

INDEX.

	PAGE
Abbe, Prof. Cleveland (obituary) ..	145
Adames, H. B., Phenological Observations, 1915	90
Agius, T.	17
Air, upper, Meteorology of, 65; Research in Canada	75
Amundsen, Roald, Meteorology of his Antarctic Expedition	99
Anemometry, A Practical Application of, by R. H. Curtis.....	18
Ångström, Andres, The Radiation of the Atmosphere (review)..	98
Antarctic Expedition, Meteorology of Amundsen's, 99; Shackleton's	113
April Weather, A Contrast.....	58
Argentine Monthly Weather Review, 155; Remarkable Cold	135
Arrowsmith, S., Cold Winter follow-Cold November.....	23
Atmosphere, Radiation of.....	98
Atmospheric Conditions and Health, 122; Pollution, Report on, 136, 150; Shades of May	71
Audibility of Gun-firing in Flanders	91
August, Showers and Clouds of....	122
Australia, H. A. Hunt on Temperature Departures in 1915	4
Baffin Bay, Meteorology of.....	100
Bamford, A. J., Colombo Observatory Memoirs, Nos. 1 and 2 (review)	11
Barometer at Colombo, A. J. Bamford on (Review)	11
Bates, D. C., Summer Climate....	129
Ben Nevis, Permanent Snow on 148,	168
Bentley, Lieut.-Col. M., on Heavy Rain on July 23rd	103
Black Mountains and Snowstorms..	24
Bonacina, L. C. W., Atmospheric Shades of May, 71; Directions for Snowfall Study, 132; The Great Snowstorms of 1916, 37; Permanent Snowbeds in Scotland, 168; Readjustment of Pressure Differences, 68; Relation of Rainfall to Cloud-	

	PAGE
level, 20, 57; The Showers and Clouds of August, 122; Stagnant December	180
Bournemouth, Heavy Rain at....	120
Boys, Rev. H. A., Summer Time, 71, 103; Unusual Fog-Bow..	166
British Empire, <i>See</i> Climatological Tables.	
"British Rainfall, 1915"	97, 134
British Rainfall Organization, Bequest to.....	171
Brook, C. L., Anomalous First Quarter of 1916	41
Brooks, C. E. P., A Meteorologist in China, 165; Rainfall of Nigeria and Gold Coast.....	26
Brown, A. Hampton, Rainfall of Havana and England South West	180
Cave, Captain C. J. P., R.E., Winter Thunderstorms	42, 170
Chalk Well, Rapid Rise in.....	72
Challenger Society Meeting.....	100
Chapman, Lieut. E. H., on The Relation between Atmospheric Pressure and Rainfall.....	91
Chelsham, Chalk Well at	72
Cheshunt, Heavy Day's Rain.....	119
China, Meteorology in.... 1, 33, 53,	165
Chisholm, G. G., Rainfall and Cloud Level	41
Christy, Miller, Audibility of Gun-firing in Flanders	91
Chrystie, Col. George, April Weather—A Contrast.....	58
Clark, J. E., Peculiar Lightning, 152; Phenological Observations, 1915.....	90
Climatological Tables for the British Empire, 16, 32, 48, 64, 80, 96, 112, 128, 144, 160, 176, 188	
Climate of Georgetown, Demerara, 107; of Samoa	129
Cloud-level and Rainfall	20, 41, 57
Clouds and Showers of August....	122
Cold in the Argentine, Remarkable	135
Cold Snap in Melbourne.....	101
Coldness of June, 1916	83, 89

