



PUBLICATIONS
of the
DOMINION OBSERVATORY
OTTAWA

Volume XXIII • No. 3

**RECORD OF OBSERVATIONS
AT THE AGINCOURT MAGNETIC OBSERVATORY
1957 and 1958**

W. E. Ross and A. E. Evans

CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

Dominion Observatories

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Price 25 cents

CONTENTS

Agincourt Observatory

	PAGE
INTRODUCTION.....	287

1957

TABLES

1-48 Hourly Values of Horizontal Intensity, Declination, and Vertical Intensity, Hourly, Daily, and Monthly Means; Daily Extremes and Range; Monthly Means.....	294
49-57 Diurnal Inequalities of H, D, and Z; Monthly, Annual and Seasonal.....	342
58 Three-hour Range Indices.....	345

1958

1-48 Hourly Values of Horizontal Intensity, Declination, and Vertical Intensity; Hourly, Daily, and Monthly Means; Daily Extremes and Range; Monthly Means.....	348
49-57 Diurnal Inequalities of H, D, and Z; Monthly, Annual and Seasonal.....	396
58 Three-hour Range Indices.....	399

AGINCOURT MAGNETIC OBSERVATORY, 1957-1958

Geographic Latitude 43° 47'N

Longitude 79° 16'W

Geomagnetic Latitude 55°.0 N

Longitude 347°.0 E

Officer-in-Charge: W. E. Ross

Assistant: A. E. EVANS

Introduction

Brief accounts of the physical establishment of Agincourt Magnetic Observatory may be found in Publications of the Dominion Observatory, Volume XXIII, Numbers 1 and 2.

During the International Geophysical Year the Observatory continued normal operations without any abrupt expansion. Additional equipment was installed to ensure readable magnetograms at all times. Measurements and tabulations of three-hour range indices and allied phenomena were effected at Ottawa by A. A. and M. H. Onhauser.

Absolute Instruments

The following absolute instruments were in use: Elliott 48 for declination, Teopfer 89 for inclination, and QHM 258 for horizontal intensity. The Schuster-Smith electrical magnetometer continued to be used for comparisons with the QHM 258.

I.M.S. corrections were:

- for D, I.M.S. = Agincourt (Elliott 48) -0'.8
- for I, I.M.S. = Agincourt (Toepfer 89) -0'.15
- for H, I.M.S. = Agincourt (QHM 258) +3.7γ
(0.00024H)

Variometers

The photographic three-component normal sensitivity sets, la Cour and Ruska, were used for continuous recording. In July 1957 a three-component visibly recording electrical magnetometer, T613, built commercially to a Dominion Observatory design, (Serson 1957) was installed. The scale values of these variometers being:

	D	H	Z
la Cour	1957 per mm 0'.91	5.09 γ	6.0 γ
	1958 per mm 0'.92	5.09 γ	6.0 γ
			to end of

	D	H	Z
la Cour			July 6.1 γ Aug. to Dec.
Ruska	1957 per mm 1'.09	2.1 γ	5.1 γ to end of June 5.2 γ July to Dec.
	1958 per mm 1'.09	2.1 γ	5.2 γ to end of April 5.3 γ May to Dec.
Visibly Recording Magnetometer	1957 per mm 2'.0	8.3 γ	8.5 γ
	1958 per mm 2'.0	8.3 γ	8.5 γ
		2'.2	9.2 γ
			8.0 γ Sept. to Dec.

The visibly recording magnetometer proved useful in the absence of any other low sensitivity set, in the event of severe magnetic storms and also for showing at once the state, quiet or disturbed, of the magnetic elements.

Notes on the Tables

Greenwich Mean Time (U.T.) is used.

In Tables I to III base-line values are for the la Cour variometers. In 1957 an abrupt rise of 157 gammas occurred in the H baseline, due to an adjustment (decrease of the ordinates) on May 2. In 1958, on August 1,

the change in the Z scale coefficient from 6.0 gammas per mm to 6.1 gammas per mm involved an abrupt drop of 2 gammas in the Z base-line.

In Table IV (non-cyclic change) A, Q, and D indicate all, quiet, and disturbed days respectively. Declination is taken as positive easterly in Table IV, 50, 53, and 56 (diurnal inequalities).

In Table V the annual means are based on all days.

In Tables 1 to 48 (hourly values and daily extremes) hourly values are averaged over the hour whose G.M.T. beginning and ending are shown by the pair of figures heading the column.

Highest and lowest values for the month etc. are marked in the daily extremes tables and the diurnal inequalities tables (49-57). In the latter a positive value is greater than the 24-hour mean.

- 4 -

TABLE I - H BASE-LINE VALUES OBSERVED AND ADOPTED

Date	Observed	Adopted	Date	Observed	Adopted
1957	γ	γ		γ	γ
Jan. 10	15293	15293	June 4	15433	15431
28	293	293	7	433	432
29	287	293	12	432	432
30	291	293	20	437	432
Feb. 6	289	293	27	437	432
8	296	293	July 11	439	433
25	288	291	18	438	433
26	290	291	24	430	433
Mar. 5	282	290	Aug. 7	434	434
8	284	289	Sept. 19	440	435
13	283	288	26	425	435
Apr. 1	282	280	Oct. 17	434	435
3	283	279	24	436	435
11	276	275	31	436	435
16	275	273	Nov. 7	436	435
25	269	271	28	436	436
26	267	271	Dec. 5	441	437
May 1	267	270	17	440	437
8	428	429	27	436	437
14	433	430			
1958					
Jan. 7	15440	15437	June 12	15428	15430
30	437	436	19	427	430
Feb. 6	441	436	July 10	430	430
25	436	434	17	428	430
Mar. 6	431	433	24	428	428
27	435	432	Aug. 8	435	426
Apr. 15	431	431	20	427	425
24	429	430	Sept. 24	415	425
May 1	428	430	Oct. 8	417	425
15	432	430	30	424	425
21	429	430	Nov. 6	425	425
27	431	430	21	426	425
June 4	428	430	Dec. 10	433	425
5	431	430	23	428	425

- 5 -

TABLE II - D BASE-LINE VALUES OBSERVED AND ADOPTED

Date	Observed	Adopted	Date	Observed	Adopted
1957					
Jan. 8	7 39.6	7 40.0	May 16	7 42.4	7 41.9
14	39.7	39.9	17	42.1	41.9
17	40.3	39.9	29	41.4	41.9
25	40.0	39.9	31	41.9	41.9
30	39.6	39.8	June 3	42.7	41.9
Mar. 11	39.4	39.6	July 9	42.0	41.9
12	39.6	39.6	23	41.3	41.9
14	39.5	39.6	Oct. 9	42.6	42.0
Apr. 9	41.0	41.5	15	41.0	42.0
10	40.6	41.5	16	42.9	42.0
12	42.8	41.7	Nov. 6	43.1	42.4
15	42.6	41.9	12	43.1	42.5
17	42.2	41.9	Dec. 4	43.6	42.8
18	42.7	41.9	11	41.9	42.8
1958					
Jan. 8	7 43.4	7 43.1	Sept. 8	7 42.2	7 42.8
29	43.2	43.2	16	43.0	42.8
Feb. 26	44.5	43.3	26	41.3	42.6
Mar. 4	43.1	43.4	Oct. 2	42.6	42.5
5	43.8	43.4	7	43.0	42.4
Apr. 2	43.3	43.4	29	42.2	41.9
8	44.3	43.4	Nov. 13	41.0	41.5
9	43.0	43.4	27	41.0	41.0
May 6	43.7	43.4	Dec. 9	40.7	40.5
June 10	44.1	43.4	16	39.7	40.3
24	44.3	43.3	22	39.4	40.3

- 6 -

TABLE III - Z BASE-LINE VALUES OBSERVED AND ADOPTED

Date	Observed	Adopted	Date	Observed	Adopted
1957	γ	γ		γ	γ
Jan. 8	56077	56050	May 9	56042	56044
17	024	050	13	053	045
24	069	050	30	068	045
30	019	050	July 9	055	045
31	067	050	23	036	045
Mar. 7	085	046	Sept. 25	077	049
Apr. 10	049	044	Oct. 15	089	050
24	039	044	Nov. 20	018	050
29	028	044	Dec. 4	042	050
May 7	022	044	30	045	050
1958					
Jan. 8	56062	56050	Sept. 10	56087	56058
29	069	050	10	047	058
Feb. 27	034	050	24	070	059
Mar. 4	038	050	24	092	059
Apr. 1	030	050	Oct. 2	075	060
9	029	050	16	082	060
16	060	050	23	055	060
22	059	050	29	051	060
June 10	031	050	Nov. 11	069	060
July 25	042	054	19	051	060
			Dec. 9	034	060

- 7 -

TABLE IV - NON-CYCLIC CHANGE (24h. - Oh.)

Month	Horizontal Intensity			Declination			Vertical Intensity		
	A γ	Q γ	D γ	A "	Q "	D "	A γ	Q γ	D γ
1957									
January	-0.8	+5.0	-5.8	-0.04	+0.21	-1.58	+0.6	-3.1	-0.4
February	+0.9	+3.0	-29.9	+0.03	+0.25	+1.36	-0.7	-3.6	-12.2
March	-0.8	+8.0	-15.9	+0.07	+0.92	-0.36	+2.0	-10.5	+30.2
April	+1.2	+10.1	+10.4	-0.04	+0.73	+1.83	-0.9	-9.3	-14.0
May	+0.1	+4.2	-7.1	-0.09	-0.05	-1.85	-1.4	-6.4	-8.1
June	+2.2	+7.4	-0.8	-0.57	-0.85	-4.14	-1.9	-2.3	-9.4
July	-1.6	+0.9	-23.2	+0.54	-0.26	+2.00	+1.9	-7.4	+16.5
August	-0.7	+3.9	-25.7	+0.03	-0.07	-0.64	+2.0	-3.0	-4.7
September	-0.1	+3.3	-111.2	-0.13	+0.39	-8.50	-0.7	-1.8	-20.2
October	+1.0	+4.8	+2.8	+0.10	+0.71	+1.64	-1.3	-5.0	+14.4
November	+0.1	+1.7	-7.9	-0.02	+0.06	-1.07	+0.1	-2.1	+7.7
December	-1.5	+4.9	-5.5	-0.28	+0.17	-1.22	+3.2	-2.9	+13.1
1958									
January	+1.3	+4.9	+1.0	+0.26	+0.63	+0.17	-3.4	-3.0	-20.1
February	+0.4	+3.7	-16.8	0.0	+0.45	+1.31	+0.2	-5.2	+6.2
March	+0.3	+2.4	-13.9	-0.02	-0.41	+1.78	+0.7	-3.3	-12.9
April	+0.8	+3.8	-4.6	+0.10	+0.67	-0.09	+0.5	-8.3	+21.8
May	+11.5	+6.0	+63.9	+0.26	-0.18	+1.99	+2.9	+1.0	+14.2
June	-12.4	+10.3	-91.5	-0.31	-0.52	-0.05	-4.2	+2.1	-23.1
July	+0.1	+6.6	+1.6	+0.11	+0.20	+1.03	+0.1	+5.4	+31.9
August	+0.2	+2.9	-13.1	-0.64	-0.43	-0.65	-4.8	-2.0	+5.0
September	-0.4	+3.9	-30.6	-0.92	+0.25	-1.06	+0.6	-2.0	+37.7
October	+0.7	+4.5	-16.3	+0.83	+0.41	+0.22	-0.5	-1.0	+28.6
November	-0.3	+6.2	-5.9	+0.57	+0.38	-0.29	-3.8	-2.9	+0.2
December	+0.2	+8.4	-19.6	-0.01	+0.42	-1.00	+0.2	-1.6	+12.9

- 8 -

TABLE V - ANNUAL MEANS

Year	D		H	Z	I		F
	°	'	γ	γ	°	'	γ
	West				North		
1938	7	35.1	15310	56564	74	51.3	58599
1939		34.0	292	522		51.7	554
1940		32.3	281	503		52.0	533
1941		32.4	288	482		51.3	514
1942		31.4	303	460		50.1	497
1943		30.8	309	461		49.7	500
1944		30.1	313	406		48.7	454
1945		27.7	322	392		48.0	436
1946		25.5	311	361		48.1	404
1947		22.3	338	370		46.7	419
1948		22.5	355	302		44.7	358
1949		20.9	360	237		43.4	297
1950		22.0	399	236		41.2	306
1951		17.2	419	233		40.0	309
1952		15.7	445	214		38.2	297
1953		15.2	487	219		35.9	313
1954		16.0	522	209		33.8	313
1955		16.4	562	194		31.3	309
1956		16.8	601	218		29.4	343
1957		19.1	642	203		26.8	339
1958		19.7	686	196		24.2	344

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 1 Agincourt (H) 15,000 γ + January 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	648	648	647	648	645	642	642	640	640	638	639	635	642	632	617	597	588	597	604	616	628	634	637	636	631
2	637	632	626	632	634	635	634	635	633	645	630	616	623	627	626	619	606	605	620	639	635	616	627	632	628
3	619	614	612	617	614	612	610	612	614	616	618	623	618	612	602	587	579	581	586	595	601	615	621	624	608
4	624	627	626	622	622	624	623	621	622	627	626	624	625	621	610	596	588	593	601	611	622	629	632	636	619
5 Q	639	640	639	640	641	641	640	640	640	640	641	640	639	632	619	608	596	591	601	616	629	640	641	640	630
6	641	641	642	641	647	648	647	647	641	639	637	639	637	632	624	614	601	589	607	626	645	658	661	655	636
7	656	653	652	654	647	642	647	638	641	638	636	641	642	642	637	626	616	605	610	624	639	653	654	651	639
8	645	637	636	634	637	641	648	645	642	642	637	635	647	639	641	636	613	600	612	619	617	625	625	624	632
9	636	628	631	632	629	631	633	638	639	641	642	640	643	634	612	598	590	577	587	597	619	627	626	626	623
10 D	619	618	612	609	621	608	606	594	592	602	617	627	625	613	595	592	578	580	585	593	610	592	610	625	605
11	614	618	620	620	617	620	622	619	602	608	605	612	629	624	620	607	599	594	599	608	620	622	628	630	615
12	631	628	625	619	637	637	628	622	618	623	635	635	633	628	625	616	607	607	613	623	634	641	646	640	627
13 Q	638	642	643	644	645	641	636	636	639	635	635	634	630	624	615	606	599	599	607	616	624	630	634	630	628
14 Q	626	628	628	630	631	635	638	636	635	638	638	636	631	628	621	605	594	597	609	616	624	628	630	629	625
15	629	627	625	627	625	634	634	633	629	636	638	638	636	628	629	618	607	605	607	613	624	633	635	628	627
16	624	628	625	627	625	625	634	630	630	634	638	635	630	634	630	616	602	594	599	605	618	627	635	635	624
17	631	627	627	628	629	632	632	635	635	636	637	638	634	626	618	611	605	602	608	612	614	628	636	638	626
18 Q	637	636	635	635	636	638	637	637	642	641	640	641	643	638	629	617	604	599	605	612	624	634	638	637	631
19	640	638	638	638	636	636	642	643	647	648	652	657	656	648	626	599	590	594	609	620	630	638	635	633	633
20 Q	630	628	627	634	636	636	637	640	639	640	642	646	649	647	639	622	616	616	622	630	640	655	660	662	637
21 D	663	665	660	656	644	639	637	633	619	630	636	640	648	646	637	562	580	559	536	546	631	659	1021	617	648
22 D	541	571	672	592	542	554	559	533	535	556	569	575	572	574	571	562	549	559	573	584	597	605	612	615	574
23 D	613	612	616	615	617	618	620	615	597	592	569	554	574	565	558	559	569	555	559	595	595	607	597	608	591
24	605	603	586	590	592	598	599	599	599	600	605	608	608	610	602	593	592	590	599	599	619	620	652	637	604
25	659	656	624	592	590	594	558	587	600	605	609	612	612	605	592	577	571	568	577	591	612	605	620	628	602
26	628	628	625	618	615	615	615	614	613	609	620	621	619	617	610	592	577	583	587	597	605	620	619	623	611
27	620	618	620	623	628	624	625	627	627	631	634	645	645	628	610	592	583	582	594	609	624	630	636	634	620
28	629	627	630	633	628	628	626	624	625	624	624	623	623	622	615	605	599	599	602	614	625	630	631	635	622
29	633	629	627	628	630	640	635	630	631	630	633	634	636	623	592	601	568	561	551	559	574	610	618	602	611
30 D	590	577	578	583	569	596	568	559	501	554	589	592	615	615	609	587	580	579	569	584	605	617	625	628	586
31	624	622	621	617	618	620	618	612	612	615	620	620	619	625	614	592	597	594	602	615	623	628	623	625	616
Mean	628	627	628	625	623	625	623	622	619	623	625	626	628	624	614	600	592	589	595	605	620	634	644	631	620

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 2 Agincourt (D) West

7° + ...'

