

INDEX.

	PAGE		PAGE
Adelaide, Coldest Spring at.....	219	Bentley, R., on Instrumental Meteorology.....	46
Agriculture, Meteorology and.....	106	Berwickshire and East Lothian, Floods in	165
Air Temperature, The Lowest ..	211	Billwiller, Robert (Obituary)	193
Aitken, Mr. John, and the Braemar Meteorological Record	71	Black, Surg.-Maj. W. G., The Return of Wintry Weather, April, 1905.....	68
Algué, Rev. José, The Cyclones of the Far East (review), 69 ; The Climate of the Philippines (review)	70	Bonacina, L. C. W., Scheme for Thunderstorm Investigations, 221 ; Summary of the Results of the British Thunderstorm Committee, 158 ; The Great Problem of Meteorology, 7 ; The Study of Thunderstorms..	118
Antarctic Meteorological Station in the South Orkneys, by R. C. Mossman	86	Books Received	166, 181
Anti-Trades, Demonstration of the Upper	161, 186	Boys, Rev. H. A., A Parallel	6, 51, 85, 120
April, 1905, Return of Wintry Weather	68	British Association in South Africa	47, 125, 133, 153, 173, 203
Aquameter, A New Instrument ...	196	— Kite Committee, Report of the..	206
Arctowski, H., Resultats du Voyage du <i>S. Y. Belgica</i> (review)	209	British Empire, Climatological Summary for, 1904	229, 232
Argentine Government and Antarctic Observations	91, 163	British Rainfall, 1904.....	116
Atlantic Circulation and Weather	201	Brodie, F. J., Thunderstorms	183
Atmosphere, Explorations of the Upper	160, 231	Brook, C. L., High Barometer of January, 1905, 4 ; in December, 226 ; Partial Drought in May.....	81
Atmospheric Pressure, Nile Floods and	164	Buchan, Miss J. H. (Obituary).....	232
August, 1905, Thunderstorms and Heavy Rains during	142	Buckton, G. B. (Obituary)	165
August 24-26, 1905, The Rain-storm of.....	195	Bulawayo Meteorological Observatory, by Rev. E. Goetz	205
Auroral Display of November 15th	196	Burt, Theodore, Meteorological Observations at Pemba during 1903 and 1904	34
Autumn Rainfall and Yield of Wheat, by Dr. W. N. Shaw... ..	10	Carter, W. J., May Frosts	82
Backhouse, T. W., Another Neglected Meteorological Item, 162 ; Partial Drought, 100 ; The Study of Thunderstorms	162	Cave, C. J. P., <i>see</i> W. H. Dines.	
Ball, Dr. J., on Logarithmic Slide-Rule, 90 ; on Relative Humidity	231	Climatological Table, The	67
Barbados, Meteorological Kite Experiments in	230	— Tables for the British Empire	20, 40, 60, 76, 96, 112, 132, 152, 172, 192, 216, 229, 240
Barometer, High, in January, 1905, 2 ; in December.....	226	Clough, T. E., A Small Whirlwind	105
Barometric Range, Great.....	27	Colville, E. L. M., High Barometer of January, 1905	5
Beaufort's Scale, On the use of, by R. H. Curtis.....	138, 156	Conferences on Meteorological Work, Fortnightly	187
Ben Nevis	71	Cooke, W. E., The Hottest Portions of the Empire	49
— The Glacial Snow of, by Rev. R. P. Dansey, 29 ; J. R. Gettin Jones on	83	Crinan, Observations at, in 1904... ..	65
		Crossman, A., Rainfall of July 9th	102