	PAGE		PAGE
Colombo Observatory Memoirs....	11	Glasspoole, J., Appointment.....	171
Condensation, A problem of.....	20	Glyde, E. E., Death of.....	36
Cook, Rev. R. D., Thunderstorm at Ipplepen.....	133	Graham, W. Vaux, Rapid Rise in a Chalk Well.....	72
Corder, Henry, Lunar Rainbow ..	10	Greves, S. Hyla, Heavy Rainfall on August 29th.....	120
Crossley, H. R., on Warmth of January	8	Griffin, Dr. E. W., Great Rainfall at Killarney on October 21st	162
Cuninghame, W. M., Heavy Day's Rain at Cheshunt	119	Gun-firing in Flanders, Audibility of	91
Curiosities, Some Meteorological..	51	Hailstones, Remarkable.....	153
Curtis, R. H., A Practical Applica- tion of Anemometry, 18; Remarkable Showers.....	169	Hall, Maxwell, Hurricane in Jamaica.....	43
Dacey, G. E., Thunderstorm of May 30th, 74; Thunderstorms on June 10th.....	107	Harpur, C., Notes on "British Rainfall, 1915"	134
Dansey, Rev. R. P., Permanent Snowbeds of Ben Nevis group, 148; Warmth of January, 1915	8	Harries, H., Some Meteorological Curiosities	51
Dartmoor, Clouds on	20, 21	Havana and England, South-West Rainfall of	180
Davis Strait, Meteorology of.....	100	Health and Atmospheric Conditions	122
Daylight Saving and Sham Time..	49	Hepworth, Capt. Campbell, C.B., Meteorology of Davis Strait	100
Deacon, Rev. C. E. B., Remarkable Hailstones	153	Hesselberg, Th., Appointment of..	27
December as First Winter Month..	171	Horner, D. W., Heavy Rainfall on August 29th in Devonshire, 121; Remarkable Drought in Devonshire, 104; The War and the Weather, 120; Thunderstorm at Ipplepen....	133
December Rains, 9; a stagnant ..	180	Hunt, H. A., on Cold Snap in Melbourne, 101; Temperature Departures in Australia in 1915	4
Denning, W. F., December Rains, 9; Unusual Fog-bow.....	167	Hurricane in Jamaica, August, 1915	43
Devonshire, Drought in, 104; Heavy Rain in.....	121	Illusions of the Upper Air	65
Dines, J. S., Sunset Colouring.....	104	Innes, R. T. A., Winter of 1915 in Johannesburg	58
Dines, W. H., F.R.S., Long Lost Balloon Meteorograph	57	Ipplepen, Thunderstorm at	133
Discontinuities in Meteorological Phenomena, Prof. H. H. Turner on	56, 179	Ireland, Heavy Rainfall in, 58, 161; Heavy Rain in, on July 23rd 105; Thunderstorm July 24th	106
Dover, John, Cold June at Totland Bay, 89; Summer Drought at Totland Bay.....	119	Irish and Greenwich Time	133
Duration of Rainfall	178	Jackson, Thomas, Heavy Rainfall in Ireland.....	58
Egyptian Desert.....	171	Jamaica, Hurricane in.....	43
Elephant Island, Meteorological Observations on, 171; Weather of	115	January and June, 1916, a Contrast	67
Ellis, William, F.R.S., Obituary of..	178	January, 1915, Mildness in London, 7; Warmth of, by Rev. R. P. Dansey, 8, by A. R. Crossley, 8; by T. Wainwright, 9; by C. L. Brook.....	41
Ellison, Rev. C. S. S., Thunder- storm on July 24th in Ireland	106	Johannesburg, Winter of 1915 in..	58
Esdaile, C. E. J, Heavy Rainfall on August 29th at Taunton.....	121	Jones, J. R. Gethin, Snowstorms in Black Mountains.....	24
Fifty-first Volume, Our.....	1	June, 1916, Coldness of	67, 83
Fog-bow, Unusual	166, 167	June and January, 1916, a Contrast	67
Frosts and Temperature inversions	27	Killarney, Great Rainfall at	161
Fry, Joseph Harry, Summer Time	89		
Geddes, Lieut. A. E. L., Storm of November 11th-13th, 1915....	165		
Georgetown, Demerara, Climate of	107		
Gibbs, Lawrence, Summer Time..	154		

INDEX.