January 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	17.8	16.5	15.6	15.3	15.6	15.7	15.7	15.9	15.6	15.0	14.3	18.9	19.3	13.9	10.6	14.3	21.6	24.2	23.5	22.1	21.7	20.5	18.7	17.7	17.5
2	18.4	18.8	17.3	15.5	15.1	15.1	15.5	13.8	15.0	12.9	10.1	09.7	10.9	11.9	10.5	12.0	16.3	19.2	21.9	25.2	31.6	28.4	24.2	25.2	17.3
3	18.3	16.9	15.1	16.3	15.1	15.2	15.5	16.0	16.3	16.4	15.9	15.1	15.1	14.1	13.7	14.9	16.9	20.0	21.5	22.3	22.9	22.2	20.9	19.7	17.3
4	19.1	17.4	17.8	18.3	16.8	16.4	15.8	16.4	15.4	14.4	15.0	14.7	14.2	13.1	13.1	14.0	17.7	21.2	22.5	23.2	22.3	21.4	20.1	19.3	17.5
5 Q	18.3	17.7	16.9	16.5	16.0	16.4	16.8	16.5	16.4	16.5	16.5	15.0	13.8	12.2	10.8	12.3	15.0	19.8	22.9	23.8	24.3	21.5	19.6	18.3	17.2
6	17.6	16.4	15.6	15.5	14.6	14.7	14.9	15.5	15.8	14.8	14.5	14.2	14.1	12.3	10.4	11.3	14.1	18.2	20.2	22.0	22.9	21.0	18.8	17.3	16.1
7	16.4	16.0	14.9	14.5	14.9	14.5	14.4	14.4	15.0	14.3	14.2	14.5	15.2	12.5	11.0	12.3	14.3	18.3	22.0	23.4	22.9	20.4	17.8	17.4	16.1
8	17.6	17.3	16.7	15.0	14.1	13.9	14.6	14.1	13.5	15.0	15.7	17.7	16.6	15.8	12.7	10.8	12.5	17.3	23.1	22.5	24.2	24.4	23.8	19.2	17.0
9	16.8	15.8	14.8	14.9	14.1	14.0	15.3	15.4	15.8	15.2	15.5	14.8	14.5	16.2	14.9	22.9	21.3	24.0	27.8	25.6	25.4	24.5	20.5	21.0	18.4
10 D	20.2	18.6	16.8	13.3	12.7	12.6	11.3	10.6	09.1	16.4	20.0	17.7	19.1	13.1	20.0	25.6	20.9	20.9	23.7	25.0	26.7	23.7	20.9	22.2	18.4
11	20.9	17.2	15.3	15.2	15.2	15.2	15.0	12.8	11.7	10.3	15.2	20.0	19.1	19.1	14.1	12.7	15.1	18.9	21.9	22.3	23.3	21.9	21.0	20.4	17.2
12	17.7	18.2	16.8	15.5	09.2	17.3	15.8	14.9	15.4	14.9	15.8	16.3	15.6	14.3	13.5	13.0	14.3	16.7	18.7	20.2	20.9	19.7	18.2	17.7	16.3
13 Q	16.9	16.3	15.8	14.8	15.3	15.2	15.3	15.7	15.8	14.0	14.9	15.2	15.4	13.9	12.3	13.5	17.5	20.4	21.8	21.3	21.3	20.4	18.9	18.1	16.7
14 Q	17.6	17.2	16.8	16.2	16.6	16.3	16.6	16.2	16.3	15.3	14.8	14.9	15.2	14.1	11.7	13.1	16.2	18.6	19.4	19.8	20.0	19.8	18.9	18.2	16.7
15	17.5	16.8	16.0	16.2	15.2	16.1	15.7	15.9	16.8	17.1	13.7	14.3	13.9	16.3	15.1	12.0	15.8	16.6	19.3	20.6	20.9	20.3	18.6	18.5	16.6
16	18.3	16.6	15.2	15.3	13.9	15.0	17.2	16.0	16.3	14.5	15.1	15.2	17.1	16.5	13.6	12.9	14.8	16.7	19.4	21.2	21.4	20.5	18.6	17.9	16.6
17	17.5	17.0	16.2	15.2	15.3	15.6	16.5	16.2	16.5	15.4	14.2	14.7	13.9	10.7	10.9	12.9	14.0	16.6	19.0	21.2	21.8	21.3	18.7	17.5	16.2
18 Q	16.6	16.2	16.3	16.1	16.2	15.3	16.2	17.6	17.6	15.1	14.9	15.0	13.5	11.7	11.9	12.5	14.8	19.5	22.9	23.6	22.9	20.9	18.1	17.2	16.8
19	16.9	16.3	16.2	16.0	16.3	16.5	16.3	16.0	15.3	14.5	15.9	14.7	12.6	10.7	06.6	09.4	17.1	22.2	24.5	25.1	24.1	23.0	20.0	18.1	16.8
20 Q	16.8	16.2	15.7	14.7	14.8	15.3	15.8	16.4	15.7	15.5	15.3	14.8	13.9	12.7	11.7	12.0	14.5	18.1	20.9	22.1	22.3	21.3	18.6	17.1	16.3
21 D	16.3	15.3	14.8	09.9	10.2	12.0	14.3	14.0	11.1	10.6	09.4	13.8	19.5	12.7	08.5	09.2	27.7	23.0	31.4	30.1	14.7	19.4	22.7	23.2	12.9
22 D	26.5	24.5	05.4	12.1	11.7	08.0	14.8	18.1	25.4	23.6	20.4	17.6	16.2	14.8	13.7	16.9	19.0	22.4	24.0	26.3	26.5	25.5	23.6	22.1	18.7
23 D	21.3	20.3	18.6	18.4	17.9	18.4	19.0	17.8	21.3	15.5	14.3	19.6	25.5	17.3	22.6	22.1	22.1	24.5	26.3	28.3	27.3	28.2	24.7	22.7	21.4
24	20.9	19.9	19.3	14.8	14.4	17.1	16.7	16.7	17.2	17.6	16.6	15.7	15.2	12.6	10.2	10.3	13.5	16.7	20.0	24.5	26.3	24.6	22.7	22.5	17.8
25	24.5	23.1	21.4	13.7	12.0	13.2	22.2	16.1	16.2	17.1	18.6	18.5	17.6	16.3	15.3	16.5	18.5	22.1	25.0	26.7	25.2	23.2	20.9	20.8	19.4
26	20.2	17.4	17.7	17.7	14.3	17.2	15.7	15.6	15.9	17.6	18.0	17.4	15.1	12.9	10.1	10.0	15.8	19.7	23.4	24.3	24.4	24.0	22.0	19.8	17.8
27	19.3	18.0	16.6	15.0	14.7	16.5	17.1	17.4	16.6	15.6	25.4	21.6	15.6	11.3	12.8	17.3	19.2	23.7	24.7	23.5	21.2	21.2	21.1	18.4	
28	19.0	17.1	16.4	17.0	14.8	16.6	15.8	16.1	15.6	15.2	15.4	15.1	15.2	14.2	12.6	15.3	17.4	19.7	22.0	22.5	22.5	22.1	20.7	19.3	17.4
29	18.4	16.9	17.1	16.1	16.2	14.8	16.5	15.6	14.6	14.4	15.5	15.1	13.3	04.7	04.5	14.0	18.5	23.4	27.7	30.9	29.5	28.9	24.9	20.1	18.0
30 D	15.1	08.3	12.5	13.9	18.2	11.5	12.0	21.6	31.2	18.5	22.1	27.1	19.4	13.8	09.1	09.8	15.1	18.8	23.6	26.7	24.8	22.2	20.9	19.7	18.2
31	19.2	18.3	16.0	16.8	15.7	17.4	16.1	15.1	17.1	16.0	16.6	15.5	16.9	13.9	11.1	16.6	18.6	12.4	15.2	25.4	25.2	23.1	20.7	20.7	17.5
Mean	18.6	17.4	15.6	15.3	14.7	15.1	15.8	15.8	16.4	15.5	15.6	16.4	16.1	13.7	12.2	13.8	17.0	19.7	22.6	24.0	23.7	21.3	19.2	19.7	17.3

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 3 Agincourt (Z)

56,000 γ +

January 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	208	208	208	208	208	207	207	207	207	207	206	201	199	204	201	198	201	202	207	212	216	214	211	208	206
2	210	214	214	213	211	211	208	205	208	199	187	192	202	205	199	193	193	199	211	220	243	249	244	236	211
3	225	222	223	220	218	217	216	216	216	216	214	213	214	213	211	205	207	208	213	219	222	223	221	219	216
4	218	217	217	216	214	216	216	213	205	208	212	216	216	214	210	198	199	211	216	220	220	216	214	213	213
5 Q	212	213	212	212	211	211	210	210	210	209	207	208	210	212	213	211	207	210	217	217	216	216	214	213	212
6	211	212	211	212	211	210	208	207	207	207	205	207	207	207	205	197	194	196	204	208	210	211	207	204	207
7	205	206	206	210	210	213	210	207	207	207	204	201	199	199	195	190	193	197	208	213	210	208	207	205	204
8	207	210	213	216	218	214	211	209	205	201	190	183	189	193	201	196	192	201	207	213	216	224	225	222	207
9	220	218	215	214	216	213	212	214	212	210	209	208	210	208	202	205	208	208	216	220	226	234	232	231	215
10 D	229	235	236	237	229	213	146	177	193	203	193	183	193	202	202	201	202	216	223	224	235	253	241	242	213
11	252	232	222	219	216	216	214	204	159	128	144	165	180	186	194	195	195	199	211	216	220	220	219	217	201
12	218	216	214	217	204	199	208	205	205	207	208	209	210	211	211	202	201	200	205	210	215	216	214	211	209
13 Q	210	210	210	208	208	208	207	206	201	204	205	207	208	208	205	196	196	202	210	213	213	213	211	208	207
14 Q	210	210	208	208	207	207	207	205	205	205	205	205	207	210	207	195	192	199	205	208	208	207	209	207	206
15	207	210	208	207	208	207	203	204	205	199	198	201	204	207	206	200	201	204	207	214	214	214	211	212	206
16	214	216	214	213	211	211	206	201	204	207	208	206	207	208	208	199	195	201	207	213	219	219	213	211	209
17	213	213	213	212	209	210	207	204	202	199	201	204	207	210	210	203	201	204	207	211	213	214	211	208	208
18 Q	207	207	206	206	205	205	204	204	200	201	202	204	204	205	205	201	196	196	202	210	213	211	210	207	205
19	207	205	205	204	204	204	200	201	201	201	201	199	199	200	196	189	192	199	207	211	214	214	213	213	203
20 Q	213	213	214	213	210	207	205	205	205	205	204	205	204	201	201	199	201	202	202	205	206	205	205	202	206
21 D	202	204	206	207	202	205	207	205	173	193	184	195	195	196	187	174	186	195	249	289	349	257	(-112)	280	201
22 D	279	290	289	325	283	215	271	248	220	216	229	232	234	232	233	232	231	235	236	235	232	231	230	228	245
23 D	225	229	230	229	228	225	225	223	202	130	116	144	165	208	210	214	219	222	234	250	249	248	238	237	212
24	237	247	249	253	249	241	231	225	225	228	227	225	225	226	225	219	212	214	221	228	234	229	232	253	231
25	330	327	310	273	264	248	170	210	223	226	229	229	229	231	228	229	231	234	266	243	249	242	237	231	245
26	228	229	228	231	236	230	224	220	212	214	219	221	222	223	220	210	211	216	223	223	225	230	226	225	223
27	223	223	222	218	218	223	219	219	219	216	211	194	187	199	204	206	217	222	219	219	222	218	219	218	215
28	219	216	216	217	216	216	217	217	216	214	213	213	214	215	210	207	211	212	212	217	219	219	219	217	215
29	217	217	214	214	211	198	199	210	211	212	207	202	204	205	207	211	213	222	231	243	247	247	253	270	219
30 D	289	247	247	235	135	178	187	171	084	098	152	159	178	183	196	205	217	218	229	231	234	231	229	226	198
31	225	229	228	225	223	222	222	217	207	207	213	216	213	213	211	210	214	223	225	225	229	231	229	226	220
Mean	225	224	223	222	216	213	209	209	202	199	200	201	204	208	207	203	204	209	217	222	227	225	211	222	213

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 4 Agincourt

January 1957

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +		
h. m.	γ	h. m.	γ	γ	h. m.	'	h. m.	'	'	h. m.	γ	h. m.	γ	γ	
1	03 27	651	16 28	586	65	17 23	24.9	14 17	9.1	15.8	20 33	217	12 04	195	22
2	20 05	692	21 11	589	103	20 58	34.1	11 13	6.8	27.3	22 47	267	11 08	172	95
3	00 28	649	16 54	574	75	17 07	23.8	14 30	12.7	11.1	00 28	238	17 35	204	34
4	23 12	639	16 48	586	53	19 18	23.8	15 31	12.5	11.3	19 25	222	15 48	193	29
5 Q	02 42	641	16 48	586	55	20 23	25.8	14 30	9.9	15.9	18 33	219	16 23	205	14
6	21 46	667	17 07	570	97	20 30	23.3	14 31	8.5	14.8	01 05	213	17 07	186	27
7	00 19	665	17 40	590	75	20 07	24.2	14 15	9.5	14.7	19 15	215	16 15	189	26
8	12 38	657	17 27	595	62	21 22	25.7	15 00	9.6	16.1	21 28	226	11 12	171	55
9	10 28	646	17 32	567	79	18 27	28.8	05 38	12.6	16.2	21 50	241	14 52	199	42
10 D	06 16	651	06 37	554	97	21 15	30.1	06 48	0.3	29.8	21 17	262	06 25	80	182
11	23 57	633	09 06	585	48	00 12	27.9	09 28	7.4	20.5	00 15	259	09 19	123	136
12	04 55	673	17 00	602	71	20 06	21.4	04 13	2.9	18.5	00 18	221	05 09	188	33
13 Q	04 10	649	17 44	595	54	19 13	22.0	14 31	11.6	10.4	21 13	214	15 57	193	21
14 Q	06 50	641	17 04	592	49	21 17	20.4	14 50	10.3	10.1	13 57	211	15 58	189	22
15	23 00	638	17 43	599	39	20 57	21.8	15 19	8.9	12.9	20 53	216	09 35	196	20
16	06 58	638	17 20	590	48	18 40	22.2	15 16	11.6	10.6	20 57	221	16 27	193	28
17	23 27	639	17 38	599	40	20 08	22.3	14 11	9.2	13.1	21 04	215	09 19	196	19
18 Q	08 37	645	16 58	597	48	19 37	24.0	13 38	11.2	12.8	20 15	213	16 15	193	20
19	11 22	659	16 42	585	74	18 54	25.6	14 45	4.0	21.6	21 02	216	15 48	187	29
20 Q	23 56	665	17 08	610	55	20 13	22.7	15 05	9.9	12.8	02 16	214	15 20	198	16
21 D	(22 40	<u>1272</u>)	19 58	509	(763)	20 06	<u>50.3</u>	(22 40	<u>-103.6</u>)	(153.9)	22 41	<u>422</u>	(22 40	<u>-370</u>)	(792)
22 D	02 05	912	04 15	<u>424</u>	488	00 15	39.7	02 13	-30.1	69.8	03 14	371	02 05	51	320
23 D	06 22	633	14 00	<u>538</u>	95	12 07	33.8	11 10	8.2	25.6	21 14	256	10 11	91	165
24	22 50	669	19 10	559	110	20 50	29.1	15 10	5.2	23.9	23 59	320	19 11	205	115
25	01 57	677	17 15	511	166	00 50	29.9	03 00	9.8	20.1	00 12	361	06 56	145	216
26	01 54	632	16 08	573	59	19 57	25.4	15 00	7.3	18.1	04 33	240	09 01	202	38
27	11 48	654	16 27	577	77	11 34	30.3	14 43	10.2	20.1	05 10	226	12 04	181	45
28	23 32	638	18 11	594	44	20 03	23.9	04 22	11.6	12.3	21 57	222	15 08	205	17
29	05 40	667	16 35	538	129	18 56	33.6	13 58	-0.9	34.5	23 46	277	05 56	189	88
30 D	23 08	634	08 22	473	161	08 11	39.7	01 08	-5.1	44.8	00 53	315	04 22	33	282
31	21 37	634	17 27	582	52	19 13	26.6	14 42	10.5	16.1	21 35	235	08 26	201	34
Mean		679		568	111		27.6		3.3	24.3		250		154	96
No. days		31		31	31		31		31	31		31		31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 5 Agincourt (H)

