



MINUTES OF THE PROCEEDINGS

OF THE

METEOROLOGICAL COUNCIL.

1895—1896.



LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

1897.

Submitted—The following list of publications which had been received since the last meeting :—

Hamburg, Deutsche Seewarte.—Ergebnisse der meteorologischen Beobachtungen. Jahrg. xvii., 1894.

Tyrer, R.—The Meteorology of Cheltenham. 1895.

Bombay, Government Observatory.—Magnetical and meteorological observations made at the Government Observatory, Bombay, in the year 1894.

Calcutta, Meteorological Office, Bengal.—Meteorological summary for the monsoon period of 1895.

London, Royal Society.—Catalogue of scientific papers, 1874–1883. Vol. xi.

Shanghai Meteorological Society.—Third annual report for the year 1894. Essay on the winter storms on the coast of China, by Rev. S. Chevalier.

Mellish, H.—The weather of 1895, at Hodsock Priory, Worksop.

Grossman, —.—Zur Beobachtung der Wolken.

63, Victoria Street, February 19, 1896.

PRESENT :

LIEUT.-GENERAL STRACHEY IN THE CHAIR.

MR. GALTON.

|

MR. STONE.

THE HYDROGRAPHER.

The Secretary was in attendance.

The Minutes of the last meeting (February 5) were read and confirmed.

Read—Letter 429 from the Foreign Office (Minutes, p. 75), stating that the Treasury had sanctioned the purchase of three sets of instruments for Uganda according to the estimate furnished by the Council (*l.c.*).

A wish was expressed by the Council that at least one mercurial barometer should be sent out.

Mr. Scott was instructed to carry out the wishes of the Foreign Office (P.C. 401).

Submitted—Correspondence with Mr. Dines (Letters received 305, 428 written 286) as to the erection of a pressure plate for experimental purposes at Holyhead, with a drawing of the instrument suggested.—Mr. Scott was instructed to obtain an estimate (P.C. 408).

Submitted estimates for fitting up electric lights in the Telegraph Rooms (Letters 186, 219, 386).

Mr. Scott was instructed to submit the estimate of Messieurs Pyke and Harris to the Fire Office in which the Meteorological Office is insured (P.C. 406), and, if the estimate is accepted, to require a guarantee of the work for, say, two years.

Mr. Scott reported that in consequence of complaints as to the xylonite forms supplied for use with the Beckley rain-gauges, he had written to the Stationery Office, and he submitted a letter, No. 338, from the Controller declining to supply more of the forms. He was instructed to make experiments as to the suitability of other materials for the purpose.

Submitted—The paper by Mr. R. H. Curtis on anemometrical results, as directed (Minutes, p. 71).—Sanctioned.

Read—A Memorandum from Mr. Baillie stating that since last meeting five logs had been received, two of them being “excellent.”

Mr. Scott was instructed to convey the best thanks of the Council to the observers.



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1898.

Submitted—The following list of publications which had been received since the last meeting:—

Lamprecht, G.—Wetterperioden.

Curtis, R. H.—An attempt to determine the velocity equivalents of wind-forces estimated by Beaufort's scale.

Ward, R. De C.—The teaching of climatology in medical schools.

London, Meteorological Office.—Report of the Meteorological Council for the year ending 31st of March 1896.

Schück, A.—Magnetische Beobachtungen an der Kieler Förde und Eckernförderbucht, übertragen auf 1895, 5.

Halle, Kaiserliche Leopoldino-carolinische deutsche Akademie der Naturforscher.—Leopoldina. Heft. XXXI., 1896.

London, Admiralty, Hydrographic Department.—Reports of proceedings in connexion with investigations into the physical conditions of the water of the Faeroe Channel. By Captain W. U. Moore, R.N., H.M.S. "Research."

San Fernando, Instituto y Observatorio de Marina.—Anales. Seccion 2a. Observaciones meteorológicas y magneticas. Año, 1894.

Hamberg, H. E.—De l'influence des forêts sur le climat de la Suède. Parts IV. and V.

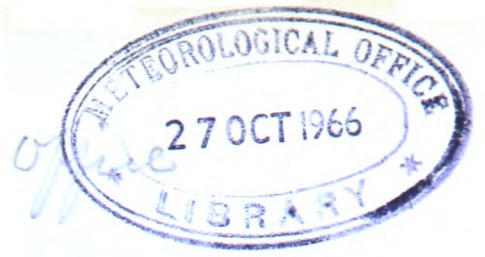
Cambridge (Mass.), Astronomical Observatory of Harvard College.—Annals. Vol. xxx., Part IV. Observations made at the Blue Hill Meteorological Observatory, Massachusetts, U.S.A. Discussion of the cloud observations, by H. H. Clayton.

——— Annals. Vol. xl., Part V. Observations made at the Blue Hill Meteorological Observatory, Massachusetts, U.S.A., in the year 1895.

Boston, Mass., Weather Bureau.—Observations of the New England Weather Service in the year 1895.