v

	PAGE		PAGE
Lee, Prof. F. S. Atmospheric Condi- tions and Health	122	tion (review), 99; Obituary of	130
Lightning, Peculiar	152	Moidrey, Rev. J. de, S.J., Meteorolo- gical Observations at Lu-kia- pang, 33, 53, 181; Meteorolo- gical Observations at Notre Dame des Pins, Manchuria ..	87, 117
London, Mildness of January, 1915, in, 7; Wettest March in, 47; Wettest November in	175	Monte Video, Climate of	59
Lu-kia-pang, Meteorology at 33, 53,	181	Moore, Sir John W., Irish and Greenwich Time	133
Lunar Rainbow, H. Corder on	10	Morandi, Prof. Luis, Work at Monte Video Observatory	59
Lunar Weather Types at Stockholm	86	Mossman, R. C., Meteorology of the South Orkneys, 1915, 146; Remarkable Cold in the Argentine 135; Weather Conditions of Elephant Island, 115; Weddell Sea	85
Lyons, Major H. G., F.R.S., Winter Climate of Eastern Mediter- ranean	3	Newnham, E. V., Persistence of Wet and Dry Weather	55
McAdie, A., Temperature inversions and frosts (review)	27	Newspaper Meteorology	52
McDonnell, D. E., on Great Rainfall at Killarney on October 21st..	163	Nigeria, Rainfall of	26
Malta, Exceptional Rainstorms in..	17	Notre Dame des Pins, Manchuria, 87, 117	
Manchuria, Meteorological Observa- tions at Notre Dame des Pins, 87, 117		November and Cold Winter	23
March, Wettest in London	47	Obituary Notices :—	
Marriott, W., Audibility of Gun- firing in Flanders, 91; Optical Phenomena, 24; Presentation to	27	MR. E. E. GLYDE	36
Mawley, E., Obituary of	131	DR. ROBERT HENRY SCOTT	81
May, Atmospheric Shades of	71	PROF. HENRY MOHN	130
Mediterranean, Major Lyons on Winter Climate of Eastern....	3	MR. EDWARD MAWLEY	131
Melbourne, Cold Snap in, 101; Wettest month in	164	PROF. CLEVELAND ABBE	145
Meteorograph, Long Lost	57	MR. J. J. HICKS	155
Meteorological Curiosities	51	PROF. A. I. VOEIKOF	164
Meteorological News and Notes, 27, 36, 74, 107, 154, 171		MR. GEORGE SEARLE	171
Meteorological Observations on Elephant Island, 171; at Lu-kia-pang for 1914 and 1915, by Rev. J. de Moidrey, S. J., 33, 53, 181; at Notre Dame des Pins, Manchuria, 87, 117; at Radcliffe Observatory	115	MR. WILLIAM ELLIS	178
Meteorological Office, Annual Report for the Year ended March, 1916, 170; Circular ..	107	Optical Phenomena, 10, 24, 25, 166,	167
— Phenomena, Discontinuities of 56,	179	Ore-veins and Rainfall	134
— Society, Royal, 2, 26, 42, 55, 68, 90, 165, 178		Orpen, T. H., The Rain Children, a fairy-tale of Physics (review)..	182
— Theory, Sir Napier Shaw on....	65	Parbury, A. F., Abnormal tempera- tures, 153; Heavy Rainfall on August 29th, in Devonshire ..	121
Meteorology of Amundsen's Antarctic Expedition, 99; of Davis Strait, 100; of the Globe, by Sir Napier Shaw, 42; of South Orkneys	74, 146	Patterson, J., Upper Air Research in Canada (review)	75
Millimetres for Rain Measuring....	134	Pettersson, Prof. Otto, Lunar Weather Types	86
Mohn, H., Prof., Meteorology of Amundsen's Antarctic Expedi-		Phenological Observations, 1915 ..	90
		Pressure Differences, Readjustment of	68
		Radcliffe Observatory	155
		Radiation of Atmosphere	98
		Railways and Anemometry	18
		Rain of August 17th at Cheshunt, 119; Heavy, on July 23rd, 105; in Scotland, 134; Remarkable Showers of	169
		Rainbow, Lunar	10