15,000 γ +

February 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	626	628	625	623	625	625	628	628	628	625	628	630	633	627	615	606	608	610	615	619	620	630	635	634	624
2	633	637	636	634	625	626	631	629	629	628	628	628	635	628	617	617	610	605	605	628	647	640	635	637	628
3	634	638	637	633	630	628	631	633	633	634	635	639	643	636	622	607	605	602	623	639	649	644	645	634	631
4 D	616	622	625	627	618	613	623	625	628	633	629	623	623	630	602	594	573	589	595	600	605	615	618	608	614
5 D	607	594	582	591	557	554	507	521	526	561	585	620	582	580	599	602	602	596	602	606	620	615	625	622	586
6	623	626	629	624	622	614	609	605	595	602	618	615	615	605	599	593	602	610	614	615	619	624	627	626	614
7 Q	629	633	633	633	632	633	635	634	631	628	630	631	624	615	605	595	596	604	615	622	630	632	636	637	625
8	640	638	634	629	625	625	629	622	630	633	631	630	627	610	598	582	585	597	611	621	632	647	650	643	624
9	641	643	644	645	642	631	627	626	631	635	638	637	633	625	617	613	617	625	636	648	652	648	654	657	636
10 Q	654	652	653	655	652	647	647	651	649	647	647	647	642	636	627	619	617	618	624	630	639	641	646	649	641
11	650	649	643	637	643	638	632	635	637	643	647	648	639	627	622	604	584	608	609	614	618	627	638	641	630
12	644	645	639	627	612	613	623	628	634	628	630	630	629	635	625	620	619	618	622	633	634	639	655	654	631
13 D	643	638	642	634	612	623	595	599	599	592	600	638	589	639	628	629	639	638	634	598	617	608	620	621	620
14	620	628	630	634	629	631	631	634	635	639	633	634	630	619	614	614	615	621	626	629	625	631	635	635	628
15	637	639	638	635	635	639	641	640	638	628	635	646	634	623	630	620	617	627	626	629	641	628	630	639	633
16	643	640	637	632	633	636	640	636	632	638	643	644	640	624	613	605	598	604	620	633	639	638	641	650	631
17	648	649	650	651	650	650	651	653	655	654	653	643	627	612	628	615	631	639	645	649	649	646	649	654	644
18	645	645	640	635	629	623	623	621	624	628	633	638	626	618	613	605	603	603	603	608	625	629	623	636	624
19	627	633	634	633	630	632	630	622	601	631	636	629	614	608	596	594	589	592	626	652	639	642	632	614	622
20	617	623	607	624	628	623	614	619	623	621	618	609	602	601	591	580	584	591	601	613	628	632	633	647	614
21 D	642	624	619	615	621	629	622	582	555	571	598	623	609	601	588	568	597	608	609	614	639	661	627	640	611
22	619	613	618	619	614	593	601	622	625	624	622	618	611	613	617	602	594	612	622	627	640	642	642	635	619
23	637	633	639	635	638	627	623	628	622	633	623	628	629	621	617	604	601	610	612	656	711	641	690	691	635
24 D	776	689	583	582	557	450	421	444	424	287	436	568	602	592	601	590	594	606	622	622	632	624	624	628	565
25	631	628	628	628	626	626	626	623	621	622	625	625	621	619	621	616	618	621	626	632	636	633	633	638	626
26 Q	642	644	643	644	643	643	644	643	642	642	642	639	634	623	616	618	621	621	632	637	641	643	651	652	637
27 Q	651	657	641	640	648	651	649	647	644	641	638	637	630	617	603	597	603	612	624	633	636	638	644	642	634
28 Q	642	644	643	643	643	644	647	647	643	643	641	639	636	616	605	598	602	617	631	646	652	649	651	649	636
29																									
30																									
31																									
Mean	640	637	631	630	626	620	617	618	616	614	622	630	624	618	612	604	604	611	619	627	636	635	639	640	624

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 6 Agincourt (D) West

7° + ...'

February 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	18.0	17.5	17.0	16.6	15.5	16.7	17.5	16.5	16.2	19.7	17.4	16.1	14.3	12.5	12.8	14.2	16.2	18.3	20.2	22.0	21.1	19.8	19.3	18.6	17.3
2	18.0	17.1	16.9	16.1	14.8	16.2	16.1	14.8	16.1	17.1	14.3	11.9	11.6	11.9	09.7	13.6	14.8	18.4	23.9	23.6	22.0	20.9	20.4	19.8	16.7
3	19.8	18.5	16.7	16.2	16.5	17.1	15.9	15.1	15.1	15.2	15.3	14.9	13.8	13.0	11.0	13.5	15.9	19.3	22.7	23.8	23.6	22.6	22.5	24.4	17.6
4 D	20.3	18.5	16.4	16.9	17.1	15.5	12.4	11.9	13.4	15.0	14.6	17.9	22.9	26.1	17.7	25.0	23.1	27.7	28.4	25.3	22.1	19.9	20.2	12.7	19.2
5 D	14.8	14.7	10.6	11.5	16.5	15.6	12.8	16.1	20.1	12.4	12.0	23.1	25.6	31.7	23.4	16.5	16.6	22.6	24.8	24.4	23.9	21.7	21.6	19.3	18.8
6	18.0	16.6	18.9	17.5	17.9	17.4	14.8	13.6	16.0	13.9	12.1	13.3	12.7	12.0	13.8	16.8	21.9	24.0	23.5	21.7	19.8	18.5	18.6	18.5	17.2
7 Q	18.4	17.8	17.8	18.0	17.9	17.6	17.1	16.5	15.1	15.0	13.5	11.5	13.2	14.1	16.1	18.5	20.3	22.1	23.9	23.1	21.7	20.2	20.4	20.3	17.9
8	19.4	19.3	17.9	17.0	17.2	16.2	15.6	13.0	11.7	12.9	11.9	11.5	12.0	10.1	10.3	12.8	17.7	20.2	22.1	20.8	18.5	18.1	19.2	18.5	16.0
9	19.4	17.1	16.8	14.1	16.8	15.1	14.9	15.2	15.7	14.7	13.9	13.3	12.4	13.1	15.1	17.4	19.8	22.0	23.1	21.9	21.2	21.3	20.1	18.5	17.2
10 Q	20.5	18.0	15.8	15.5	15.7	15.6	15.9	15.7	15.1	14.2	16.7	14.8	13.3	13.9	15.1	16.5	17.6	18.8	19.4	18.8	18.1	18.0	18.4	17.6	16.6
11	17.2	16.8	16.1	16.7	15.7	16.5	15.2	14.1	15.0	14.2	14.3	13.6	12.4	10.2	12.2	13.6	19.9	23.4	22.9	21.9	21.1	19.8	18.9	18.5	16.7
12	17.5	17.3	17.2	05.4	12.9	18.2	18.9	17.6	12.8	11.5	13.8	15.0	13.9	12.5	13.3	16.1	15.2	18.4	19.2	18.5	19.5	19.8	19.5	18.9	15.9
13 D	18.9	16.6	17.4	17.4	15.9	13.4	09.3	08.4	09.2	14.5	23.9	21.8	33.5	25.8	23.5	28.4	25.0	18.8	21.1	21.7	18.4	18.0	18.6	18.4	19.1
14	18.3	18.8	18.4	18.0	17.9	17.2	17.0	16.5	18.4	15.6	15.5	14.2	14.2	15.0	17.3	18.9	20.9	20.2	19.4	18.4	17.3	17.9	18.9	18.9	17.6
15	18.4	18.4	18.3	18.4	17.8	18.2	17.9	16.6	16.4	10.3	10.9	12.7	14.6	21.3	19.6	19.1	24.3	21.6	22.4	21.1	19.5	17.4	17.5	17.4	17.9
16	16.5	17.0	17.3	17.4	17.7	17.8	18.2	15.7	14.2	13.2	13.3	15.1	14.2	12.8	14.5	17.0	18.8	22.5	24.9	21.5	18.4	17.9	17.9	17.5	17.1
17	18.1	17.3	17.5	16.5	16.8	16.7	16.5	16.1	15.5	14.9	14.2	14.1	12.8	12.9	15.6	18.7	22.8	23.9	24.6	24.2	23.3	22.0	22.3	23.3	18.4
18	21.7	18.3	17.3	15.4	16.4	14.8	13.3	13.8	14.5	11.4	12.0	12.3	11.4	11.9	12.8	16.0	17.8	20.2	24.0	25.7	23.4	25.7	22.4	23.4	17.3
19	19.4	16.8	16.1	16.0	13.0	14.0	10.2	05.8	02.8	16.0	14.6	13.2	11.4	13.8	13.2	18.5	20.6	24.8	24.7	24.7	23.4	22.1	21.5	21.0	16.6
20	18.3	16.9	14.0	16.0	15.7	16.9	13.6	15.9	16.6	15.4	13.8	16.0	15.4	11.9	12.5	17.6	20.0	23.0	23.9	22.9	21.4	21.8	20.4	20.5	17.5
21 D	19.8	18.4	16.1	17.0	14.7	14.7	13.3	12.4	10.4	07.7	13.3	12.8	09.4	11.4	16.1	18.1	23.0	23.0	23.2	22.8	23.3	24.8	20.9	14.2	16.7
22	17.7	10.1	13.5	14.8	14.8	22.0	18.6	13.8	12.5	15.1	18.3	16.0	17.5	13.2	12.8	14.3	17.2	19.3	21.4	22.0	19.6	21.1	22.3	20.3	17.0
23	19.6	19.8	18.4	14.8	12.0	14.2	16.0	17.2	21.5	15.8	12.7	13.3	14.3	11.8	12.4	14.2	17.9	20.1	18.4	21.0	21.7	19.3	27.0	23.8	17.4
24 D	13.6	13.1	16.0	14.7	25.2	11.1	26.2	17.8	11.0	30.3	23.9	14.2	07.3	13.7	14.5	18.5	21.2	21.0	20.7	19.6	18.5	18.9	19.4	20.6	18.0
25	20.1	19.2	18.1	18.6	17.8	17.9	17.3	16.0	19.2	16.1	13.8	14.1	13.3	13.7	14.5	15.3	18.4	20.5	21.3	20.1	18.9	17.4	17.7	19.3	17.4
26 Q	18.7	18.3	17.3	17.3	17.6	16.9	16.7	16.9	16.0	15.7	15.5	14.8	13.1	11.7	11.8	14.6	18.3	21.1	21.9	20.6	18.7	17.9	18.8	19.3	17.0
27 Q	18.4	18.8	16.9	15.7	16.1	16.9	16.4	15.7	15.5	14.2	13.9	14.2	12.9	12.2	13.3	17.2	20.5	22.3	23.1	22.5	20.7	19.1	18.9	18.8	17.3
28 Q	17.9	17.2	16.9	16.6	16.6	16.4	16.1	15.5	15.1	14.7	13.3	13.1	11.5	08.8	10.2	15.0	19.4	23.0	24.2	22.4	20.9	19.8	19.7	18.9	16.8
29																									
30																									
31																									
Mean	18.4	17.3	16.7	15.9	16.4	16.3	15.8	14.8	14.7	14.9	14.7	14.6	14.5	14.4	14.5	17.0	19.5	21.4	22.6	22.0	20.6	20.1	20.1	19.3	17.4

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 7 Agincourt (Z)

56,000 γ +

February 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	225	219	220	219	217	216	216	216	213	207	207	211	217	213	205	207	213	216	219	219	218	214	214	217	215
2	214	214	213	214	213	216	217	214	211	204	201	205	207	204	201	204	207	211	212	215	219	214	217	219	211
3	221	222	221	218	216	214	211	211	212	211	210	210	209	206	201	196	203	206	211	216	219	225	219	233	213
4 D	237	258	251	228	229	228	221	221	221	221	218	201	180	180	188	204	209	221	234	243	278	285	283	273	230
5 D	255	267	271	236	213	193	157	140	108	096	083	135	161	158	194	216	212	210	219	228	233	243	236	231	196
6	229	230	224	222	224	221	225	222	195	185	207	213	217	210	204	208	213	219	221	222	222	222	219	218	216
7 Q	215	216	215	216	216	215	215	210	204	210	213	210	212	210	210	205	202	206	215	218	218	216	214	217	212
8	219	224	224	228	223	222	217	211	215	216	211	211	213	210	204	199	198	204	210	213	213	210	209	212	213
9	213	213	216	218	218	219	218	215	215	213	210	209	209	204	201	201	206	212	215	216	213	212	215	215	212
10 Q	218	219	215	213	212	212	212	210	209	207	203	200	200	202	203	202	207	212	215	216	213	207	206	207	209
11	206	206	208	210	204	205	207	204	205	207	207	208	209	203	195	196	203	209	207	209	215	215	214	210	207
12	210	207	209	201	191	200	191	189	201	200	203	205	206	205	200	201	207	210	210	209	212	207	212	211	204
13 D	213	213	212	212	209	171	177	188	185	182	132	123	113	141	163	180	186	198	204	231	228	218	215	215	188
14	212	211	212	212	211	211	212	210	208	204	208	206	208	210	209	212	215	214	217	218	213	208	209	211	211
15	211	209	209	211	211	211	212	208	194	188	203	205	203	208	203	200	203	201	209	209	212	212	214	216	207
16	212	211	211	211	212	212	206	205	212	212	209	208	206	209	210	212	214	218	217	215	209	206	209	215	211
17	211	211	211	211	209	209	209	210	209	208	206	205	206	205	205	203	205	208	211	211	211	211	214	218	209
18	229	227	226	226	227	227	227	223	211	209	214	214	212	207	203	200	208	208	208	220	230	241	241	247	220
19	236	225	217	213	209	209	185	182	187	215	211	212	211	209	203	201	202	211	221	242	239	239	250	241	215
20	226	227	229	229	221	214	214	221	220	216	212	212	214	217	211	211	215	218	223	221	223	223	217	217	219
21 D	221	223	229	200	227	223	217	209	137	149	198	218	221	214	206	200	212	217	218	224	238	259	293	283	218
22	264	250	235	228	220	180	174	201	208	207	199	198	202	207	205	199	210	216	211	220	228	222	226	232	214
23	228	232	228	226	197	202	201	194	177	190	198	205	210	208	204	201	210	211	226	232	261	232	276	282	218
24 D	391	253	253	220	156	064	008	131	165	102	070	111	222	237	238	228	229	233	234	230	231	222	222	223	182
25	226	226	229	229	223	220	217	214	209	199	211	214	213	211	207	203	205	209	214	216	218	219	216	216	215
26 Q	216	216	214	213	213	210	213	211	212	213	211	211	214	216	213	210	207	205	208	208	210	211	211	213	212
27 Q	211	214	220	216	216	214	213	213	212	210	208	210	214	213	206	201	202	204	208	210	213	211	210	211	211
28 Q	211	210	208	207	207	208	208	207	207	208	205	208	211	211	205	194	191	192	195	201	206	207	209	206	205
29																									
30																									
31																									
Mean	228	223	223	217	201	205	200	203	199	196	195	199	204	205	203	203	207	211	215	219	223	224	225	225	210

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 8 Agincourt

February 1957

Day	Horizontal Intensity						Declination					Vertical Intensity										
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range							
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +									
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ	γ			
1	23	13	638	15	22	603	35	19	58	23.0	15	17	11.2	11.8	00	14	228	09	57	200	28	
2	20	47	657	18	27	597	60	18	33	25.0	14	28	7.6	17.4	20	47	223	09	46	199	24	
3	22	35	654	17	42	596	58	23	04	25.9	14	30	10.1	15.8	23	58	241	15	31	192	49	
4 D	23	13	662	16	23	556	106	13	27	30.9	23	34	0.6	30.3	23	30	324	12	09	176	148	
5 D	22	06	632	06	31	475	157	13	13	38.1	09	07	2.8	35.3	01	45	288	08	54	56	232	
6	01	54	630	08	28	587	43	17	42	24.9	10	03	10.2	14.7	01	03	235	09	03	167	68	
7 Q	23	00	640	15	25	592	48	18	40	24.3	11	32	9.4	14.9	19	30	219	16	32	200	19	
8	22	05	652	15	53	564	88	18	45	22.5	14	04	8.2	14.3	03	02	229	15	53	189	40	
9	23	59	662	16	00	611	51	18	52	23.5	03	44	9.7	13.8	04	40	222	14	18	200	22	
10 Q	00	16	663	17	11	615	48	00	21	23.1	11	57	12.8	10.3	00	15	220	11	07	198	22	
11	00	02	654	16	39	568	86	16	58	25.8	11	52	7.1	18.7	21	10	216	15	22	191	25	
12	22	59	672	04	52	597	75	05	49	23.5	03	38	0.2	23.3	18	52	218	07	21	179	39	
13 D	18	26	692	12	28	545	147	12	40	42.7	06	11	1.8	40.9	20	02	254	10	44	90	164	
14	07	11	648	15	47	612	36	16	18	21.6	12	02	13.3	8.3	19	56	218	09	09	203	15	
15	11	38	653	15	56	607	46	16	28	25.8	09	51	8.9	16.9	22	43	217	09	06	181	36	
16	23	41	654	16	43	596	58	18	24	25.0	13	27	12.3	12.7	19	00	218	07	07	197	21	
17	10	32	662	11	26	599	63	18	52	25.6	13	15	10.4	15.2	23	51	222	14	33	199	23	
18	00	23	663	18	43	592	71	21	24	28.9	13	11	7.7	21.2	23	05	250	15	16	197	53	
19	19	23	677	17	02	583	94	19	52	27.0	07	58	0.0	27.0	22	43	263	06	50	166	97	
20	23	15	652	15	24	576	76	18	02	24.8	14	05	8.6	16.2	01	50	233	15	07	208	25	
21 D	21	43	676	08	42	535	141	23	58	32.8	08	05	0.0	32.8	23	32	334	08	41	34	300	
22	23	59	648	05	57	572	76	00	01	32.6	14	12	5.9	26.7	00	06	280	05	52	147	133	
23	23	57	832	18	32	588	244	23	14	36.2	04	14	6.8	29.4	23	59	405	08	35	84	321	
24 D	01	08	975	09	20	200	775	04	22	80.0	04	04	-35.5	115.5	00	01	403	04	20	-234	637	
25	23	28	643	15	28	611	32	08	55	22.2	13	20	12.9	9.3	03	05	229	09	18	190	39	
26 Q	23	39	656	14	02	612	44	17	55	22.2	13	55	10.8	11.4	13	05	217	17	22	202	15	
27 Q	01	31	663	15	32	596	67	18	23	23.9	03	11	11.9	12.0	02	33	222	16	10	198	24	
28 Q	20	15	656	16	03	595	61	18	23	24.7	13	56	8.5	16.2	14	37	211	17	02	189	22	
29																						
30																						
31																						
Mean			674			571	103			28.8			6.2	22.6			251			157	94	
No. days			28			28	28			28			28	28			28			28	28	

