

PRINCIPAL MAGNETIC STORMS RECORDED AT THE CHEL-
TENHAM MAGNETIC OBSERVATORY.

OCTOBER 1—DECEMBER 31, 1907.

Greenwich Mean Time				Range		
Beginning		Ending		D	H	Z
	<i>h m</i>		<i>h</i>	<i>'</i>	<i>''</i>	<i>'''</i>
October 13,	7 43	October 17,	1	29.7	148	143
October 21,	20 07	October 23,	7	17.5	94	68
November 3,	6 45	November 4,	9	13.4	114	100
November 10,	3 39	November 12,	14	14.4	109	59
November 21,	10 43	November 22,	14	21.5	145	71
December 10,	17 07	December 13,	13	17.5	88	37

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THE MAGNETIC CHARACTER OF THE YEAR 1906.

BY E. VAN EVERDINGEN.

The first annual review of the "Caractère magnétique de chaque jour", published on behalf of the International Magnetic Commission by the Dutch Meteorological Institute (see "*Terrestrial Magnetism*", v. X, p. 117 and v. XII, p. 183) has appeared.

An introduction states that the number of observatories partaking in this work increased during 1906 from 15 to 35; complete data are available for 30 observatories.

The meeting of the Magnetic Commission at Innsbruck did not indicate the limits of the classes (0, 1 and 2) for the magnetic character, leaving it to each individual director to choose his method of classification.

For 22 observatories these methods are briefly described; a small table shows where magnitude, where number or duration of the disturbances are taken into account and where the classification after Eschenhagen has been adapted to the new scale.

Table I gives for each day the frequency of the numbers 0, 1 and 2, and the sum of these characteristic numbers for the 30 observatories, followed by the corresponding sum for the whole month.

Table II, which is reprinted here, exhibits the mean character for each day, obtained by dividing the sums of Table I by 30; the latter numbers are also graphically represented in the original publication.

Lastly the "five calm days" for each month are reprinted from the quarterly publications.

DAILY VALUES FOR THE MAGNETIC CHARACTER IN THE YEAR 1906.

Date.	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	M.	
January,	0.1	0.4	0.3	0.4	0.3	0.6	0.2	0.8	0.8	0.2	0.4	0.6	0.8	0.9	0.8	0.3	0.1	0.1	0.7	0.1	0.8	0.8	0.1	0.0	0.0	0.3	0.7	0.6	0.1	0.1	1.6	0.45	
February,	1.2	0.8	0.8	0.9	0.7	1.2	0.9	0.7	0.8	0.9	0.6	0.4	0.0	0.6	1.4	1.1	0.5	0.6	1.7	0.4	0.5	0.2	0.8	1.9	1.7	1.7	0.8	1.5			0.90		
March,	1.2	0.4	0.4	1.5	1.1	0.8	1.2	1.2	1.1	0.9	0.4	0.9	1.0	1.0	0.4	0.3	0.9	1.0	0.0	0.2	0.1	0.1	0.1	1.0	1.3	0.8	0.5	0.6	0.6	0.2	0.1	0.68	
April,	0.2	0.8	1.0	0.8	0.1	0.0	0.0	0.7	1.1	1.2	1.0	0.3	0.6	0.5	0.1	0.1	0.5	0.4	0.5	0.4	0.7	0.9	1.1	1.1	0.9	0.3	0.2	1.2	1.4	0.9		0.63	
May,	0.3	0.3	0.1	0.1	0.1	0.7	0.4	1.3	1.0	0.3	0.8	0.4	0.7	1.1	1.6	0.5	0.3	0.4	0.8	1.2	1.0	0.5	0.2	0.6	0.5	0.1	1.0	0.6	0.4	0.2	0.1	0.58	
June,	1.3	1.5	1.1	1.0	0.5	0.3	0.7	1.0	0.7	0.4	0.8	0.3	0.7	0.3	0.9	1.0	0.7	0.4	0.0	0.1	0.1	0.1	0.1	0.5	0.7	0.7	0.2	0.3	0.2	0.2		0.56	
July,	0.8	0.7	0.4	0.4	0.9	1.0	0.2	0.2	0.3	0.9	1.8	1.3	1.0	0.5	0.2	0.1	0.1	0.3	0.3	0.5	0.9	0.2	0.9	0.3	0.6	0.8	1.0	0.9	1.2	1.5	0.8		0.69
August,	0.6	0.4	0.5	0.2	0.0	0.1	1.5	1.7	1.0	0.6	0.5	1.3	1.2	0.7	0.4	0.7	0.2	0.0	0.6	0.3	0.5	0.3	0.2	0.5	0.8	0.8	1.1	0.8	0.7	0.3	0.9		0.63
September,	0.9	1.0	1.2	1.5	1.0	0.7	0.4	0.1	0.1	0.1	0.2	0.5	0.4	0.6	0.9	1.0	0.8	0.7	0.3	0.9	0.8	1.8	1.7	1.1	1.0	1.1	0.6	0.5	0.7	1.0		0.79	
October,	1.2	0.9	0.9	0.6	0.6	0.2	0.1	0.1	0.1	0.3	0.4	1.0	0.9	0.6	0.4	0.5	0.2	0.0	0.8	0.5	0.9	1.2	0.8	0.3	0.3	0.6	1.2	0.8	0.5	0.7	0.4		0.59
November,	0.4	0.0	0.1	0.5	0.7	0.4	0.5	1.0	0.5	1.0	1.0	0.5	0.7	0.2	0.5	0.3	0.5	0.9	0.9	0.4	1.3	1.4	0.3	0.6	0.8	0.3	0.3	0.2	0.2	0.3		0.55	
December,	0.5	0.8	0.7	0.3	0.1	0.5	0.6	1.6	1.6	0.4	0.4	0.5	0.3	0.4	1.0	1.7	1.3	0.3	0.3	0.3	1.1	2.0	1.4	1.0	0.2	0.9	0.7	0.6	0.2	0.3	0.3		0.71

CALENDAR DAYS.

January	1,	7,	17,	24,	30.	February	12,	13,	20,	21,	22.	March	19,	20,	21,	22,	23.
April	5,	6,	7,	15,	16.	May	2,	3,	4,	5,	23.	June	19,	20,	21,	22,	30.
July	9,	15,	16,	17,	22.	August	4,	5,	6,	18,	23.	September	8,	9,	10,	11,	19.
October	6,	7	8,	9,	18.	November	2,	3,	14,	28,	29.	December	4,	5,	25,	30,	31