Leal, M.—Resumen general de algunas de las principales observaciones meteorológicas practicadas en la Escuela de Instrucción Secundaria del Estado, en Leon, E. de Guanajuato, México, del 1° de enero de 1878 at 31 de diciembre de 1896.

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1899.

Office

MINUTES OF THE PROCEEDINGS

OF THE

METEOROLOGICAL COUNCIL.

1897—98.

63, Victoria Street, April 14, 1897.

PRESENT :

MR. GALTON IN THE CHAIR.

MR. BUCHAN.
PROFESSOR DARWIN.

MR. STONE.
THE HYDROGRAPHER.

The Secretary was in attendance.

The Minutes of the last meeting (March 17) were read and confirmed.

The Draft of the Annual Report 1896-7 was submitted.

Submitted—Letter 641 from the Hydrographer accompanying cyclone track charts for the South Indian Ocean for the years 1885-96.

It was resolved that these be engraved and inserted in the remaining copies of the volume of similar charts for previous years (O. 90), in such cases as the number of cyclones noted would justify their reproduction.

Submitted—Correspondence with the Post Office as to the changes carried out in the postal service at Dungeness, and an estimate for the erection of a telephone line between the reporting station and the new postal telegraph office.—Mr. Scott was instructed to confer with Colonel Hozier as to the possibility of transmitting the reports over Lloyd's wire.

Mr. Scott reported that Mr. Munro (Letter 656) had sent in an account for 39*l.* 12*s.* 0*d.* for the pressure plate anemometer. His original estimate had been 15*l.* (Minutes, 1896, p. 1).

Mr. Scott was instructed to make further inquiries from Mr. Munro.

Submitted—The following as the result of the primary checking of the storm warnings issued to the coasts of the British Islands since the last meeting of the Council :—

WARNINGS ISSUED.

The signals were hoisted on 10 days, the total number of districts warned being 71. In 62 districts the warnings were justified, but in 9 they were not required.

GALES EXPERIENCED, BUT FOR WHICH NO WARNINGS WERE ISSUED.

1. On March 28-29 a N.W. to N. gale in the north of Scotland, caused by a sudden increase in the depth of a small depression lying near the Shetlands. At 8 a.m. 28th (Sunday) the depression was quite shallow. By 6 p.m., however, the gale was already blowing, and it was too late to warn. Had the 28th been a week day, the information given in the 2 p.m. reports would in all probability have enabled us to catch this gale.

2. On April 13th a S.E. gale in the same district, caused by a depression off the west of Scotland, which also increased suddenly in intensity. Until 6 p.m., when the gale had fully developed, the indications did not appear sufficiently bad to justify the issue of warnings, and the information received from Belmullet was not reliable.

Telegraphic Branch,
April 14, 1897.

(Signed) FREDC. GASTER.



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1898—99.



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1899

Office

MINUTES OF THE PROCEEDINGS
OF THE
METEOROLOGICAL COUNCIL.

1898-99.

63, Victoria Street, April 27, 1898.

PRESENT :

SIR R. STRACHEY, IN THE CHAIR.

MR. BUCHAN.

PROFESSOR DARWIN.

MR. SHAW.

THE HYDROGRAPHER.

The Secretary was in attendance.

The Minutes of the last meeting (March 16) were read and confirmed.

Captain Chaves of the Portuguese Army, Superintendent of the Observatory at Ponta Delgada, in the Azores, was introduced to the Council, and explained that he had been deputed by the Portuguese Government to make enquiries among the principal meteorological authorities in Europe as to their opinions on the expediency of establishing an observatory in the Azores on an international basis, for recording meteorological and other physical phenomena of scientific interest. He explained that he was not authorised to propose any specific plan of operations, and only sought for the expression of the opinion of qualified persons on the suggestion, which if favourably received might be given a more definite shape in the future.

The Council expressed their general recognition of the scientific value of the systematic registration of phenomena, as had been described by Captain Chaves, at a station placed in the centre of the Atlantic, and though they were not in a position to make any offer of pecuniary assistance in carrying out the project, they would give their best consideration to any practical proposal that might be put forward.

Reported that the subjoined reply had been sent to Dr. Neumayer. (Minutes, 1897-8, p. 82.)

(Copy.)

M.O. 405.

Meteorological Office,
63, Victoria Street, London, S.W.
30th March, 1898.

DEAR SIR,

IN reply to your letter of the 15th ultimo (No. 4391), I am desired by the Meteorological Council to inform you that having considered the proposals of Herr Knipping, having for their object the collection and publication of extracts from ships' logs bearing on the limits of Trade Winds and the occurrence of Storms, they regret that they are unable to assist in carrying out such a scheme.

The Meteorological Council is compelled to arrange its action in relation to expense, and as the work which it now undertakes demands the whole of the funds at the command of the Council, it is quite impossible that they can enter upon a new line of enquiry and study which would necessarily involve considerable additional expenditure, and for the reason above given could not be taken up without the abandonment of other investigations.