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 9 Agincourt (H)

15,000 γ +

March 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	651	650	651	651	651	650	650	652	650	649	647	651	633	621	636	622	608	632	656	661	663	669	682	679	649
2 D	652	664	688	587	604	306	025	182	428	484	418	382	337	342	509	533	553	583	588	596	707	720	646	616	506
3	579	579	566	580	589	554	476	583	596	600	601	586	589	570	566	582	571	590	606	606	618	616	623	626	586
4	632	608	612	606	602	607	610	611	617	611	612	611	602	590	594	591	589	602	622	632	640	630	632	632	612
5	631	634	632	637	637	635	631	629	630	624	621	626	619	594	595	595	587	586	599	623	641	652	628	645	622
6	627	635	631	632	631	634	631	614	621	622	619	620	612	593	574	566	580	601	611	627	634	630	630	634	617
7 Q	636	637	642	636	632	634	634	635	637	633	631	633	621	605	595	591	588	608	619	635	646	653	646	646	628
8	637	638	639	636	638	639	625	614	629	635	635	625	614	612	609	595	588	583	602	619	626	640	649	649	624
9	634	632	629	619	626	634	620	630	635	636	635	626	619	606	594	593	589	586	609	622	635	636	637	643	622
10 D	652	659	646	646	615	614	610	606	558	626	693	443	385	323	387	437	517	553	645	682	710	700	629	625	578
11 Q	610	603	604	605	599	599	601	604	606	602	604	603	598	593	584	580	582	590	595	605	616	614	615	620	601
12 Q	620	628	623	613	615	620	624	619	631	635	636	634	623	609	599	586	586	589	598	610	625	630	633	638	618
13 Q	636	639	639	639	640	643	645	644	645	645	638	635	630	610	608	587	573	592	608	619	626	638	638	637	627
14 Q	643	645	648	646	645	648	650	650	651	653	653	649	633	619	609	602	599	605	617	628	643	648	651	649	637
15	653	653	641	645	649	653	657	658	659	657	659	654	643	623	604	586	587	589	608	623	650	684	697	669	642
16	660	651	640	628	633	633	641	633	635	637	637	630	617	606	602	589	586	596	634	645	649	704	614	622	630
17	627	631	627	623	628	622	619	622	629	632	633	629	608	584	571	561	537	554	592	611	640	654	653	647	614
18	638	640	637	642	649	641	641	644	646	645	639	616	613	626	593	571	564	575	592	616	646	650	658	648	626
19	644	642	646	646	643	641	642	643	648	648	646	632	616	620	603	582	575	582	601	624	651	650	657	650	631
20	641	635	643	649	643	613	621	616	624	643	650	643	629	613	596	576	572	585	601	621	635	648	659	658	626
21	652	654	655	650	637	642	646	646	646	650	650	649	644	625	610	574	574	586	621	640	640	654	642	666	636
22	630	626	632	633	631	622	632	628	617	622	638	625	609	589	595	591	574	572	609	620	629	646	641	627	618
23	634	624	613	616	626	635	634	644	642	642	635	620	626	619	603	578	565	579	601	626	641	646	655	647	623
24	646	640	642	640	641	644	645	646	644	642	644	635	621	611	596	585	588	600	619	637	662	647	634	639	631
25	643	648	647	602	578	586	619	635	600	572	588	595	580	590	593	574	559	563	586	608	625	632	635	638	604
26	639	637	636	636	634	633	635	637	636	637	637	627	612	613	594	600	593	599	614	619	633	644	633	631	625
27 D	611	633	632	622	617	625	627	620	628	624	629	634	619	632	582	573	603	614	624	646	681	762	717	697	635
28 D	713	749	540	589	576	395	331	304	299	466	608	604	595	583	566	543	568	579	591	604	624	632	634	635	555
29 D	630	643	633	636	644	639	637	642	639	641	612	610	610	574	544	507	598	582	586	585	617	627	676	630	614
30	649	617	622	655	623	607	602	597	600	602	598	588	575	561	550	547	553	572	591	611	625	618	644	631	602
31	626	632	623	624	620	611	612	615	624	620	619	612	594	577	580	565	561	585	602	611	655	688	658	635	615
Mean	638	639	631	628	626	608	596	603	611	621	621	610	598	585	582	573	576	587	608	623	643	654	647	642	615

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 10 Agincourt (D) West

7° + ...'

March 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	18.0	16.9	16.5	16.6	16.0	15.2	15.1	13.8	12.7	11.4	10.2	09.8	12.2	16.1	17.0	17.3	19.1	26.7	28.9	26.5	24.8	23.0	23.4	26.6	18.1
2 D	20.2	18.5	07.5	00.5	13.8	57.2	74.7	19.7	13.4	13.6	04.5	25.9	40.3	35.7	25.3	28.4	22.9	21.3	28.3	32.9	25.8	22.0	25.3	15.4	24.7
3	12.2	15.4	07.1	13.1	14.9	20.4	36.7	14.6	13.6	17.4	17.3	17.8	12.7	14.2	18.3	16.3	15.0	15.5	20.5	23.7	21.8	19.9	18.6	19.0	17.3
4	19.1	14.1	13.7	13.1	12.0	17.7	16.3	14.6	14.6	13.3	14.6	14.9	12.7	14.1	15.2	15.9	19.2	21.9	22.5	21.8	20.5	20.7	20.2	21.2	16.8
5	18.4	16.9	17.8	17.5	15.9	14.5	15.1	15.9	17.3	19.2	15.9	11.9	09.9	09.8	12.7	14.4	19.3	24.8	28.0	26.5	22.9	21.2	21.4	20.6	17.8
6	16.9	17.8	17.4	16.4	15.9	15.5	12.0	10.9	15.6	11.7	14.8	15.7	10.4	09.8	10.0	15.6	16.8	21.4	23.7	26.0	26.6	22.8	20.5	19.1	16.8
7 Q	17.7	16.0	15.1	15.9	15.9	16.0	16.4	16.0	14.6	14.9	14.3	13.9	11.7	09.4	12.8	17.5	21.3	25.1	24.4	24.7	23.2	23.2	21.9	22.0	17.7
8	19.8	17.4	17.0	17.2	16.4	15.6	12.1	13.1	12.2	15.4	15.9	13.2	13.1	13.7	11.0	14.3	20.0	24.7	26.4	26.4	25.0	24.1	22.7	16.8	17.6
9	17.2	18.6	17.4	14.0	14.9	12.2	11.4	12.3	13.7	13.2	14.6	14.8	11.8	10.3	12.5	17.4	19.3	24.8	24.7	24.8	23.8	22.6	21.8	20.2	17.0
10 D	17.4	16.5	16.2	14.5	10.1	08.9	11.8	12.2	14.9	09.3	05.9	30.1	36.7	37.3	42.9	36.5	32.1	30.3	21.9	20.6	18.6	19.8	21.9	24.9	21.3
11 Q	25.2	21.4	20.0	17.5	17.2	14.5	15.9	17.2	16.9	16.4	15.9	15.0	14.0	12.7	13.6	16.9	21.5	23.2	23.1	21.1	19.6	18.7	19.2	19.3	18.2
12 Q	19.3	19.1	19.1	14.8	14.2	13.7	11.9	13.1	13.1	13.5	15.5	16.8	12.7	10.3	13.2	18.2	22.0	24.1	23.9	22.9	21.1	19.4	19.1	19.1	17.1
13 Q	19.1	18.6	18.2	17.3	16.9	17.1	16.8	16.1	15.5	14.7	18.0	18.2	16.0	16.9	15.9	17.9	21.5	27.9	26.6	25.0	23.8	20.5	18.8	18.3	19.0
14 Q	18.6	18.6	17.8	17.1	16.3	15.9	15.8	16.2	16.3	17.3	14.9	13.4	10.8	08.6	08.9	14.8	18.3	21.4	22.4	21.8	20.2	19.2	17.8	17.8	16.7
15	18.1	17.4	16.3	15.4	16.9	16.4	15.9	15.7	14.9	14.5	13.7	13.1	10.1	09.1	10.0	14.5	21.0	23.9	25.7	26.1	25.1	22.7	22.0	22.9	17.6
16	21.9	15.9	17.8	16.5	17.3	14.9	13.5	14.1	13.9	13.2	13.1	11.4	08.0	07.7	10.1	15.5	20.1	24.9	23.7	25.2	26.5	23.9	21.4	21.1	17.2
17	20.3	19.3	18.2	17.4	16.4	12.0	13.5	15.0	16.3	16.0	15.6	13.5	09.2	10.1	11.1	13.8	21.2	28.0	27.9	28.1	26.5	23.0	19.2	19.3	18.0
18	18.5	18.4	17.5	11.9	15.0	16.6	16.1	19.7	15.4	13.9	15.1	18.5	22.6	15.1	07.6	12.8	19.2	24.1	27.6	27.9	26.3	21.3	19.5	18.9	18.3
19	18.6	17.7	17.5	16.3	15.7	15.7	15.3	14.2	16.1	14.9	11.5	11.6	14.9	08.0	06.9	11.7	16.8	22.3	26.7	27.6	24.6	23.6	21.3	19.0	17.0
20	16.7	17.8	16.8	16.0	14.0	12.1	14.8	09.9	14.4	18.7	16.5	13.4	11.2	09.2	09.4	12.3	18.6	21.8	23.6	24.8	24.4	22.3	19.6	19.8	16.6
21	18.7	18.6	18.7	17.0	15.1	14.4	15.0	15.4	15.4	15.5	14.9	13.9	11.3	06.7	07.5	09.1	19.5	26.4	28.3	32.5	28.6	23.7	22.2	26.9	18.1
22	19.7	18.3	16.5	15.9	14.5	13.7	11.9	10.4	15.4	20.0	13.6	10.8	13.6	14.2	14.4	16.5	22.0	26.5	28.4	28.3	25.2	23.8	18.9	15.4	17.8
23	07.3	13.3	14.3	17.4	15.5	13.8	15.5	17.0	14.3	16.0	18.4	21.5	16.6	12.1	11.3	14.6	23.1	26.3	26.2	25.7	25.2	23.4	21.2	18.9	17.9
24	16.1	14.7	11.5	15.6	17.1	17.0	17.1	16.9	19.2	16.2	14.5	11.9	09.0	07.3	08.2	12.8	18.0	21.6	24.5	26.7	26.3	21.7	20.6	19.5	16.8
25	18.8	17.0	17.9	12.0	06.4	15.6	14.7	13.5	18.5	17.7	15.6	28.6	16.6	15.4	11.7	16.8	22.1	25.9	26.8	25.4	23.2	21.3	19.9	19.0	18.3
26	18.6	18.7	18.5	18.6	18.1	17.6	17.2	16.2	16.1	15.6	15.7	14.3	15.7	14.5	16.2	21.6	27.1	29.5	30.1	28.3	26.3	24.1	21.5	19.9	20.0
27 D	13.1	18.6	18.3	16.9	17.9	19.2	18.7	20.9	17.2	10.9	16.9	16.8	17.5	11.7	10.7	22.1	26.7	26.7	29.3	30.7	29.1	25.0	22.1	20.1	19.9
28 D	14.1	07.7	11.2	13.6	18.7	23.0	28.5	42.2	23.9	28.2	06.8	12.3	11.8	11.7	12.7	20.5	24.1	26.5	27.3	26.2	23.8	21.7	20.0	19.7	19.8
29 D	20.2	19.7	16.8	17.0	18.2	18.3	15.5	12.8	12.5	14.1	13.9	12.3	11.4	16.0	25.7	20.9	39.4	25.6	31.7	34.4	26.0	25.7	16.9	22.3	20.3
30	21.0	10.3	16.9	16.6	16.0	17.2	17.8	19.4	19.2	17.6	16.7	13.8	12.4	12.5	14.8	19.0	23.5	26.2	27.1	26.1	25.0	23.3	22.5	20.7	19.0
31	18.8	20.3	18.5	18.2	14.9	16.4	15.4	13.8	15.8	14.6	14.8	15.2	12.4	10.7	12.9	15.5	19.3	20.8	26.6	27.1	24.1	20.9	20.5	13.1	17.5
Mean	18.0	17.1	16.2	15.4	15.4	17.0	18.0	15.9	15.6	15.4	14.2	15.6	14.5	13.2	13.9	17.1	21.6	24.5	26.0	26.3	24.3	22.2	20.7	19.9	18.3

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt (Z)

56,000 γ +

March 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	207	208	209	207	205	207	205	204	204	201	197	197	196	192	185	180	180	187	192	196	200	208	216	256	202
2 D	287	292	246	202	231	-079	191	245	347	208	117	123	143	168	233	264	249	262	299	295	330	340	298	321	234
3	296	281	270	213	226	176	152	189	213	233	233	230	233	219	212	211	219	236	237	236	231	224	224	223	226
4	230	233	239	235	231	210	206	209	214	209	206	211	215	218	218	211	215	216	220	219	219	220	224	227	219
5	228	227	228	227	212	210	213	218	213	201	195	204	210	215	212	209	209	213	221	222	226	230	222	230	216
6	245	232	221	216	215	210	208	198	197	201	207	215	218	215	210	206	210	219	221	225	228	222	218	216	216
7 Q	216	217	216	215	219	215	213	212	211	203	204	211	215	212	212	205	207	212	213	215	219	225	225	229	214
8	240	222	217	215	212	212	204	191	195	211	213	212	207	201	197	188	194	201	210	218	224	227	225	227	211
9	227	227	231	233	213	185	183	200	206	207	207	206	211	212	213	215	209	213	219	225	228	228	221	215	214
10 D	215	210	212	205	204	224	189	162	101	170	146	-083	-089	021	110	219	257	281	300	278	308	320	287	284	189
11 Q	269	260	257	243	233	225	221	227	225	222	222	222	221	219	219	212	218	225	231	231	228	227	221	221	229
12 Q	218	218	217	215	220	211	200	190	182	202	208	212	214	215	214	212	218	221	226	226	220	218	215	217	213
13 Q	215	214	214	212	209	205	203	207	209	209	208	206	204	202	201	193	199	212	225	231	227	235	223	217	212
14 Q	212	208	211	209	209	208	208	206	208	202	200	206	209	205	202	193	196	200	208	209	211	209	206	205	206
15	206	203	208	208	208	207	203	205	202	206	205	208	206	205	202	200	206	209	214	215	211	218	224	216	208
16	242	265	265	236	224	214	206	211	211	206	208	212	211	209	203	202	202	206	215	264	282	305	229	215	227
17	216	222	229	225	213	195	197	206	212	212	214	217	215	213	214	218	215	226	220	221	217	217	217	215	215
18	215	212	215	205	193	200	203	198	203	205	206	187	179	187	190	194	202	209	220	226	226	220	217	206	
19	214	214	213	211	209	208	208	205	190	167	167	178	185	190	190	191	190	197	204	213	230	220	218	220	201
20	223	228	220	214	208	203	176	151	184	187	199	209	213	214	206	193	191	196	200	206	210	214	219	216	203
21	213	210	211	214	213	211	208	205	205	204	204	205	205	201	196	187	188	195	205	219	240	267	262	291	215
22	275	231	219	219	216	217	201	192	177	163	177	192	198	190	184	186	193	213	237	252	246	232	234	241	212
23	213	220	223	196	202	204	195	192	198	199	193	186	189	189	195	193	201	208	214	217	219	217	216	213	204
24	213	211	211	211	210	207	205	199	182	181	198	205	208	204	197	187	189	190	199	211	228	228	207	206	204
25	208	208	208	170	150	165	181	210	172	090	098	111	157	201	208	202	207	211	213	217	214	208	207	207	184
26	207	207	206	207	207	208	206	203	205	206	204	198	192	189	189	179	190	200	201	205	213	226	244	255	206
27 D	246	223	219	217	214	204	196	154	149	157	178	184	174	180	178	180	188	207	237	264	369	312	304	213	
28 D	364	417	158	235	202	026	056	068	018	038	201	225	235	240	222	216	225	224	226	225	223	222	219	216	196
29 D	216	219	223	220	219	208	219	218	214	208	208	210	205	198	165	240	244	256	304	270	249	250	288	309	232
30	297	290	287	272	224	225	221	216	209	216	221	222	221	218	213	221	228	224	219	223	227	224	233	236	233
31	233	224	218	222	215	203	206	199	212	215	216	218	216	213	208	201	207	228	233	236	254	278	272	278	225
Mean	236	234	223	217	212	191	196	196	196	192	195	192	194	196	200	203	208	215	224	228	234	240	234	237	212