	PAGE		PAGE
Curtis, R. H., On the Amount of Heat Required for the Growth and Ripening of Wheat, 113 : On the Use of Beaufort's Scale	138, 156	Haslemere, Heavy Rain in June at	101
Dansey, Rev. R. P., The Glacial Snow of Ben Nevis	29	Heat Required for the Growth and Ripening of Wheat, by R. H. Curtis	113
Dines, W. H., on Observations at Crinan in 1904, 65 ; and C. J. P. Cave on Meteorological Kite Observations in Barbados, 230 : Temperature during Solar Eclipse, 230 ; Upper Air Observations	231	Hildebrandsson, Prof. H. H.	14
Drought, Partial, 100 ; in May ...	81	Horner, D. W., The Deficiency of Rainfall, 26 : The Rainfall of October	184
Druce, F., "Line Squall" at Sidmouth	141	Howard Medal, The	12
Dust Falls	14, 53	India, Heavy Rain in, 162 : The Cold Winter in	67
East London, Cape Colony, The Winds of	34	Instrumental Meteorology	46
Eclipse, Meteorological Observations during the Solar	145, 230	International Meteorological Committee	70
Electrical Phenomena of the Atmosphere, Normal ..	105	January, 1905, High Barometer of Jenkin, A. P., Periodicity of Rainfall	179
Elias, Dr. H., and J. H. Field, on Meteorological Observations during a Balloon Ascent at Berlin	34	Jones, J. R. Gethin, Glacial Snow on Ben Nevis	83
Eliot, Sir J., Indian Meteorological Memoirs. Vol. XVII. (review)	55	July 9th, Rainfall of	102
Evaporation, Measurement of	90	Kilgour, W. T., Twenty Years on Ben Nevis (review) ..	107
Exhibition of Meteorological Instruments	45	Kite Ascent, The Highest	211
Fergusson, S. P., on Two New Meteorological Instruments ...	105	— Committee, Report of the British Association	206
Field, J. H., <i>see</i> Dr. H. Elias.		— Experiments in the North Sea ..	230
Fox, W. L., High Barometer of January, 1905	6	— Observations in Barbados	230
Freezing Point, A low	100	Knott, Prof. C. G., on Solar Radiation	63
Freir, H. E., Rainfall of July 9th ..	103	Krogh, Dr. A., on the Tension of Carbonic Acid in Natural Waters (review) ..	55
Frosts, May ..	83	Lawson, G. C., Rainfall of July 9th ..	102
Glacial Snow of Ben Nevis, The, by Rev. R. P. Dansey, 29 ; J. R. Gethin Jones on	83	Lectureship on Meteorology in Manchester	186
Globe Lightning	66	Lehrbuch der Meteorologie, Dr. J. Hann's	91
Glyde, E. E., High Barometer of January, 1905, 5 ; The Auroral Display of November 15th ...	197	Lempfert, R. G. K., On a Form of Sudden Weather Change	41
Goetz, Rev. E., The Bulawayo Meteorological Observatory ...	205	Lightning Conductors	121
Haes, H., Curious Effect of Lightning	199	—, Curious Effect of	199, 228
Hail Storm in Suffolk	142	"Line Squall" at Sidmouth	141
Hall, W., May Frosts	82	MacDowall, A. B., Some Weather Problems	186
Hannay, H., The Cold Winter in India	67	McEwan, J., Rainfall of July 9th ..	103
Harvey, Rev. C. Wigan, Rainfall at Throcking, Herts	32	Maclear, Admiral, Curious Effects of Lightning, 228 ; Green Flash at Sunset, 227 ; Was it Globe Lightning ?	66
		McPherson, Dr. J. G., Meteorology ; or, Weather Explained (review)	145
		March 12th and 15th, Thunderstorms of	52
		Markham, C. A., Lightning Conductors	121
		Marten, E. B., Low Temperatures in October	198

INDEX.

v.