	PAGE		PAGE
Rain Children, The, a fairy-tale of Physics (review)	182	direction of Arthur A. Ram- baut, M.A., F.R.S.	155
Rain day, Definition of	134	Eleventh Annual Report of the Meteorological Committee to the Lords Commissioners of His Majesty's Treasury for the Year ended March 31st, 1916.	170
Rainfall and Cloud-level, 20, 41, 57; and Ore-veins, 134; Duration, 178; Heavy on August 29th, 120, 121; Great, at Killarney, 161; Greatest November in London, 175; Heavy in Ireland, 58; Intensity of, at Colombo, A. J. Bamford on (review), 11; Greatest monthly in Melbourne, 164; of Havana and England South West, 180; of 1916, 177; of Nigeria and Gold Coast	26	The Weather Map, by Sir Napier Shaw, F.R.S.	182
Rainfall Tables of the Months of 1916, 12, 13, 14, 28, 29, 30, 44, 45, 46, 60, 61, 62, 76, 77, 78, 92, 93, 94, 108, 109, 110, 124, 125, 126, 140, 141, 142, 156, 157, 158, 172, 173, 174, 183, 184, 185	185	The Rain Children, a Fairy Tale of Physics, by T. H. Orpen	182
Rain Spell, Partial, A. E. Swinton on	11	Salter, Carle, Measurement of Rainfall Duration	178
Rainstorm in Malta, Exceptional. .	17	Samoa, Climate of	129
Rambaut, A. A., F.R.S., Results of Meteorological Observations at Radcliffe Observatory, Oxford (review)	155	Scotland, Heavy rains in, 134; Permanent Snowbeds in	168
Rector, Mr., of Cordoba, cited	135	Scott, Dr. R. H., F.R.S., Obituary of	81
Réseau Mondial 1911	42	Scroggie, W. R., Optical Phenomena	25
REVIEWS :—		Shackleton, Sir Ernest, His Fight with Winter	113
Memoirs of the Colombo Obser- vatory, Nos. 1 and 2, by A. J. Bamford	11	Shaw, Sir Napier, F.R.S., Illusions of the Upper Air, 65; Meteor- ology of the Globe, 42; Summer Time, 50; The Weather Map (review)	182
Temperature Inversions in rela- tion to Frosts, by Alexander McAdie	27	Showers and Clouds of August, 122; Remarkable	169
Synopsis <i>Météorologique</i> des années, 1901-13, 1914, Prado Observatory, Montevideo	59	Snowbeds, Permanent, on Ben Nevis	148, 168
Upper Air Investigation in Canada, Pt. I, Observations by Registering Balloons, by J. Patterson	75	Snowfall Study, Directions for	132
Observatoire de Zi-ka-Wei, Calendrier-Annuaire pour 1916	75	Snowstorms in Black Mountains, 24; of 1916, great	37
A Study of the Radiation of the Atmosphere, by Anders Ångström	98	South Orkneys, Meteorology of ..	74, 146
Road Amundsen's Antarctic Expedition, Scientific Results, Meteorology, by H. Mohn	99	Southern Hemisphere, Cold Season in	135
Results of Meteorological Obser- vations in the Five Years, 1911- 15 . . . at the Radcliffe Obser- vatory, Oxford, under the		Stockholm, Lunar Weather Types at	86
		Storm of November 11th-13th, 1915	165
		Stupart, Sir R. F., knighted	74
		Summer Time, 49, 70, 71, 89, 103, 123, 134, 154	154
		Sunset Colouring	104
		Sutton, Dr. J. R., South African Coast Temperatures	26
		Swinton, A. E., Partial Rain Spell..	11
		Tamplin, Capt., L. H., cited	165
		Taunton, Heavy Rain at	121
		Temperature, Abnormal, 153; Departures in Australia, 4; Inversions and Frosts	27
		Thunderstorm, at Ipplen on September 28th-29th, 133; on July 24th, 106; on June 10th, 107; on May 30th	74
		Thunderstorms in Winter	42, 168

	PAGE		PAGE
Time, Daylight Saving and Sham, 49 ; Irish and Greenwich, 133 ; Summer, 49, 70, 71, 89, 103, 123, 134, 154		Weather of the Months of 1916, 15, 31, 47, 63, 79, 95, 111, 127, 143, 159, 175, 187	
Totland Bay, Cold June at, 89 ; Summer Drought.....	119	Weather, Persistence of Wet and Dry, 55 ; Prophecies, 154, 167 ; Types, Lunar	86
Turner, Prof. H. H., F.R.S., Dis- continuities in Meteorological Phenomena	56, 179	Weddell Sea, Physical Conditions of	85
Uruguay, Climate	59	West Clare Light Railway and Wind	18
Voeikof, Prof. A. I., (obituar)	164	Wind Velocity and Railways.....	18
War and Weather	120	Winter, Cold and November, 23 ; Coming, 167 ; of 1915 in Johannesburg, 58 ; Old Custom as to, 171 ; Sir E. Shackleton's Fight with, 113 ; Thunder- storms	42, 168
Wainwright, Thos., Warmth of January	9	Woeikof, <i>see</i> Voeikof	
Weather and War, 120 ; Contrast in April	58	Zi-ka-Wei, Calendar of Obser- vatory (review)	75
Weather Map, The (review), by Sir Napier Shaw.....	182		

LIST OF ILLUSTRATIONS.

ROBERT HENRY SCOTT, D.SC, F.R.S.	<i>Frontispiece</i>
Temperature Departures in Australia (16 maps)	<i>pages 5, 6</i>
Rainfall in the Thames Valley, January, 1916 (map)	<i>face p. 15</i>
" in the Thames Valley, February, 1916 (map)	" " 16
" in Malta, November 22nd, 1915 (map)	" " 17
" in the Thames Valley, March, 1916 (map)	" " 47
" " " April, 1916 (map)	" " 63
Rise of water in well at Chelsham (diagram)	<i>page 73</i>
Rainfall in the Thames Valley, May, 1916 (map)	<i>face p. 79</i>
" " " June, 1916 (map)	" " 95
" " " July, 1916 (map)	" " 111
" " " August, 1916 (map)	" " 127
" " " September, 1916 (map)	" " 143
" " " October, 1916 (map)	" " 159
" " " November, 1916 (map)	" " 175
" " " December, 1916 (map)	" " 187