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 12 Agincourt

March 1957

Day	Horizontal Intensity						Declination						Vertical Intensity						
	Maximum			Minimum			Maximum			Minimum			Maximum			Minimum			
	15,000 γ +			15,000 γ +			7° W +			7° W +			56,000 γ +			56,000 γ +			
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ	
1	22	10	723	16	28	596	23	33	39.9	11	02	9.1	23	38	297	16	28	171	126
2 D	21	22	774	07	12	-129	06	51	132.8	02	49	-22.0	07	17	531	06	00	-257	788
3	20	34	635	06	16	417	06	28	48.1	02	32	-23.0	02	25	366	06	04	66	300
4	20	20	649	14	03	581	18	05	23.0	03	06	8.0	03	50	243	05	45	197	46
5	21	21	659	17	17	578	19	03	28.4	13	20	6.2	00	46	239	10	26	189	50
6	20	43	641	15	45	561	20	11	27.8	12	55	6.7	00	40	260	08	26	185	75
7 Q	21	28	658	16	25	578	17	16	26.0	13	38	8.6	23	59	238	09	55	198	40
8	23	22	674	17	08	579	00	08	27.5	14	48	9.7	00	13	263	08	00	176	87
9	05	26	654	16	55	578	17	40	26.1	05	12	3.6	03	32	235	05	40	155	80
10 D	20	58	769	13	43	210	12	40	57.8	10	17	-1.2	21	08	359	12	05	-270	629
11 Q	23	59	623	16	08	575	00	01	29.5	14	12	10.9	00	01	308	15	05	211	97
12 Q	08	23	641	16	17	582	18	01	24.2	13	43	8.6	19	04	229	08	15	165	64
13 Q	04	22	646	16	28	566	17	37	29.7	14	38	13.6	21	28	239	15	35	190	49
14 Q	09	55	656	16	27	595	10	26	22.9	14	34	7.5	00	12	214	16	06	190	24
15	22	55	714	15	49	580	19	39	27.5	12	53	8.1	22	51	228	15	35	199	29
16	21	28	761	16	33	572	21	34	35.7	13	32	4.4	21	34	365	16	32	196	169
17	21	52	662	17	06	522	17	22	30.2	13	00	6.9	17	31	232	05	40	181	51
18	22	01	664	16	26	561	18	51	28.6	14	47	5.9	22	57	231	12	03	170	61
19	20	38	664	16	10	571	19	51	28.4	14	23	4.4	20	25	238	09	33	157	81
20	22	32	666	16	03	561	19	56	25.1	07	35	7.3	01	13	232	07	49	144	88
21	23	44	704	15	35	561	23	48	39.7	13	36	4.4	23	52	344	15	36	181	163
22	21	44	662	17	19	556	19	34	29.7	23	59	-0.1	00	02	318	09	12	143	175
23	22	30	659	16	25	558	17	23	27.2	00	06	-4.1	00	01	243	03	47	155	88
24	20	45	674	15	52	581	20	03	28.1	13	32	6.9	21	03	241	08	48	174	67
25	01	51	661	12	35	535	06	03	36.5	03	51	-1.8	02	35	225	09	46	70	155
26	21	15	650	14	36	580	17	40	31.8	13	54	11.6	23	59	277	15	38	171	106
27 D	22	02	948	15	17	548	23	54	38.1	00	19	-4.7	21	52	487	08	48	142	345
28 D	01	06	825	08	46	-101	07	35	74.1	01	57	-10.3	01	05	478	06	28	-129	607
29 D	22	53	728	15	12	398	16	02	53.1	15	15	-7.7	23	07	346	14	14	118	228
30	01	04	708	15	29	544	18	03	27.8	01	36	3.7	01	00	387	08	41	206	181
31	20	54	701	16	42	556	19	36	28.6	13	13	7.5	23	45	307	07	09	186	121
Mean			692			502			36.6			2.9			297			130	167
No. days			31			31			31			31			31			31	31

AGINCOURT MAGNETIC OBSERVATORY, 1957-1958

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 13 Agincourt (H)

15,000 γ +

April 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	617	606	610	611	615	584	583	576	592	603	624	601	594	577	556	536	551	586	612	649	633	643	652	645	602
2	625	618	622	629	628	626	615	600	594	608	620	628	611	600	581	569	583	596	618	634	654	667	653	630	617
3	634	630	634	634	631	628	634	637	631	622	622	612	600	605	589	572	566	585	622	681	674	669	673	671	627
4	632	630	619	621	616	617	620	614	613	619	623	619	613	603	579	558	548	578	617	644	662	666	664	649	618
5 D	630	643	622	626	631	625	616	619	630	634	629	589	582	595	580	577	592	602	614	633	651	663	666	678	622
6	632	612	584	622	606	571	546	554	536	536	587	608	604	593	581	567	573	583	593	604	620	630	634	636	592
7 Q	636	643	641	642	640	639	637	634	636	635	634	633	624	615	602	586	582	587	599	614	633	642	651	660	627
8	654	650	649	654	653	650	637	633	629	622	628	632	626	608	608	599	598	601	610	622	630	649	646	638	630
9	625	633	628	629	636	624	603	618	612	619	623	608	610	599	565	572	586	597	608	628	653	656	622	639	616
10 D	620	600	561	539	541	458	519	362	379	464	528	519	546	521	534	541	570	602	620	607	612	620	632	632	547
11	622	619	629	625	623	626	631	634	628	620	621	595	617	621	615	596	595	600	609	626	626	636	643	638	621
12	643	646	638	632	638	643	629	622	630	631	629	629	620	604	600	596	602	603	614	634	643	637	641	635	627
13 Q	634	635	649	646	642	629	611	619	628	637	631	625	614	604	606	599	601	610	616	622	636	642	648	647	626
14 Q	647	645	643	643	639	639	639	638	638	638	638	639	633	622	608	595	604	611	620	633	645	661	663	663	635
15	656	656	654	654	655	649	642	638	642	651	645	645	642	621	580	587	593	605	619	633	672	731	712	679	644
16	648	634	630	630	621	621	618	620	622	628	620	623	609	594	586	578	589	615	624	635	654	664	668	647	624
17 D	629	635	648	635	621	600	616	629	630	631	633	633	630	618	642	634	633	637	648	695	655	739	718	751	648
18 D	659	664	649	637	637	646	640	647	647	653	652	647	645	635	628	604	600	612	647	653	710	752	720	727	655
19 D	802	705	630	528	545	508	408	491	469	552	596	586	543	554	532	535	571	612	626	659	671	669	688	716	592
20	638	634	649	650	635	618	612	612	624	617	614	611	609	602	599	609	613	627	644	650	637	649	653	665	628
21	658	638	639	644	624	622	628	628	631	629	613	603	604	576	589	614	618	622	628	638	648	653	653	654	627
22 Q	655	650	648	647	648	648	650	652	653	651	649	648	643	632	618	615	627	632	642	646	650	657	661	663	645
23	662	651	646	647	662	647	640	648	653	650	647	642	632	616	627	646	654	662	665	675	684	657	662	659	651
24	653	638	642	645	654	654	652	656	645	645	648	640	624	606	609	626	628	654	641	654	662	672	686	662	646
25 Q	652	643	642	642	643	641	641	640	639	638	640	643	630	611	607	616	641	637	651	652	654	669	660	654	641
26	653	657	659	659	656	657	630	638	637	648	640	626	608	593	566	587	619	624	641	668	707	720	688	678	644
27	673	635	617	627	616	616	631	626	611	616	627	628	611	603	600	589	596	605	616	658	667	654	663	660	627
28	641	645	645	646	650	647	654	651	648	643	648	642	616	579	550	559	556	592	627	651	672	697	686	672	634
29	643	635	625	616	628	635	640	641	637	637	634	623	612	612	606	604	613	627	634	648	653	648	653	653	631
30	651	649	646	646	668	647	643	645	646	644	644	635	636	625	611	579	590	604	628	655	663	691	693	670	642
31																									
Mean	647	639	633	630	630	621	615	614	614	621	626	620	613	601	592	588	596	610	625	643	654	667	665	662	626

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 14 Agincourt (D) West

7° + ...'

April 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	19.3	19.0	17.2	15.9	18.3	26.0	15.4	22.1	17.1	14.5	17.7	16.7	14.5	10.8	11.6	18.3	25.9	29.2	28.8	28.3	26.8	25.1	20.4	21.9	20.0	
2	19.0	15.2	18.0	18.1	17.7	16.3	13.2	13.1	10.4	15.2	19.6	14.0	09.0	08.8	09.8	13.3	20.9	25.0	26.9	27.7	27.7	25.1	22.9	23.2	17.9	
3	18.6	19.7	19.6	19.5	18.3	17.1	17.5	18.6	16.7	18.5	22.9	21.4	16.0	13.8	14.8	20.9	26.6	30.2	32.1	26.1	26.9	26.6	26.7	22.6	21.3	
4	21.5	22.4	13.8	17.4	19.5	17.1	16.2	17.9	16.9	17.7	17.8	16.8	13.8	13.2	13.2	20.4	30.6	34.4	31.6	29.5	27.8	27.5	25.7	27.6	21.3	
5 D	22.2	17.0	14.2	17.0	17.1	16.3	15.0	15.2	17.6	17.6	15.7	30.7	29.0	20.6	13.9	24.8	24.4	26.7	29.9	29.8	26.6	24.5	22.6	15.4	21.0	
6	13.0	13.9	07.8	13.9	16.0	14.2	18.7	12.0	09.2	14.8	12.4	07.4	07.7	07.8	11.2	19.2	23.5	27.9	28.1	27.1	24.9	13.5	11.2	19.3	15.6	
7 Q	19.5	19.8	19.5	17.1	18.7	18.0	17.7	17.7	17.1	16.1	15.8	13.6	11.2	10.7	12.2	16.2	22.9	27.9	30.9	30.9	28.5	24.5	21.8	20.4	19.5	
8	19.0	19.9	19.9	19.0	18.3	15.4	13.2	13.2	12.6	11.1	11.7	10.9	10.8	12.2	19.8	24.6	28.4	30.1	30.0	29.0	27.8	24.3	20.8	22.4	19.3	
9	20.1	17.9	19.1	16.2	16.0	30.1	13.8	10.6	08.3	11.5	11.0	14.5	17.4	14.0	15.5	26.6	30.7	30.1	31.2	30.3	26.3	23.4	20.7	16.9	19.7	
10 D	14.2	09.6	10.0	10.5	20.2	15.5	00.4	34.7	37.9	17.2	25.6	31.2	28.9	27.0	30.1	30.6	30.7	27.3	23.9	25.6	22.5	19.8	18.8	18.8	22.1	
11	16.6	19.8	21.1	20.7	19.8	19.0	18.0	17.3	17.3	18.0	21.6	30.3	24.4	16.5	19.0	21.2	24.7	27.6	28.1	26.8	24.4	23.5	21.9	21.5	21.6	
12	20.8	20.4	20.7	18.6	18.8	16.7	15.3	18.6	15.4	14.9	14.8	14.3	13.5	13.9	16.8	20.1	24.9	27.6	28.5	29.4	23.9	22.5	20.4	19.1	19.6	
13 Q	27.8	15.4	13.9	20.3	18.2	12.8	15.9	18.6	20.8	14.0	13.4	11.8	11.9	15.7	19.4	20.9	23.6	25.5	26.3	26.4	25.0	22.8	20.5	20.1	19.2	
14 Q	20.3	19.9	19.6	19.1	18.6	18.3	17.5	17.1	16.8	16.3	15.2	13.8	13.0	12.6	14.1	17.5	21.8	25.0	26.9	28.6	26.6	23.7	21.3	20.3	19.3	
15	20.0	19.6	18.9	18.5	15.8	15.9	15.5	12.7	13.0	12.6	12.2	13.2	11.8	09.1	10.3	10.3	23.1	27.1	29.3	28.7	27.7	28.7	21.0	21.0	18.2	
16	17.5	18.0	18.5	15.3	17.3	16.7	16.3	17.8	17.3	17.4	14.0	10.9	10.1	08.5	11.2	16.6	22.3	27.5	30.4	31.3	28.7	25.1	21.9	19.6	18.8	
17 D	18.3	19.5	20.2	18.0	17.7	13.7	15.5	15.6	16.4	15.8	13.9	10.3	03.1	04.7	05.0	08.8	13.9	18.5	23.2	25.7	28.5	29.2	25.9	30.1	17.2	
18 D	25.5	26.5	23.1	20.1	19.2	16.6	15.8	14.0	14.6	14.1	12.3	11.3	09.8	08.8	10.2	08.5	14.2	19.6	21.0	22.9	24.1	23.9	20.9	22.3	17.5	
19 D	36.1	21.1	20.6	26.7	15.6	17.5	30.7	12.3	21.6	18.8	12.9	12.2	25.3	24.9	29.6	34.3	30.4	25.2	25.9	26.9	24.9	24.2	21.9	16.4	23.2	
20	20.3	19.5	05.8	18.6	16.8	12.3	15.5	25.6	21.7	15.8	14.5	14.6	13.7	13.3	14.9	17.7	20.1	23.2	21.8	21.0	22.1	22.1	21.6	19.4	18.0	
21	17.3	19.3	17.2	20.0	17.2	16.5	16.4	15.0	15.0	20.4	14.9	10.9	09.9	16.4	24.7	27.5	26.0	25.8	24.9	22.9	23.9	22.9	21.8	20.1	19.5	
22 Q	19.6	19.6	19.4	19.5	19.2	18.3	17.8	17.1	16.7	15.8	14.9	14.0	12.7	13.6	15.6	20.1	23.8	26.5	27.9	27.6	26.4	24.8	22.9	21.4	19.8	
23	19.5	19.2	20.3	18.5	19.3	12.1	12.1	13.5	13.7	13.4	11.4	11.0	10.3	10.2	16.8	19.5	21.3	21.9	23.2	24.3	25.6	23.2	20.6	18.6	17.5	
24	18.5	18.5	14.6	18.3	16.5	17.7	18.3	17.4	18.3	20.6	12.7	10.4	10.3	08.5	11.1	10.2	22.9	27.5	28.5	26.0	24.5	22.9	19.2	20.2	18.1	
25 Q	20.3	19.5	20.1	19.3	18.5	17.5	16.8	16.8	15.8	15.6	14.6	13.7	14.6	15.8	19.5	25.9	28.1	27.9	26.4	26.8	25.5	23.3	20.0	18.7	20.0	
26	19.3	19.5	21.0	20.6	19.5	17.7	14.9	16.6	14.1	12.7	11.2	17.8	17.6	21.9	23.0	29.7	28.8	28.0	32.3	27.8	24.7	21.4	23.9	23.8	21.2	
27	26.5	14.8	17.3	20.0	21.3	18.6	17.7	17.8	22.1	17.8	13.9	12.2	10.0	14.6	14.7	17.6	21.9	24.5	24.6	22.8	22.8	21.5	19.5	19.6	18.9	
28	20.6	21.5	21.0	20.1	19.6	17.8	19.6	19.5	17.2	17.7	18.6	15.5	17.0	18.2	18.3	23.9	28.4	27.5	26.6	26.5	25.2	19.9	17.2	18.2	20.6	
29	19.2	17.6	16.7	18.2	14.1	17.7	18.7	18.5	18.1	17.4	15.5	12.7	19.6	25.7	25.5	26.5	27.0	26.4	25.7	25.6	24.0	21.6	19.5	18.1	20.4	
30	18.1	19.1	19.4	18.3	16.7	15.6	16.5	17.6	16.5	16.1	14.1	10.8	10.8	09.4	13.2	17.4	27.4	27.8	28.7	30.7	28.4	24.1	19.0	17.3	18.9	
31																										
Mean	20.3	18.8	17.6	18.4	18.0	17.2	16.2	17.2	16.9	16.0	15.2	15.0	14.2	14.0	16.2	20.3	24.6	26.7	27.5	27.1	25.8	23.5	21.1	20.5	19.5	