	PAGE		PAGE
Mawley, E., on Phenological Observations for 1904	33	Obituary :—	
May, 1905, Frosts in, 82 ; Partial Drought in, 81, 83 ; Rainfall and Weather of, 77 ; Range of Temperature during	82	Pietro Tacchini	193
May 30th, Heavy Rainfall of	82	Robert Billwiller.....	193
Meteorograph for Kites, A New... ..	65	George B. Buckton.....	165
Meteorology and Agriculture	106	Adm. Sir W. J. L. Wharton..	166
— at the British Association, 133 ; at the Public Schools	91	Miss Jessie Hill Buchan	232
— Competitive	165	October, 1905, Low Temperature of.....	177, 198
— Lectureship on	186	Optical Convention, 1905	127
— The Great Problem of, by L. C. W. Bonacina	7	Parallel, A. [of weather]...6, 51, 85,	120
— with Other Sciences, Connection of	12	Parry, C. G., The Deficiency of Rainfall	26
Meteorological Breakfast, The ..47,	155	Pearson, E., Partial Drought, May and June, 1905	83, 101
— Committee, The International..	70	Pemba, Meteorological Observations at, by Theodore Burt...	34
— Council Reception by the.....	44	Periodicity of Rainfall, by A. P. Jenkin	179
— Instruments, Exhibition of	45	Pirie-Gordon, E., High Barometer of January, 1905.....	5
— Instruments, Two New... ..	105	Pringle, C. S., Cold South Winds	185
— Knowledge, New Scheme for the Advancement of	61	Radiation, Nocturnal, 211 ; Solar	63
— Observations during the Solar Eclipse	145	Rafter, G. W., The Relation of Rainfall to Run-off (review)...	54
— Observations in Pemba, by Theodore Burt	34	Rain, Extremely Heavy Fall of ...	125
— News and Notes, 14, 47, 70, 91, 165, 186, 211,	232	— in India, Heavy	162
— Notes on the Months, 18, 38, 58, 74, 94, 110, 130, 150, 170, 190, 214,	238	Rainfall, Aggregate, 48, 75, 81, 107, 147, 167, 182, 194,	218
— Office, The, 14, 91, 231 ; New Constitution of the	98	— Amazing Values for	91
— Society, Royal, 12, 33, 46, 65, 99, 105, 195, 230 ; Lectures by 165, 187, 232 ; Officers of	13	— Averages, 14 ; Long Period ...	50
— Society, Scottish.....	62, 117	— at Throcking, Herts, by Rev. C. Wigan Harvey, 32 ; at Sunderland, 120 ; in the Talla Valley, 126 ; of England and the South-East Trades	228
Mill, Dr. H. R., On Rate of Fall of Rain at Seathwaite, 65 ; Rainfall of July 9th, 104 ; lectures by	233	— and Temperature, Monthly 16, 36, 56, 72, 92, 108, 128, 148, 168, 188, 212,	236
Milner, W. E., Great Barometric Range	27	— Monthly(Supplementary Tables) 17, 37, 57, 73, 93, 109, 129, 149, 169, 189, 213, 237 ; of September, 1904, to February, 1905, 22 ; and Weather of May, 1905, 77 ; of May 30th, 82 ; of July 9th, 102 ; of October, 183 ; of the Year, 1905.....	217
Moore, Sir J. W., On the Rainstorm of August 24—26, 1905	195	— Periodicity of, by A. P. Jenkin.	179
Mossman, R. C., 14, 71 ; The Antarctic Meteorological Station in the South Orkneys	86	— The Deficiency of	26
Newman, T. P., Heavy Rain in June at Haslemere	101	Rainstorm of August 24—26, 1905...	195
Newton, Dr. W. B., on "The Aquameter"	196	REVIEWS :—	
Nile Floods and Atmospheric Pressure	164	Observations de la direction des nuages faites en Danemark, etc., 1896-97	28
November 15th, The Auroral Display of	196	Bericht über die Ergebnisse der Beobachtungen für das Liv-Estlandische Regenstationennetz. 15-Jährige Mittelwerte, 1886-1900, von Prof. Dr. B. Sresnewsky	28
Oakes, Rev. B. P., Hail Storm in Suffolk	142		

	PAGE		PAGE
REVIEWS (<i>con.</i>)—		REVIEWS (<i>con.</i>)—	
Report of the Meteorological Council for the year ending 31st March, 1904	28	gations in the North Sea . . . (Southern Area)	209
Hourly Readings from the Self-Recording Instruments at Four Observatories under the Meteorological Council, 1901	28	Resultats du Voyage du <i>S.Y. Belgica</i> . Météorologie, Rapport sur les observations météorologiques horaires, par H. Arctowski	209
United States Geological Survey. The Relation of Rainfall to Run-off, by G. W. Rafter.....	54	Proceedings of the Third Convention of Weather Bureau Officials, held at Peoria, Ill., Sept. 20, 21, 22, 1904	233
Indian Meteorological Memoirs. Vol. XVII., by Sir J. Eliot ...	55	Seasons in the British Isles from 1878, by W. N. Shaw.....	234
Missions scientifiques pour la mesure d'un arc du méridien au Spitzberg. Mission Suédois, Météorologie, par J. Westman	55	The Bahama Islands, edited by George Burbank Shattuck, Ph.D.	234
On the Tension of Carbonic Acid in natural waters, and especially in the Sea, by A. Krogh, Ph.D.	55	Report on the Climate and Weather of Baltimore and vicinity, by Oliver L. Fassig..	235
Cape of Good Hope.—Report of the Meteorological Commission for 1905	69	Les gradients verticaux de la Température dans les minima et les maxima barométriques, by S. Grenander	235
The Cyclones of the Far East, by Rev. José Algué	69	Rhine District, Heavy Rains in the Robertson. Rev. A. E.	211
The Climate of the Philippines, by Rev. José Algué	70	Russell, Spencer C., Range of Temperature during May and Heavy Rainfall of May 30th, 82; The Auroral Display of November 15th, 198; The Study of Thunderstorms, 141; Thunderstorms of March 12th and 15th	52
Twenty Years on Ben Nevis, by W. T. Kilgour	107	Saharan Dust Falls, The Legend of	53
Transvaal Meteorological Department. Observations for 1st July, 1903—30th June, 1904.....	122	Sargent, J. A., The Climatological Table	67
London Fogs. Report of the Meteorological Council upon an Inquiry during the Winters of 1901-2 and 1902-3	122	Searle, G. von U., High Barometer of January, 1905	4
Meteorology; or, Weather Explained, by J. G. McPherson	145	Seathwaite, Rate of Fall of Rain at Shaw, Dr. W. N., 91; On Autumn Rainfall and Yield of Wheat, 10; On the Relation of the South-East Trade Winds and Rainfall in England	228
Solar Physics Committee. Mean Annual Variations of Barometric Pressure and Rainfall..	208	Shield, G. W. C., and <i>Symons's Meteorological Magazine</i>	2
Anleitung zur Anstellung und Berechnung meteorologischer Beobachtungen	208	Shoultz, G. B., Contrast in Twelve Months' Rainfall	184
Conseil Permanent International pour l'Exploration de la Mer. General Report of the work of July, 1902—July, 1904	209	Sidebotham, T. W., Rainfall of October	183
North Sea Fisheries Investigation Committee. Report on Fishery and Hydrographical Investigations in the North Sea . . . by D'Arcy Wentworth Thompson, C.B.	209	Sidmouth, "Line Squall" at	141
International Fishery Investigations. First Report on Fishery and Hydrographical Investi-		Simpson, G. C., On Kite Experiments in the North Sea, 230; On Normal Electrical Phenomena of the Atmosphere ...	105
		Simpson, E., The Deficiency of Rainfall	27