Dr. G. Neumayer,
Deutsche Seewarte,
Hamburg.

Yours faithfully,

(Signed) R. H. SCOTT,
Secretary.

63, Victoria Street, March 15, 1892.

PRESENT :

SIR R. STRACHEY, IN THE CHAIR.

PROFESSOR DARWIN.

MR. GALTON.

MR. SHAW.

THE HYDROGRAPHER.

The Secretary was in attendance.

The Minutes of last meeting (March 1) were read and confirmed.

Submitted a letter (No. 402) (Minutes p. 31), from Lieut-Colonel F. S. Leslie, C.R.E., Exeter, inclosing a form of agreement with the War Office, for the site of the anemometer, &c., on Garrison Hill, St. Mary's, Scilly.

Mr. Scott was authorized to sign and execute the agreement (P.C. 607).

Read—Letter 525 from Professor Mascart, stating that he hoped to forward copies of observations from French Merchant Ships in a few weeks. (Minutes p. 96).

Mr. Baillie having reported that Mr. C. Harding had sent up 1320 sets of observations from Liverpool, and that several large companies had not yet been visited, it was resolved that Mr. Harding's stay at Liverpool be prolonged for another week from the 16th inst.

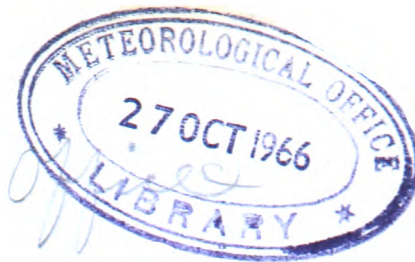
Read—Letter 507 from Dr. Becker, stating that three public bodies in Glasgow, the Corporation, its Health Department, and the Clyde Trustees, had agreed to allow to the observatory £50 each annually, during their pleasure.

Read—A memorandum from Mr. Baillie stating that since last meeting three logs had been received, all of them being "excellent." Mr. Scott was instructed to present the charts O 134 to Lieut. J. F. Parry and O 106 to Surgeon A. O. Bobardt, both of H.M.S. "Dart," and to convey the best thanks of the Council to the other observers.

RETURN of ADMIRALTY INSTRUMENTS in the OFFICE and at HER MAJESTY'S DOCKYARDS,
for the Quarter ending December 31st, 1898.

Place and Date.	Particulars.	Barometers.		Thermometers.			
		Mercurial.	Aneroid.	Ordinary.	Max.	Min.	Screens.
Meteorological Office. October 1st, 1898.	Available	26	95	184	83	86	40
	Received, new
	„ repaired, cleaned, &c.	25	24	21	14	20	...
	Total	51	119	205	97	106	40
	Issued	12	22	31	8	15	4
January 1st, 1899.	Total available	39	97	174	89	91	36

1903/5



MINUTES OF THE PROCEEDINGS

OF THE

METEOROLOGICAL COUNCIL

1899—1900.



LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE.
BY DARLING & SON, LIMITED, 1-3, GREAT ST. THOMAS APOSTLE, E.C.

1900.

Submitted—The following report on the Forecasts issued at 8.30 p.m. daily during the month of May 1899 :—

The letters used have the following signification :

a = complete success.

b = partial (*i.e.*, more than half) success.

c = partial failure.

d = total failure.

MAY.

DISTRICTS.		Percentages.			Percentage of Success. a + b.
		Wind.	Weather.	Average Forecast.	
Scotland, N.	a	68	71	70	84
"	b	16	13	14	
"	c	16	6	11	
"	d	0	10	5	
Scotland, E.	a	55	71	63	84
"	b	29	13	21	
"	c	10	6	8	
"	d	6	10	8	
England, N.E.	a	58	74	66	84
"	b	23	13	18	
"	c	13	7	10	
"	d	6	6	6	
England, E.	a	55	65	60	83
"	b	29	16	23	
"	c	16	16	16	
"	d	0	3	1	
Midland Counties	a	61	74	68	84
"	b	23	10	16	
"	c	16	10	13	
"	d	0	6	3	
England, S.	a	74	71	73	92
"	b	23	16	19	
"	c	0	13	7	
"	d	3	0	1	
Scotland, W.	a	68	77	73	89
"	b	19	13	16	
"	c	10	0	5	
"	d	3	10	6	
England, N.W.	a	52	68	60	76
"	b	19	13	16	
"	c	23	10	17	
"	d	6	9	7	
England, S.W.	a	61	71	66	83
"	b	13	20	17	
"	c	20	3	11	
"	d	6	6	6	
Ireland, N.	a	39	63	51	82
"	b	35	27	31	
"	c	26	7	17	
"	d	0	3	1	
Ireland, S.	a	49	67	58	79
"	b	19	23	21	
"	c	32	7	20	
"	d	0	3	1	
SUMMARY.					
British Islands	a	58	70	64	84
"	b	23	16	20	
"	c	16	8	12	
"	d	3	6	4	