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 15 Agincourt (Z)

56,000 γ +

April 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	257	239	231	224	204	138	162	113	120	171	197	200	209	215	209	201	213	236	260	278	258	242	247	253	211	
2	257	227	227	216	213	212	207	177	174	197	199	215	218	221	215	203	204	207	224	235	236	240	240	241	217	
3	239	224	215	210	209	209	206	188	181	191	173	173	192	207	209	209	217	233	243	288	275	266	273	273	221	
4	249	249	207	218	218	186	203	194	168	186	185	194	206	215	213	210	215	225	236	249	272	271	269	285	222	
5 D	285	285	255	234	226	218	206	207	215	218	201	158	157	185	196	207	216	212	222	219	219	227	242	266	220	
6	256	273	176	211	218	147	155	144	119	089	107	165	209	221	221	215	221	221	218	218	218	218	218	218	195	
7 Q	215	212	212	207	207	212	212	209	206	206	209	209	208	206	201	191	188	195	201	206	210	209	211	211	206	
8	211	207	206	203	203	188	180	189	180	165	167	177	180	185	183	178	183	192	206	221	230	242	247	242	199	
9	239	229	222	214	190	110	153	174	178	188	181	193	184	178	187	192	198	207	222	231	244	267	262	274	205	
10 D	286	250	181	144	094	122	144	097	117	052	040	096	130	163	204	234	253	270	280	250	243	234	228	223	181	
11	228	225	221	217	219	219	219	214	214	211	192	149	144	166	187	198	199	204	210	219	224	222	222	223	206	
12	216	213	210	212	210	202	211	205	210	210	210	207	207	206	205	201	207	216	225	231	234	231	231	226	214	
13 Q	223	213	200	207	207	194	186	153	156	190	204	204	201	199	198	194	195	198	204	205	210	208	207	207	198	
14 Q	204	205	205	207	205	206	205	207	207	207	207	207	207	207	207	204	199	202	203	199	204	207	208	208	205	
15	204	202	203	204	201	199	195	204	207	204	204	202	201	198	198	195	192	198	208	216	232	274	306	321	215	
16	315	279	222	222	217	217	223	217	214	214	215	222	217	213	205	204	207	213	217	211	218	228	248	250	225	
17 D	247	230	223	234	217	159	139	210	220	219	219	220	210	209	201	193	187	190	200	219	217	199	292	334	216	
18 D	318	278	241	228	222	220	211	197	211	213	214	215	214	214	214	212	214	225	270	295	338	380	343	352	252	
19 D	436	333	155	066	140	162	147	119	126	154	194	198	184	195	213	226	232	267	294	319	310	297	302	277	223	
20	237	231	208	174	193	199	204	166	181	192	210	211	215	213	207	202	210	217	219	225	222	225	229	237	209	
21	236	236	232	189	216	219	154	162	229	181	176	186	193	195	200	202	205	210	217	228	234	229	225	222	207	
22 Q	219	216	217	214	213	213	213	213	213	213	212	210	210	210	208	210	207	212	217	216	214	214	216	215	213	
23	217	220	226	222	195	190	208	213	214	211	210	212	210	210	211	205	200	195	195	204	211	212	221	225	210	
24	229	237	203	207	212	211	210	210	201	167	190	209	213	211	207	198	209	212	207	217	225	235	246	244	213	
25 Q	234	219	214	212	213	213	216	213	210	211	214	214	212	210	207	203	210	212	220	228	231	234	230	224	217	
26	219	214	216	216	218	206	194	203	205	216	213	181	169	171	190	213	225	229	234	242	273	300	300	300	223	
27	318	283	242	224	182	182	210	218	189	183	205	210	219	225	226	228	234	237	235	243	242	237	238	235	227	
28	219	215	212	212	210	208	204	201	205	208	208	201	193	195	203	219	238	255	285	298	304	310	288	256	231	
29	226	235	236	199	210	218	217	217	212	210	203	208	195	184	183	187	190	195	199	211	221	219	222	219	209	
30	219	216	217	214	165	189	207	211	211	211	210	205	199	195	195	203	201	208	220	234	242	254	260	246	213	
31																										
Mean	249	237	214	205	202	192	193	188	190	190	192	195	197	201	203	204	209	216	226	235	240	244	249	250	213	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 16 Agincourt

April 1957

Day	Horizontal Intensity						Declination					Vertical Intensity								
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range					
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +							
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ	γ	
1	22	59	669	15	22	530	17	08	31.6	13	38	8.7	22.9	00	22	289	07	31	97	192
2	21	45	674	15	21	560	20	22	29.1	12	54	6.1	23.0	00	52	272	08	07	160	112
3	23	07	780	16	24	563	23	10	42.2	12	55	12.2	30.0	23	04	338	11	05	163	175
4	23	10	678	16	28	546	17	10	35.3	02	31	8.4	26.9	23	32	293	08	26	159	134
5 D	23	29	694	14	58	499	11	32	36.6	14	55	-1.7	38.3	01	05	303	11	57	137	166
6	00	01	659	09	00	445	18	45	28.7	02	43	-8.7	37.4	01	33	284	10	10	33	251
7 Q	23	07	664	17	01	579	18	50	31.7	12	42	9.8	21.9	00	10	215	16	16	185	30
8	21	53	654	16	12	596	18	04	30.6	09	07	9.8	20.8	21	53	249	09	55	158	91
9	21	32	665	14	57	555	05	38	34.0	08	38	7.3	26.7	23	58	282	05	35	86	196
10 D	06	10	684	08	23	233	08	16	65.2	06	17	20.4	85.6	00	31	294	08	05	-52	346
11	13	03	653	11	34	581	11	50	35.3	13	16	11.8	23.5	00	08	230	12	22	127	103
12	05	15	659	15	14	593	19	09	32.9	13	17	11.9	21.0	19	35	234	05	26	195	39
13 Q	21	31	652	15	07	593	07	07	26.8	01	57	4.3	22.5	00	01	225	07	54	136	89
14 Q	23	05	671	16	40	593	19	31	28.7	14	40	12.5	16.2	23	05	210	18	20	198	12
15	21	52	781	14	17	568	21	51	31.1	14	12	4.4	26.7	22	12	340	16	00	190	150
16	22	45	688	15	22	568	19	33	31.9	13	28	7.2	24.7	00	02	351	02	56	187	164
17 D	23	36	895	13	27	560	23	48	38.0	13	15	-2.1	40.1	23	37	385	05	56	121	264
18 D	21	43	780	15	13	572	01	20	33.9	15	58	2.6	31.3	21	05	393	07	15	182	211
19 D	00	26	939	06	05	178	06	10	86.0	03	03	-15.7	101.7	00	33	528	03	09	-94	622
20	03	10	682	14	39	594	03	29	27.4	02	19	-5.2	32.6	00	01	251	07	15	146	105
21	00	16	673	13	51	561	15	55	31.5	12	22	8.5	23.0	00	05	246	03	30	159	87
22 Q	11	54	665	14	59	612	17	58	28.2	12	18	12.3	15.9	18	53	219	16	35	205	14
23	20	20	693	14	03	597	20	26	26.0	13	10	9.0	17.0	23	55	230	04	38	176	54
24	21	27	718	14	32	586	02	55	33.3	02	32	2.1	31.2	22	57	258	09	28	153	105
25 Q	00	02	678	14	42	598	16	19	29.2	11	53	11.8	17.4	00	14	249	14	58	202	47
26	21	05	736	14	18	556	16	01	33.3	10	32	6.7	26.6	23	59	308	11	59	157	151
27	00	29	699	03	23	568	00	37	33.3	01	21	-9.4	42.7	01	11	367	04	36	141	226
28	21	36	709	14	23	543	16	46	30.2	23	18	14.0	16.2	21	05	312	06	49	189	123
29	20	32	667	03	42	579	03	37	31.1	04	00	10.0	21.1	02	15	241	03	35	135	106
30	21	46	714	15	23	571	19	21	31.6	13	27	7.6	24.0	22	17	264	04	32	150	114
31																				
Mean			706			543			34.8			4.5	30.3			288			139	149
No. days			30			30			30			30				30			30	30

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 17 Agincourt (H)

15,000 γ +

May 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	652	639	635	630	641	627	612	617	625	615	626	622	628	615	601	605	614	631	653	661	669	656	642	637	631
2	642	643	639	632	635	646	631	627	635	631	629	624	632	646	628	606	607	621	632	638	647	657	662	658	635
3	645	639	643	636	635	628	625	630	635	629	630	637	638	636	617	609	607	612	635	653	666	689	687	653	638
4	648	645	646	647	645	639	635	640	644	630	625	627	623	609	597	606	614	631	647	663	673	678	664	658	639
5	660	648	650	648	652	636	638	638	636	642	640	645	638	628	623	630	631	643	643	661	656	654	654	673	645
6	664	655	656	655	638	642	644	650	644	624	608	634	636	628	609	619	616	625	631	643	654	658	653	669	640
7	650	645	651	654	651	651	646	657	654	654	656	657	654	640	649	646	639	649	664	672	670	662	662	655	654
8	659	659	660	662	662	665	661	654	649	660	646	651	654	645	648	659	667	675	682	683	682	674	670	661	
9 D	659	674	666	645	636	604	608	636	637	629	628	626	614	598	588	594	611	630	650	654	650	659	651	654	633
10	659	650	647	650	649	648	645	644	641	646	646	635	621	612	615	632	650	662	674	690	661	682	674	650	649
11	649	655	653	650	654	657	654	652	654	657	659	653	644	626	622	628	644	662	678	690	678	680	673	661	656
12 Q	646	642	645	650	652	654	652	657	660	654	652	651	640	630	622	632	647	668	686	693	688	676	664	671	656
13	668	653	648	638	635	631	640	643	634	630	629	634	634	633	632	643	655	670	689	685	702	679	673	665	652
14	654	652	653	655	653	646	647	647	647	648	648	641	632	617	612	623	645	663	670	673	679	669	673	668	651
15 Q	661	653	653	658	659	659	657	658	658	653	647	644	640	629	624	625	630	645	660	685	693	699	666	652	654
16 Q	656	660	656	654	655	656	657	655	652	650	647	645	635	622	610	606	610	627	647	660	663	668	671	663	647
17	659	663	663	660	654	665	645	655	658	663	662	653	638	620	610	609	625	652	666	675	686	683	671	667	654
18	673	663	668	662	659	660	658	655	652	652	650	645	642	633	624	630	640	663	686	703	686	663	657	664	658
19	663	656	652	657	650	650	647	649	645	645	643	640	631	645	641	663	675	676	676	706	693	678	658	657	
20 D	664	655	654	646	636	628	628	648	646	636	641	636	628	608	605	622	636	664	661	677	667	661	664	679	645
21	669	664	662	659	669	649	634	646	653	626	620	641	630	623	613	611	627	648	666	681	687	676	663	659	649
22	657	660	663	659	661	656	662	661	660	661	667	661	653	643	640	652	679	696	702	694	682	672	667	661	665
23	669	670	661	659	661	661	661	653	644	644	641	641	638	628	613	619	638	665	687	692	673	654	639	654	653
24 Q	659	661	663	666	659	656	659	665	656	639	631	636	626	615	615	621	633	651	661	656	659	661	660	661	649
25	664	667	677	669	676	661	662	665	646	631	631	626	628	609	592	608	618	633	646	663	679	697	690	673	650
26 D	669	682	665	667	648	652	651	645	629	601	594	567	592	606	606	547	555	610	650	684	668	703	666	661	634
27	656	650	650	644	649	652	644	643	640	638	632	623	623	616	611	597	595	617	639	653	671	670	660	656	639
28	666	660	659	659	658	658	657	658	646	637	641	645	636	622	605	594	608	635	652	662	672	692	695	683	650
29 Q	667	663	656	661	661	659	661	659	648	643	651	650	636	615	597	587	613	628	649	667	668	679	690	687	650
30 D	668	653	649	651	651	659	656	658	671	661	623	607	588	611	619	591	593	608	616	651	712	704	695	677	645
31	665	654	652	647	652	652	644	641	638	642	651	644	641	635	625	614	617	634	653	677	694	687	682	665	650
Mean	659	656	655	653	652	648	646	649	646	641	639	637	632	624	617	616	626	646	660	672	676	676	668	663	648

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 18 Agincourt (D) West

7° + ...'

May 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	17.6	17.3	14.7	12.1	14.9	12.3	10.3	12.3	17.6	18.8	16.0	18.3	16.4	12.1	13.0	18.4	23.3	25.5	27.0	27.5	25.7	22.8	20.4	19.6	18.1
2	18.1	16.9	17.3	12.1	16.3	16.1	11.8	14.6	15.3	13.2	13.8	13.4	14.6	11.0	10.8	17.1	21.8	25.2	28.0	29.5	27.8	24.1	19.5	18.5	17.8
3	19.1	17.0	16.3	16.0	14.7	15.1	12.6	13.7	14.9	18.6	18.7	11.0	09.5	10.5	12.3	17.4	21.1	22.9	24.6	27.8	28.3	23.7	20.6	17.8	17.7
4	19.2	20.1	19.5	18.0	17.3	16.0	16.4	14.9	18.3	14.6	17.6	11.4	12.3	13.2	18.3	24.3	27.5	28.3	30.7	30.2	25.6	22.6	21.9	21.0	20.0
5	20.5	19.2	20.4	20.4	19.6	19.2	17.4	17.3	16.4	15.0	14.0	11.8	10.9	11.2	12.1	17.3	20.6	23.7	25.2	23.7	22.0	21.9	21.0	19.3	18.3
6	18.3	19.7	18.3	16.3	16.8	17.3	16.0	14.1	14.1	19.6	23.8	10.0	11.8	12.4	14.3	19.5	21.0	22.2	22.8	21.4	19.7	19.5	20.0	17.4	17.8
7	18.3	19.6	19.5	18.8	16.4	08.3	16.4	17.7	15.4	15.9	16.9	14.3	13.6	15.0	18.4	21.0	24.1	26.6	28.3	24.8	22.9	22.3	20.9	20.5	19.0
8	20.6	19.8	19.3	18.6	17.3	16.7	15.1	17.4	21.9	15.0	10.5	07.7	08.0	11.4	16.4	21.8	26.5	27.7	27.5	27.5	26.2	25.7	19.1	14.4	18.8
9 D	18.9	20.1	19.5	14.3	14.5	11.6	13.6	16.4	15.0	15.5	15.5	11.7	12.1	15.5	19.5	25.1	26.5	28.0	27.6	25.9	23.9	21.4	20.0	17.3	18.7
10	19.6	20.2	19.8	20.5	18.3	19.7	17.2	18.3	17.8	16.5	13.7	14.5	15.8	18.3	20.6	24.7	26.4	26.5	25.9	24.2	22.9	20.1	18.7	17.3	19.9
11	19.1	20.2	20.6	18.6	18.6	18.6	18.1	17.6	17.2	16.3	14.6	13.1	12.1	12.7	16.7	21.8	25.2	26.4	25.1	22.9	21.0	18.8	16.1	16.0	18.6
12 Q	18.3	19.8	20.9	20.1	19.2	18.9	18.2	17.9	18.3	16.8	14.0	12.7	12.6	14.3	18.3	22.2	25.1	26.8	25.2	21.9	19.2	17.7	17.8	17.1	18.9
13	14.9	15.8	16.3	16.4	15.4	15.0	15.5	16.0	14.5	13.1	12.7	12.2	10.7	15.5	18.2	23.7	26.3	28.5	25.4	24.7	20.5	19.2	18.7	17.2	17.8
14	18.6	19.9	20.4	19.6	17.6	19.6	18.8	18.1	16.8	15.1	12.3	09.8	08.7	09.4	15.2	21.8	26.5	29.2	29.9	27.5	23.7	20.3	16.9	15.0	18.8
15 Q	15.9	17.1	18.8	19.7	19.1	18.8	18.4	17.8	17.3	16.1	13.3	10.7	07.3	07.5	12.2	22.0	27.9	31.3	30.5	27.4	23.8	19.5	16.4	17.1	18.6
16 Q	18.5	19.5	19.6	19.4	19.2	18.8	18.4	18.3	18.8	17.1	12.8	09.4	08.1	10.0	14.3	21.9	27.1	29.8	29.5	28.5	26.5	23.0	19.2	17.0	19.4
17	17.2	18.2	19.1	20.6	16.1	16.4	15.9	15.4	15.8	14.1	10.4	07.2	06.7	10.4	15.4	21.3	27.5	29.8	31.0	26.0	22.8	21.1	19.7	19.2	18.2
18	19.5	20.0	20.6	20.0	19.5	18.6	18.2	17.3	16.7	15.0	12.9	09.1	07.5	08.0	11.3	20.0	24.4	27.7	28.5	26.9	24.1	21.6	18.3	16.7	18.4
19	17.3	18.3	18.6	20.1	19.3	18.4	17.8	17.9	16.9	13.3	10.9	08.1	07.3	10.5	12.3	17.2	23.7	23.7	22.9	25.7	21.7	18.3	15.9	16.0	17.2
20 D	15.9	16.9	14.2	20.2	11.0	09.0	16.3	14.2	17.1	18.4	12.7	07.6	06.3	10.0	18.6	25.1	25.2	27.2	31.5	28.5	24.1	21.7	20.0	18.4	17.9
21	19.5	18.2	18.9	18.3	16.0	09.7	13.6	16.4	15.5	12.5	11.4	05.8	06.8	10.5	12.1	20.0	25.7	28.7	29.9	28.3	22.9	19.7	18.4	18.7	17.4
22	20.5	20.5	20.3	19.6	20.1	19.5	18.3	17.2	16.0	14.2	12.3	10.0	10.0	12.6	18.6	23.7	25.9	26.2	26.2	24.2	22.7	21.0	20.1	19.5	19.1
23	18.0	16.4	17.9	18.5	18.2	17.8	18.6	16.8	15.0	13.5	10.6	08.1	09.1	13.3	16.9	24.4	28.0	29.3	26.7	25.6	23.5	21.0	20.5	19.6	18.6
24 Q	19.9	20.0	20.0	18.8	18.3	18.3	17.7	18.1	17.8	16.9	14.2	05.8	03.9	07.6	14.1	21.1	26.0	27.5	27.5	26.9	24.9	22.0	19.2	18.3	18.5
25	18.7	18.3	18.5	19.3	21.6	14.5	16.3	13.1	10.9	13.0	08.7	05.4	04.7	04.7	10.5	18.5	22.0	26.0	28.0	26.9	23.8	22.3	22.9	19.2	17.0
26 D	16.1	17.6	18.6	15.5	16.8	16.1	16.0	16.0	11.8	09.5	05.1	12.2	14.0	10.4	17.3	21.9	33.3	33.9	29.2	23.2	20.6	16.8	16.0	17.8	17.7
27	18.8	17.8	20.5	20.6	20.4	22.8	27.5	22.7	18.0	16.3	14.0	11.3	07.6	09.3	13.4	17.4	22.0	24.7	25.5	25.8	24.2	19.7	17.4	17.8	19.0
28	18.9	19.6	19.1	19.6	19.2	19.6	20.9	23.3	17.8	15.9	14.2	10.5	08.9	12.5	16.3	21.5	27.5	30.1	28.7	26.4	24.9	21.8	18.3	14.1	19.6
29 Q	16.8	18.2	19.9	20.5	20.9	19.2	19.6	21.9	17.7	15.0	12.7	08.7	08.9	11.0	14.8	21.5	26.4	28.7	29.8	28.4	26.9	23.3	18.8	16.8	19.4
30 D	16.1	15.9	17.7	18.5	19.6	19.2	18.7	18.0	17.8	24.7	28.3	09.5	04.0	13.0	11.1	11.9	20.3	26.0	35.0	35.1	28.3	22.1	17.7	18.3	19.5
31	19.4	18.3	16.7	21.4	10.4	18.2	18.3	18.3	17.5	17.2	13.7	10.0	07.6	09.0	11.2	15.9	21.5	24.2	27.0	27.5	24.7	22.2	20.3	20.1	17.9
Mean	18.3	18.6	18.8	18.5	17.5	16.8	17.0	17.1	16.5	15.7	14.0	10.4	09.6	11.4	15.0	20.7	25.0	27.2	27.8	26.5	23.9	21.2	19.1	17.8	18.5

