: 25TH — Throughout the NW. of Europe the barometer had risen briskly since the 24th especially at the Scandinavian Stations and over the North Sea while in the S. of France a decided fall had occurred. The local irregularities noticed yesterday had disappeared, and the NE. portion of an anticyclone showed itself off our SW. coasts. The gradient from Valencia to Stormoway was 0.065 in. that from Brest to London 0.05 per 50 mls. Light N^W breezes prevailed over nearly the whole of our Islands, drawing into N. on the E. shores of the North Sea and in the Channel, and to NE. in the N. of France. Temperature had risen several degrees in Ireland and the N. of Scotland but fallen elsewhere — as much as 18° in London — and a great deal of cloud prevailed except in the SE. and E. of England. During the day the increase of temperature spread E^{ward} — the maximum temperature for the 24 hrs. occurring during the night at Aberdeen — the barometer began to fall in the NW. and the wind increased at the N. stations. —

JAN: 26TH — During the night a very large and serious depression had advanced quickly from the NW^{ward} or NWNW^{ward} to central Sweden, causing a very great fall of the barometer, its Sth edge passing over the Scotch stations at daybreak. The gradients from Shewen and the Helder to Christiansund were 0.095 in. and 0.12 in. per 50 miles, respectively. Fresh or strong N. to SW. gales had set in at the Norwegian and Danish Stations, while moderate WNW^{ly} gales were felt on our N. coasts, but to the Sth of Holyhead the wind was light from the same quarter. In the N. of France it was light from N. and NE. Temperature had risen rapidly at all but the French stations, no less than 21° at Aberdeen; the weather was cloudy in the United Kingdom, with slight rain in the N., while rain fell on the E. shores of the North Sea, with some snow. —

JAN: 27TH — The centre of the storm had continued its E^{ly} course and at 8 a.m. it had apparently reached the N. of Russia. A considerable rise of the barometer had occurred over NW^W Europe varying from 0.8 in. at Christiansund to 0.1 in. at Valencia, while in Germany and the E. of France the mercury had fallen. The wind had veered to NW. or NNW. on the E. shores of the North Sea and continued to blow hard, but in our Islands and France light to moderate NW^{ly} breezes were reported veering to N. over the Bay of Biscay. Over the Baltic the gale was exceedingly heavy and altered the channel at the entrance of the Frische-Haff, at Pillau, very considerably. Temperature had fallen at all but our Sth and the French stations, and though the sky continued cloudy in the United Kingdom, with fog in the SW. it became clear over the North Sea generally. Rain had again fallen at our N. and NW. stations. In the evening Aurora was seen at Archangelsk. —

JAN: 28th — The recovery of pressure had continued at all the Scandinavian and North Sea Stations and readings had become much more uniform than of late. At our most N. and N. stations, however the mercury had again begun to fall in the night. Light N. winds prevailed over the N. of our Islands drawing into NW. or N. over the North Sea and our S. stations, and to NE. in the N. of France. Temperature rose a little on our N. and NE. coasts but fell in the S. — The weather was very cloudy except in the NE. During the day the barometric fall in the NW. extended to all parts of our Islands, the wind backing towards SW. meanwhile. A bright auroral display was seen in the NE. of Scotland at night.

JAN: 29th — The fall of the mercury had now extended to all parts of N. Europe, and had become rather rapid at the N. and N. stations. The wind backed to SW. in the latter regions and freshened, while strong N. winds were felt at the Norwegian ports. In the N. of France the wind was E. Temperature rose fast on the E. shores of the North Sea but changed little elsewhere. The weather remained very cloudy with fog in the S. and was equally during the day in the N. and NW. with rain in Scotland.

JAN: 30th — The centre of the disturbance which caused the fall noticed yesterday had reached the central Scandinavian stations and a brisk recovery had set in on our N. and N. coasts in the night, while in the S. of France the mercury fell slightly. The wind after blowing a fresh gale in the extreme N. of our Islands during the night, had veered to NW. or N. at our N. stations and over the North Sea, while in the Channel it drew into NNE. At Christiansund a hard SW. gale was still reported. Temperature fell several degrees except in the S. The sky had become clear in the E. but was very cloudy elsewhere and a little more rain fell in the NW. of St. Britain during the day.

JAN: 31st — The recovery of pressure continued except at Toulon, the change being greatest at the Norwegian stations; and the area of highest pressure which had been lying off our SW. coasts for some time past appeared to have advanced slightly to the E. The winds fell light, except in the extreme N., but differed very little in direction from those reported yesterday. Temperature rose again in the N. while it fell several degrees in the S., and the sky became much clearer except in the NW. of our Islands where some rain was falling. During the day the mercury began to fall very slowly in the region of highest pressure as well as in the E. of England, while it continued to rise in Caithness. —

NOTICE.