	PAGE		PAGE
Slade, F., High Barometer of January, 1905	5	Thunderstorm Investigations, Scheme for, by L. C. W. Bonacina.....	221
Snellen, Dr. M., Retirement of, 187; Solar and Climatic variations	233	Todd, Sir Charles, Coldest Spring in South Australia	219
South Australia, Coldest Spring in, by Sir C. Todd	219	Uruguay, Frost in	83
South Winds, Cold	185	Varley, F. C., Some Weather Problems	198
Southall, H., Long Period Rainfall Averages	50	Vint, W. F., Rainfall at Sunderland	120
Sresnewsky, Prof. Dr. B., The Rainfall System of Livonia-Esthonia (review).....	28	Von Bezold, Dr. W.	165, 186
Strachan, R., On Measurement of Evaporation	90	Walker, H. J., Frost in Uruguay..	83
Strachey, Lt.-Gen. Sir Richard, and the Symons' Medal.....	211	Weather Change, On a Form of Sudden, by R. G. K. Lempfert	41
Sunderland, Rainfall at.....	120	— Forecasting, Long Range	200
Sunset, Green Flash at	227	— Maps, Synoptic	187, 198
Sutton, J. R., A Low Freezing Point, 100; On the Winds of East London, Cape Colony ...	34	— Problems	185
Symons Medal, The	211	Weather of May, 1905, Rainfall and, 77; of the Summer.....	166
Tacchini, Prof. Pietro (Obituary)..	193	Wedderburn, E. M., On the Temperature Changes of the Surface Waters of Loch Ness	62
Talla Valley, Rainfall in the	126	Wellington, New Zealand, Meteorological Averages and Extremes at	64
Temperature Changes of the Surface Waters of Loch Ness	62	Westman, J., Missions scientifiques au Spitzberg Météorologie (review).....	55
Temperature during May, Range of, 82; of October, 1905, 177, 198; during Solar Eclipse.....	230	Wharton, Adm. Sir W. J. L. (Obituary)	166
Thompson, Prof. D'Arcy W., Report of North Sea Fisheries Investigation Committee (review)	209	Whirlwind, A small	104
Throcking, Herts, Rainfall at, by Rev. C. Wigan Harvey	32	Wilson-Barker, Capt. D., Connection of Meteorology with other Sciences	12
Thunderstorms, 183; The Study of, 118, 141, 162; and Heavy Rains during August, 142; of March 12th and 15th	52	Wind at Sea, Direction and Velocity of	125
Thunderstorm Committee, Summary of the Results of the, by L. C. W. Bonacina	158	Wind, Prof. C. H.	47
		Wood, J. G., High Barometric Pressure in December.....	226

LIST OF ILLUSTRATIONS.

The Chasm of the Victoria Falls of the Zambesi	<i>Frontispiece</i>
The High Barometer of January, 1905 (map)	Page 3
The Deficiency of Rainfall, September, 1904—February, 1905 (map) ...	22
Corrie of Alt-a-Mhuilinn, Ben Nevis, showing Site of a Glacier	29
A form of Sudden Weather Change (1).....	41
(2).....	42
The "Rainfall of May, 1905 (map).....	78
Meteorological Station, Scotia Bay, Laurie Island.—Winter and Summer Views	87
The Standard Rain Gauge at the Royal Observatory Capetown	203
Meteorological Observatory, Johannesburg	203
The Meteorological Station, Salisbury, Rhodesia	204
Rain Gauge at Beira, Portuguese East Africa.....	204
The Rainfall of 1905, difference from average (map)	218