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 19 Agincourt (Z)

56,000 γ +

May 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	237	231	193	198	133	147	168	173	165	181	180	180	179	192	199	206	211	208	211	213	214	214	213	213	194
2	212	212	213	207	202	166	164	182	184	195	200	196	190	192	195	195	196	196	201	204	208	209	215	218	198
3	222	219	214	211	205	205	199	202	202	201	187	192	195	198	197	198	207	213	225	238	249	262	262	235	214
4	225	222	222	217	215	208	204	199	192	183	175	185	188	192	192	190	193	198	211	238	259	270	261	258	212
5	244	234	225	220	219	218	219	220	219	220	218	217	217	213	216	217	218	222	214	210	208	211	218	229	220
6	235	228	226	195	205	211	208	208	210	194	144	177	193	200	204	210	210	211	216	217	222	222	219	231	208
7	231	224	216	213	205	171	199	199	202	205	202	201	202	202	202	199	201	205	207	206	208	213	213	209	206
8	207	206	207	207	207	205	201	200	192	187	181	186	185	190	189	189	198	198	199	205	211	216	225	237	201
9 D	226	220	223	180	177	174	154	196	204	198	187	189	196	195	195	199	203	207	212	219	219	221	219	220	201
10	214	212	213	211	200	190	196	205	207	212	209	205	200	200	199	199	201	202	202	214	217	227	234	232	208
11	219	213	209	206	202	202	205	205	206	207	209	211	209	203	199	197	200	202	207	214	217	224	232	238	210
12 Q	230	220	211	206	202	202	202	203	203	202	207	208	207	205	199	196	193	188	187	188	194	197	196	201	202
13	211	213	213	212	209	209	208	205	203	199	193	184	193	199	194	185	191	200	207	211	226	227	226	224	206
14	213	206	202	202	196	194	202	202	203	208	211	207	205	202	200	200	200	206	206	202	203	205	209	209	204
15 Q	208	206	206	202	200	199	199	200	200	202	199	194	190	188	184	181	186	189	195	205	212	224	225	213	200
16 Q	205	202	199	199	197	196	199	199	199	201	204	206	206	205	205	205	202	196	197	203	209	213	214	212	203
17	211	208	206	194	194	193	196	202	206	207	208	206	200	193	192	184	178	177	175	189	202	211	212	208	198
18	208	205	202	202	202	200	199	200	200	203	205	206	205	200	195	189	181	186	193	200	206	217	226	224	202
19	218	214	211	206	205	203	202	202	200	202	206	206	205	202	199	197	190	187	197	206	227	236	232	220	207
20 D	217	215	215	171	185	166	170	194	196	177	170	177	179	182	186	179	178	184	199	214	221	211	205	208	192
21	212	208	202	201	190	164	183	190	188	182	173	188	194	191	187	179	184	188	194	205	218	224	220	217	195
22	208	202	202	202	199	197	199	197	199	201	202	199	197	196	191	182	184	193	195	196	195	200	201	200	197
23	200	200	201	202	194	196	182	158	177	189	197	197	199	197	183	177	179	183	194	205	211	211	203	200	193
24 Q	196	196	196	196	196	198	197	197	187	175	163	177	182	184	187	188	187	186	196	203	206	205	205	202	192
25	200	199	199	199	171	185	193	176	176	178	179	187	188	184	181	175	173	175	181	191	212	227	244	256	193
26 D	245	244	253	181	196	202	207	190	158	119	100	124	164	191	203	197	206	212	207	224	238	263	257	227	200
27	213	209	203	201	191	176	151	176	196	196	194	193	194	202	205	199	201	199	201	206	211	212	206	200	197
28	200	196	199	197	196	196	190	178	178	184	190	191	193	190	184	182	182	184	194	200	205	207	214	220	194
29 Q	212	208	202	196	187	190	190	178	177	193	195	199	197	193	187	189	196	196	201	205	206	205	203	206	196
30 D	206	209	208	206	202	200	196	197	200	155	076	131	173	190	179	174	184	197	213	225	266	283	269	254	200
31	242	235	226	203	158	173	200	205	202	201	206	208	207	206	207	208	207	202	203	201	202	199	201	200	204
Mean	217	213	210	201	195	191	193	195	195	195	192	186	191	195	196	195	192	194	196	201	208	216	222	220	202

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 20 Agincourt

May 1957

Day	Horizontal Intensity						Declination					Vertical Intensity									
	Maximum			Minimum			Range	Maximum		Minimum		Range	Maximum		Minimum		Range				
	15,000 γ +			15,000 γ +				7° W +		7° W +			56,000 γ +		56,000 γ +						
h.	m.	γ	h.	m.	γ	γ	h.	m.	'	h.	m.	'	'	h.	m.	γ	h.	m.	γ	γ	
1 D	20	25	673	02	02	595	78	19	02	28.1	02	06	-8.1	36.2	01	00	240	04	30	103	137
2	23	05	669	16	13	601	68	19	25	29.8	14	12	9.1	20.7	23	06	220	05	42	145	75
3	22	02	<u>749</u>	16	17	600	<u>149</u>	19	58	28.8	12	09	9.0	19.8	22	00	286	10	18	183	103
4	20	57	689	14	16	583	106	18	26	31.7	11	35	9.9	21.8	21	15	271	10	23	169	102
5	23	45	678	13	56	612	66	18	22	25.9	13	56	9.3	16.6	00	04	255	20	26	206	49
6	23	49	684	10	27	595	89	10	07	32.0	11	45	6.8	25.2	23	55	237	10	24	127	110
7	00	01	681	13	32	629	<u>52</u>	18	17	29.4	05	34	3.7	25.7	00	05	236	05	36	153	83
8	18	41	697	15	07	637	60	18	27	29.4	11	48	6.6	22.8	23	40	241	10	05	178	63
9 D	01	50	689	14	15	559	130	03	37	29.9	03	48	<u>-12.9</u>	<u>42.8</u>	03	41	249	06	13	125	124
10	19	37	703	13	29	606	97	17	37	27.4	10	58	12.2	15.2	22	39	242	05	14	184	58
11	19	55	705	14	27	615	90	17	47	26.8	12	02	11.0	15.8	23	22	239	14	25	195	44
12 Q	19	27	697	14	28	621	76	17	36	27.5	12	38	11.9	15.6	00	22	234	18	04	184	50
13	20	23	710	14	16	623	87	17	42	29.9	10	10	7.7	22.2	20	51	232	11	40	179	53
14	20	16	688	14	40	606	82	18	40	31.5	13	07	7.9	23.6	00	01	218	05	00	187	31
15 Q	21	15	705	14	51	618	87	18	00	32.0	13	07	6.1	25.9	22	04	231	14	45	178	53
16 Q	22	22	673	15	25	604	69	17	34	30.5	12	48	7.6	22.9	22	30	216	17	50	193	<u>23</u>
17	21	13	693	15	52	605	88	18	22	31.9	11	58	5.8	26.1	22	13	214	18	13	172	42
18	19	38	708	14	39	617	91	18	43	28.9	13	23	6.7	22.2	22	30	229	16	30	178	51
19	21	09	726	12	28	625	101	19	18	27.1	12	02	4.6	22.5	22	05	241	17	18	182	59
20 D	20	15	694	14	10	587	107	18	44	33.8	12	17	5.4	28.4	20	15	227	05	26	126	101
21	20	25	693	14	26	604	89	19	07	30.8	11	15	1.7	29.1	21	50	226	05	20	153	73
22	19	01	704	14	36	635	69	18	08	27.9	11	51	7.6	20.3	00	10	212	16	19	179	33
23	19	36	695	14	53	604	91	17	17	30.4	12	00	6.9	23.5	21	00	214	07	18	152	62
24 Q	03	25	667	14	00	610	57	17	35	28.4	12	26	3.1	25.3	20	15	207	10	18	155	52
25	22	04	718	14	13	584	134	17	48	28.4	13	07	2.9	25.5	23	12	260	04	23	152	108
26 D	21	08	708	15	30	<u>526</u>	182	16	45	<u>38.8</u>	03	17	-3.0	41.8	21	43	<u>287</u>	10	03	63	224
27	20	58	676	15	59	587	89	06	45	29.3	12	42	6.1	23.2	00	21	217	01	28	145	72
28	22	16	703	15	08	584	119	16	55	30.6	12	02	8.4	22.2	23	05	226	07	30	173	53
29 Q	22	51	697	15	32	580	117	18	10	30.2	11	50	7.6	22.6	00	08	213	08	17	170	43
30 D	20	43	735	12	50	564	171	18	43	37.9	12	50	1.1	36.8	20	50	287	10	31	62	<u>225</u>
31	20	32	710	15	17	610	100	03	32	33.3	04	16	-2.5	35.8	00	01	247	04	28	118	129
Mean			697			601	96			30.3			5.2	25.1			237			157	80
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 21 Agincourt (H)

15,000 γ +

June 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 Q	662	664	664	663	660	660	659	662	662	664	664	665	643	614	614	626	638	645	655	659	667	677	676	677	656
2 Q	676	674	667	664	662	659	661	663	665	668	667	667	660	646	640	643	653	661	667	672	690	695	687	689	666
3	681	687	696	687	687	651	651	661	665	666	661	638	661	647	610	584	623	650	686	656	679	708	689	664	662
4 D	681	653	628	639	633	616	648	638	643	643	626	618	618	622	599	590	582	645	692	718	740	733	779	738	655
5	669	663	634	637	644	642	646	639	630	636	645	648	631	628	622	606	588	592	636	651	680	698	719	734	647
6 D	733	645	629	617	595	596	595	585	605	598	621	621	593	594	593	593	623	649	660	663	708	719	657	665	632
7	677	644	629	642	648	645	647	647	651	650	639	634	629	626	617	617	621	635	650	651	663	672	675	675	645
8	678	671	661	649	642	640	647	651	653	650	646	643	634	617	612	611	631	661	681	693	682	668	661	660	652
9 Q	664	665	665	671	673	666	668	662	662	657	660	657	651	642	636	633	642	665	682	685	693	675	669	666	663
10 Q	665	663	662	662	660	661	660	659	660	661	661	657	650	641	634	624	632	647	674	686	696	697	697	668	661
11 Q	667	669	672	672	670	668	663	662	662	660	660	661	660	643	629	624	631	645	671	685	695	686	681	680	663
12	675	675	671	670	671	667	664	661	663	661	665	657	640	632	610	601	629	652	674	690	699	686	675	690	662
13	679	669	670	670	668	667	665	657	657	660	649	648	657	655	644	634	643	658	673	700	705	703	688	694	667
14	672	665	663	665	663	671	667	660	656	657	660	657	650	649	648	643	641	642	660	679	680	676	682	678	662
15	684	684	672	674	686	660	645	653	644	649	660	660	655	640	598	614	649	654	670	679	660	670	680	680	659
16	675	667	670	665	665	662	664	668	663	664	662	657	655	652	639	636	648	658	672	681	697	706	691	689	667
17	685	693	695	688	678	661	646	659	657	657	655	639	637	644	631	644	657	670	672	681	681	735	685	692	668
18	686	668	657	636	640	626	624	632	644	654	651	633	637	634	623	633	635	658	680	677	685	687	694	698	654
19	682	657	636	633	644	640	635	620	627	629	612	614	597	567	553	586	583	603	625	654	677	698	693	675	631
20	670	668	660	663	666	651	657	660	657	653	651	646	640	632	628	624	637	652	673	708	721	688	693	687	662
21	677	671	679	666	663	657	627	621	614	619	647	650	637	621	607	608	615	629	669	711	718	709	682	679	653
22	676	671	660	663	663	665	663	658	654	636	625	614	614	624	635	616	610	620	633	665	675	682	686	688	650
23	668	667	663	662	660	660	660	660	657	655	661	654	649	642	649	637	636	647	657	691	701	696	678	678	662
24	693	685	661	651	652	654	646	632	627	629	642	652	645	629	628	627	629	640	651	656	672	675	670	677	651
25 D	687	712	691	693	680	655	635	649	654	657	660	644	641	638	640	636	622	652	643	704	745	758	718	736	673
26 D	705	681	665	647	581	561	478	420	476	489	463	513	441	505	510	530	555	596	639	654	677	680	695	670	576
27	652	663	657	653	650	647	642	639	640	636	637	636	624	609	605	593	594	609	626	639	661	670	676	660	638
28	670	655	672	672	670	678	665	646	632	622	625	637	640	634	624	621	620	644	652	670	681	675	665	661	651
29	657	663	664	668	666	668	668	668	663	668	668	667	665	656	650	642	648	658	674	683	697	704	699	679	669
30 D	682	679	686	669	679	569	669	688	623	639	598	505	540	561	528	481	560	681	887	1197	1240	1217	1044	779	725
31																									
Mean	678	670	663	660	657	647	645	643	642	643	641	636	630	625	615	612	623	644	670	695	709	711	699	687	656

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 22 Agincourt (D) West

7° + ...'