The Meteorological Committee have resolved to commence the issue of lithographed copies of the 24 Hourly Tabulated Readings, taken at their 7 Observatories, for every element which is observed continuously, commencing with Jan: 1st, 1874. — The sheets will be issued quarterly and the issue will be a limited one. —

The subscription for a copy is £1. — per annum to cover a portion of the expense of production. —

The sheets will not be distributed with the publications of the Office. —

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JANUARY 1874

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 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.
1 st	Skagen	29.85	+32	37	37	+2	*	*	SW	4	*	*	*	f	*	*
"	Jani	29.89	+20	41	41	+10	*	*	SW	6	*	*	*	c	*	*
"	Sumburgh H.	29.50+	+63	43	43	-1	46	39	WSW	7	7	WSW	9	ra	0.09	7
"	Corunna	30.36	+36	48	*	-2	*	*	NE	6	*	*	*	ct	*	7
2 nd	Sumburgh H.	28.90f	-63	38	38	-5	44	36	W	10	8	WSW	7	rbg	0.15	8
"	Corunna	30.40	+04	45	*	-3	*	*	NE	7	*	*	*	c	*	*
3 rd	Hernösand	29.65	+29	34	33	-3	*	*	S	2	6	SSW	*	b	*	*
"	Stockholm	29.55	-21	35	34	0	*	*	SSW	4	4	SSW	*	b	*	*
"	Wichby	29.80	-23	38	37	0	*	*	SW	4	7	SW	*	b	*	*
"	Christiansund	28.99	+17	41	37	-7	*	*	SSW	8	6	SSW	*	oc	*	6
"	Stadenæs	29.32	+01	41	39	-4	*	*	WSW	8	8	WSW	*	c	*	7
"	Oxö	29.43	+01	41	39	-3	*	*	WSW	8	6	SW	*	cs	*	5
"	Sumburgh H.	29.07+	+17	37	37	-1	40	34	W	7	10	W	7	p	0.17	7
"	Stornorway	29.16+	+16	35	33	-1	41	32	WSW	3	6	W	9	tho	0.25	4
"	Corunna	30.08	-32	48	*	+3	*	*	SW	6	*	*	*	at	*	4
4 th	Sumburgh H.	29.15+	+08	32	32	-5	30	32	N	3	7	W	10	phs	0.09	4
5 th	Skagen	29.43	+34	36	35	-3	*	*	NNW	4	*	*	*	o	*	*
"	Sumburgh H.	29.57+	+42	32	32	0	37	28	WNW	3	3	S	7	sp	0.14	4
6 th	Sumburgh H.	29.45+	-12	43	43	+11	43	32	W	7	7	WSW	10	ro	0.57	6
7 th	Skagen	30.08	+30	43	43	+6	*	*	SW	4	*	*	*	o	*	*
"	Jani	30.20	+22	42	42	+1	*	*	WSW	4	*	*	*	o	*	*
"	Sumburgh H.	29.67+	+22	44	43	+1	47	43	SSW	6	8	W	6	dc	0.09	5
"	Corunna	30.16	?	52	*	?	*	*	W	3	*	*	*	?	*	2
8 th	Sumburgh H.	29.46f	-21	44	44	0	47	40	SSW	6	7	WSW	9	po	0.04	6
"	Corunna	29.88	-28	52	*	0	*	*	SE	7	*	*	*	c	*	7
9 th	Stadenæs	29.90	*	42	39	*	*	*	SSE	8	*	*	*	o	*	7
10 th	Sumburgh H.	29.33f	-13	42	42	-2	47	39	W	5	6	SSW	9	o	-	5
"	Recheport	29.95f	-06	40	35	+4	46	34	SSE	4	5	SSE	5	oc	-	3
"	Corunna	29.81	-07	53	*	+1	*	*	?	7	*	*	*	c	*	4
"	Paris	30.06+	-15	30	*	+3	36	30	SE	5	5	SSE	3	c	-	*
"	Aulon	30.22+	-03	42	38	+2	49	39	E	3	3	NNW	8	co	-	2
11 th	Sumburgh H.	29.69+	+36	40	39	-2	46	38	W	5	5	W	5	c	-	5
"	Corunna	29.88	-07	42	*	-11	*	*	SW	3	*	*	*	c	*	2
12 th	Sumburgh H.	29.30f	-39	42	42	+2	42	37	SSW	6	5	WNW	10	cd	0.04	6
13 th	Sumburgh H.	29.05f	-25	32	32	-10	44	31	NNW	8	6	SSW	9	ds	0.08	8
"	Skagen	29.37	-06	43	43	+2	*	*	NW	8	*	*	*	c	*	*
"	Jani	29.65	+03	37	35	-2	*	*	WNW	8	*	*	*	+	*	*
"	Sumburgh H.	29.49+	+44	32	31	0	34	29	NNW	7	8	NNW	8	s	0.07	8
"	Corunna	30.20	+12	43	*	-2	*	*	SE	3	*	*	*	b	*	2
14 th	Stadenæs	29.46	*	36	32	*	*	*	W	6	*	*	*	o	*	7
15 th	Sumburgh H.	29.23f	-26	33	33	+1	36	29	WNW	3	4	W	5	sc	0.17	4
"	Portsmouth	30.05f	-12	48	48	+11	48	35	?	2	4	WSW	9	fo	-	1
"	Corunna	30.16	-04	45	*	+2	*	*	NE	3	*	*	*	b	*	7
16 th	Sumburgh H.	29.31f	+08	40	40	+7	40	33	W	3	3	WNW	10	gt	0.87	4
"	Corunna	30.12	-04	43	*	-2	*	*	SW	7	*	*	*	b	*	2
17 th	Sumburgh H.	29.06f	-25	42	42	-2	43	40	W	3	2	N	10	o	0.09	4
18 th	Sumburgh H.	29.05+	-01	35	34	-7	43	34	WNW	4	3	W	8	op	0.09	4
19 th	Sumburgh H.	29.00f	-05	34	33	-1	37	32	W	5	4	WNW	10	pt	0.13	5
"	Haparanda	28.90	-48	21	21	-12	*	*	S	2	8	?	*	ob	*	*
"	Hernösand	29.18	-25	32	29	-2	*	*	WNW	2	2	SSW	*	ob	*	*
"	Stockholm	29.33	-31	34	31	0	*	*	WNW	6	2	S	*	cb	*	16
"	Wichby	29.50	-30	26	?	-13	*	*	NW	8	6	SW	*	ob	*	*
"	Sumburgh H.	28.57+	-43	38	38	+4	42	37	WSW	8	7	W	8	rfo	0.64	7
"	Corunna	30.16	+04	52	*	+4	*	*	SW	3	*	*	*	of	*	2
20 th	Haparanda	29.09	+19	32	32	+11	*	*	SW	10	6	SW	*	o	*	*
"	Hernösand	28.76	-42	33	33	+1	*	*	S	10	8	S	*	bo	*	*
"	Stockholm	29.04	-29	34	33	0	*	*	SSW	8	7	SSW	*	o	*	*
"	Wichby	29.36	-14	36	35	+10	*	*	SW	6	2	SW	*	ot	*	27
"	Christiansund	29.40	+104	30	28	-11	*	*	WSW	6	10	W	*	r	*	6
"	Stadenæs	29.49	?	37	35	-5	*	*	ESE	4	8	WSW	*	c	*	4
"	Oxö	29.58	+63	38	36	-6	*	*	SW	2	6	SW	*	fc	*	3
"	Skagen	29.57	+49	37	35	-4	*	*	NW	4	*	*	*	b	*	*
"	Jani	29.68	+38	38	37	-6	*	*	S	4	*	*	*	c	*	9
"	Sumburgh H.	29.18f	+61	34	34	-4	38	33	ESE	7	8	WNW	10	so	0.12	7
21 st	Sumburgh H.	29.27+	+09	40	40	+6	40	34	WSW	7	7	ESE	10	d	0.06	7
22 nd	Sumburgh H.	29.67+	+40	44	43	+4	47	43	W	8	8	W	10	o	0.03	6
23 rd	Sumburgh H.	29.635	-04	38	38	-6	45	37	W	6	9	W	9	o	0.04	6
24 th	Sumburgh H.	29.67+	+04	35	35	-3	40	32	NNE	7	7	WNW	10	ps	0.04	6
25 th	Sumburgh H.	29.90f	+23	42	40	+7	42	32	W	7	7	N	10	st	0.45	6
26 th	Sumburgh H.	29.42f	-48	42	40	0	47	41	NNW	9	8	W	6	rw	0.14	8
"	Corunna	30.48	-04	48	*	+3	*	*	NE	3	*	*	*	c	*	4

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

[illegible]