June 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 Q	20.1	20.0	19.6	18.8	18.6	18.3	18.2	17.7	17.8	15.4	11.9	09.4	07.6	10.4	14.1	17.4	19.5	21.9	24.6	25.2	24.7	23.3	21.7	19.0	18.1
2 Q	18.3	17.6	17.4	15.3	14.6	17.2	18.3	18.2	17.6	15.9	13.3	10.0	07.1	07.8	10.4	13.9	20.5	25.0	28.7	29.9	26.8	23.4	21.0	19.2	17.8
3	19.2	18.7	18.1	18.3	16.9	13.1	14.6	17.4	19.7	12.7	08.8	14.5	08.5	04.7	05.8	13.1	27.7	25.6	24.1	30.9	27.0	23.7	20.0	19.5	17.6
4 D	14.6	10.9	03.6	13.3	12.0	23.7	17.4	19.2	28.4	22.9	21.9	19.2	13.1	13.7	12.4	17.8	22.9	26.1	24.6	21.9	17.1	16.2	13.9	15.4	17.6
5	19.0	08.8	18.6	17.7	18.0	20.1	17.9	20.6	24.6	21.9	15.4	09.6	08.1	09.6	10.3	13.4	19.2	24.6	25.2	26.2	24.7	23.1	17.3	09.3	17.6
6 D	15.9	12.3	10.7	15.4	10.4	12.7	11.7	26.0	16.0	27.5	16.3	10.1	14.9	16.8	17.8	14.5	27.1	23.7	24.3	25.6	10.9	19.3	20.6	17.3	17.4
7	15.0	14.7	11.7	18.3	20.6	21.3	20.4	19.7	18.9	17.7	15.9	13.2	12.4	12.6	13.7	17.7	22.3	24.8	24.3	24.2	23.6	21.6	18.5	19.5	18.4
8	18.2	14.5	16.8	16.7	18.6	23.9	20.0	21.0	21.0	16.7	13.5	13.0	13.2	17.7	20.4	23.7	27.3	27.9	26.1	24.5	23.0	22.5	20.9	19.9	20.0
9 Q	20.2	19.7	19.3	17.4	17.0	18.0	18.3	17.9	16.4	13.9	12.4	10.8	10.9	11.9	13.7	19.5	25.9	27.8	27.0	24.2	19.6	18.3	17.3	17.4	18.1
10 Q	18.4	19.5	19.6	19.5	19.6	19.2	18.5	18.1	17.3	15.5	13.1	11.3	10.4	10.9	13.2	18.0	25.7	29.7	30.1	29.5	26.9	22.2	18.4	17.2	19.2
11 Q	18.6	19.8	19.6	19.8	20.4	19.5	18.3	17.3	16.1	13.3	10.0	06.8	07.9	09.7	12.7	18.0	24.6	29.7	31.1	29.8	26.3	23.5	20.7	17.1	18.8
12	17.3	16.2	17.9	18.9	18.8	18.6	18.1	17.4	19.6	15.0	10.6	08.1	06.0	10.2	13.1	19.6	21.8	27.8	26.7	23.7	21.1	20.5	19.5	17.3	17.7
13	17.6	18.2	19.3	19.0	18.8	18.3	17.7	16.6	16.7	15.9	10.9	13.2	12.3	09.1	10.3	14.6	18.6	22.3	26.0	26.4	23.8	22.2	19.5	17.3	17.7
14	16.7	17.8	18.9	16.4	17.3	17.0	16.9	17.5	17.2	15.4	11.4	09.6	08.1	07.2	08.0	09.4	13.6	18.9	24.2	25.2	24.1	22.6	21.1	20.0	16.4
15	20.0	19.5	21.3	17.8	15.8	12.6	13.8	15.7	14.6	14.3	10.4	08.5	08.2	08.2	06.9	19.0	18.7	22.9	27.1	27.5	28.7	25.5	20.8	16.7	17.3
16	15.9	17.8	18.8	19.2	18.2	17.2	17.3	16.9	16.0	14.1	10.9	08.4	07.6	09.0	09.9	15.0	18.5	21.0	23.8	26.7	27.2	24.9	23.1	21.6	17.5
17	21.0	20.6	20.1	18.6	20.0	14.1	14.1	15.3	14.6	13.1	11.7	11.3	16.3	13.3	14.1	18.3	17.0	19.2	21.9	24.7	26.0	22.9	21.9	22.0	18.0
18	19.0	18.8	11.9	11.4	09.5	09.7	13.7	09.8	18.2	16.9	13.7	09.5	08.7	06.4	10.4	14.8	19.9	24.3	26.0	24.9	23.8	24.2	22.8	18.3	16.1
19	15.5	13.5	19.5	16.9	17.8	16.0	13.7	16.5	18.3	23.2	25.6	21.3	19.6	15.0	16.7	20.1	22.8	24.3	27.7	25.2	23.9	21.8	19.1	19.0	19.7
20	18.3	16.4	16.2	19.9	20.4	22.9	15.2	16.5	16.4	14.9	13.5	14.1	11.8	09.5	12.6	17.4	23.3	28.3	27.9	27.5	26.0	25.2	23.3	21.0	19.1
21	20.4	18.7	18.3	20.0	19.0	15.1	09.9	13.3	12.2	17.7	12.4	07.1	05.0	05.9	11.4	16.0	21.5	25.2	26.5	25.6	23.4	20.7	19.6	20.2	16.9
22	20.1	22.8	21.6	20.7	20.5	18.7	19.1	19.0	19.6	12.6	08.1	09.5	09.5	10.9	12.3	16.5	19.8	23.8	27.5	26.9	24.2	21.5	18.3	16.4	18.3
23	16.9	19.4	20.6	20.1	19.3	19.1	18.7	17.9	17.0	15.5	12.4	10.0	08.6	10.3	11.8	15.4	20.2	24.5	27.8	27.3	26.1	22.4	20.7	20.1	18.4
24	19.1	19.5	20.5	15.5	13.6	14.6	17.2	18.1	09.5	10.3	06.2	02.9	01.8	03.1	08.5	13.0	18.9	21.6	23.8	23.9	23.2	23.6	23.8	22.3	15.6
25 D	21.1	15.9	17.6	15.9	14.3	11.3	11.5	13.6	12.7	10.3	07.3	00.8	02.4	08.5	10.2	15.5	21.9	24.1	31.0	27.1	22.8	22.5	19.5	19.6	15.7
26 D	24.2	16.0	15.4	13.6	17.0	08.0	13.6	36.9	08.1	12.1	30.8	27.0	35.4	20.3	20.4	29.6	32.1	27.4	22.9	19.8	16.4	16.9	16.0	17.0	20.7
27	20.1	21.8	19.7	20.1	21.3	20.4	20.7	22.8	25.1	18.5	11.8	05.3	02.1	05.5	12.6	18.7	26.2	29.8	28.7	29.3	28.3	25.2	23.1	19.9	19.9
28	16.0	18.2	16.5	18.1	19.7	19.7	19.8	19.9	23.2	17.2	10.5	07.5	06.2	05.6	08.5	11.5	26.6	30.6	32.3	29.7	28.3	26.1	24.8	22.9	19.1
29	21.8	21.3	19.8	19.0	18.8	18.7	18.6	18.1	17.6	16.0	13.1	11.0	09.6	07.2	10.9	16.7	22.4	26.5	28.2	27.9	25.0	21.3	18.8	17.3	18.5
30 D	16.8	18.5	16.4	13.7	19.6	35.2	10.9	13.7	14.4	11.2	03.8	31.6	07.3	03.9	08.6	22.2	28.2	18.6	00.9	32.2	13.3	05.9	12.4	56.9	13.0
31																									
Mean	18.5	17.6	17.5	17.5	17.5	17.8	16.5	18.3	17.5	15.9	12.9	11.4	10.0	09.8	12.1	17.0	22.5	24.9	25.7	24.3	22.7	21.4	19.9	19.9	17.9

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 23 Agincourt (Z)

56,000 γ +

June 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1 Q	197	197	197	196	196	196	196	197	197	199	200	200	199	195	190	182	183	188	193	193	200	205	205	203	196	
2 Q	200	196	196	197	195	194	195	195	195	197	199	199	195	190	188	186	185	190	196	196	196	197	196	196	194	
3	191	193	193	193	192	159	170	175	137	164	179	165	165	176	182	183	193	197	230	266	256	239	248	232	195	
4 D	229	200	181	188	175	106	184	167	152	154	145	151	172	182	184	190	203	228	233	254	273	283	302	256	200	
5	236	224	220	214	209	187	190	193	191	187	196	212	212	212	212	208	211	218	241	241	250	259	274	268	220	
6 D	232	230	211	170	136	142	131	093	134	136	164	191	185	185	190	196	197	200	214	220	241	239	218	217	186	
7	233	229	215	217	208	205	203	203	206	209	202	202	200	200	199	202	204	202	211	218	220	229	217	210		
8	212	208	202	200	187	166	188	190	191	196	196	194	194	193	194	191	189	197	205	206	208	209	209	208	197	
9 Q	205	202	200	196	184	187	195	196	197	200	200	199	193	188	187	182	193	196	196	200	205	200	196	196	196	
10 Q	196	196	195	194	194	195	195	196	196	200	200	200	197	193	188	184	187	189	191	196	203	205	208	208	196	
11 Q	203	200	196	195	195	195	195	196	196	197	199	199	196	193	185	181	188	188	187	193	196	194	196	200	194	
12	200	200	196	194	194	193	191	191	188	193	197	199	199	197	188	185	191	184	177	188	206	207	206	209	195	
13	209	205	199	196	194	194	192	194	197	199	196	188	173	167	177	182	178	172	174	188	202	212	217	219	193	
14	215	206	200	197	195	182	183	187	194	199	199	196	193	191	191	191	187	186	194	199	208	211	212	209	197	
15	208	207	207	204	163	158	174	186	187	183	187	196	197	197	185	182	182	194	201	202	211	215	225	226	195	
16	214	205	201	196	194	192	188	190	193	195	193	184	181	178	175	177	181	185	193	195	199	196	196	197	192	
17	194	194	196	196	183	149	173	193	194	195	189	181	175	181	186	184	183	188	187	190	195	215	218	225	190	
18	232	214	194	178	135	171	135	131	150	175	191	194	195	191	195	196	195	194	185	190	208	223	233	253	190	
19	236	219	151	178	197	181	172	177	184	152	127	142	148	160	172	177	190	203	214	224	230	233	235	227	189	
20	223	215	207	202	163	146	178	190	196	197	197	192	188	183	182	183	191	189	199	208	224	223	218	212	196	
21	206	207	196	199	200	196	184	188	185	173	184	196	196	195	193	191	197	202	212	237	262	265	239	218	205	
22	213	212	206	201	195	194	194	194	189	178	189	183	176	184	188	184	189	197	208	212	211	209	214	220	198	
23	215	208	202	197	195	195	195	196	197	200	200	197	196	193	191	196	200	199	199	212	218	229	221	209	202	
24	206	218	223	213	214	210	215	181	191	213	211	199	191	184	181	182	184	189	184	187	197	202	203	208	199	
25 D	213	202	227	268	257	247	219	213	208	211	205	188	180	181	179	182	183	193	201	229	281	290	269	268	220	
26 D	241	259	251	231	134	130	080	128	076	005	-021	-009	047	155	165	179	192	206	220	220	241	265	260	246	163	
27	224	212	207	202	202	203	205	194	175	196	203	212	209	197	187	182	188	183	183	195	200	202	206	202	199	
28	207	198	201	199	196	195	171	124	110	140	146	176	201	212	206	207	208	202	194	194	194	196	197	198	186	
29	196	196	197	197	197	196	196	196	197	202	206	207	208	208	209	207	205	206	202	202	201	200	206	203	202	
30 D	203	200	201	195	104	007	121	200	161	154	121	-090	015	169	183	180	236	302	412	315	254	169	039	123	166	
31																										
Mean	213	208	202	200	186	176	180	182	179	180	180	175	179	188	188	188	193	199	208	212	220	220	216	216	195	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 24 Agincourt

June 1957

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range γ	Maximum 7° W +		Minimum 7° W +		Range '	Maximum 56,000 γ +		Minimum 56,000 γ +		Range γ
	h. m.	γ	h. m.	γ		h. m.	'	h. m.	'		h. m.	γ	h. m.	γ	
1 Q	23 17	684	13 47	606	78	19 03	25.6	13 09	6.0	19.6	21 46	208	15 55	179	29
2 Q	21 22	711	14 06	632	79	19 16	30.6	12 57	5.8	24.8	00 01	202	16 38	183	19
3	21 35	749	15 52	562	187	19 27	33.6	14 04	0.3	33.3	19 59	276	08 25	119	157
4 D	22 53	838	16 25	571	267	08 23	33.0	02 39	0.2	32.8	22 48	346	05 36	35	311
5	23 46	756	16 57	575	181	08 37	27.4	01 37	-7.4	34.8	23 22	327	05 38	176	151
6 D	21 15	835	07 20	551	284	09 32	32.3	06 18	-3.8	36.1	21 15	283	07 22	64	219
7	00 03	708	15 08	614	94	17 40	25.7	02 18	6.8	18.9	00 47	241	14 28	196	45
8	19 26	697	14 58	606	91	05 11	34.3	01 27	11.3	23.0	00 04	214	05 08	148	66
9 Q	20 15	701	16 00	631	70	16 58	28.3	12 17	10.3	18.0	00 10	207	04 53	178	29
10 Q	22 00	702	15 52	622	80	17 58	30.7	12 42	10.1	20.6	23 16	213	15 47	181	32
11 Q	20 27	705	15 04	617	88	18 38	31.6	11 53	6.7	24.9	00 01	206	15 05	176	30
12	21 00	701	15 17	594	107	17 43	28.8	12 40	5.4	23.4	23 08	212	18 12	176	36
13	21 10	733	15 20	632	101	19 10	28.4	14 06	8.5	19.9	23 25	221	13 30	163	58
14	22 28	697	18 03	634	63	19 50	25.6	13 02	6.2	19.4	22 25	219	06 10	177	42
15	18 52	698	15 07	571	127	19 48	30.1	14 12	4.5	25.6	23 12	232	05 04	149	83
16	21 00	713	14 57	627	86	20 35	28.1	12 03	6.8	21.3	00 01	225	14 32	172	53
17	21 55	752	11 52	624	128	20 06	26.5	11 22	9.0	17.5	23 59	236	06 03	126	110
18	21 17	721	07 22	604	117	19 11	27.9	04 32	-9.3	37.2	23 32	260	07 01	111	149
19	21 40	710	14 08	528	182	18 17	29.1	03 41	7.5	21.6	00 01	250	03 08	93	157
20	20 17	747	15 10	617	130	05 08	32.0	13 18	8.0	24.0	20 16	230	04 56	105	125
21	20 58	731	08 58	592	139	18 18	27.4	13 26	4.4	23.0	20 56	273	09 49	163	110
22	01 34	701	11 47	591	110	18 38	28.8	10 55	3.0	25.8	23 19	220	09 33	166	54
23	20 56	721	15 59	629	92	18 39	30.0	12 35	7.7	22.3	21 17	230	13 32	188	42
24	01 05	706	08 57	615	91	02 30	25.2	12 23	0.9	24.3	02 18	235	07 41	137	98
25 D	21 00	862	16 52	601	261	18 28	35.8	11 47	-6.6	42.4	21 00	322	01 55	165	157
26 D	02	781	07 16	291	490	11 59	50.4	08 28	-10.0	60.4	19 04	297	08 54	-100	397
27	23 13	698	16 14	581	117	19 37	31.0	12 30	-1.9	32.9	00 01	234	08 20	166	68
28	00 45	688	16 10	610	78	18 30	33.3	13 27	3.9	29.4	13 03	214	08 13	100	114
29	21 21	710	15 50	640	70	18 48	28.8	13 26	6.3	22.5	12 42	214	00 19	193	21
30 D	(19 00	1349)	16 10	355	(994)	23 27	80.7	19 08	-43.4	124.1	18 50	657	12 00	-155	812
31															
Mean		750		584	166		32.0		1.9	30.1		257		131	126
No. days		30		30	30		30		30	30		30		30	30

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 25 Agincourt (H)

15,000 γ +

July 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	679	594	516	275	455	415	297	404	438	605	621	610	605	602	603	599	613	634	701	708	689	661	658	640	568
2 D	624	633	634	633	632	633	632	629	626	613	610	577	527	448	478	504	545	635	737	757	752	694	658	634	618
3 D	629	660	623	597	619	620	641	628	622	613	599	590	633	623	614	598	605	633	656	676	669	664	676	674	632
4	645	641	643	641	641	640	640	641	643	643	642	640	641	640	634	630	634	639	668	671	725	742	732	701	656
5 D	666	680	672	674	474	520	574	547	509	543	550	526	579	611	613	610	613	622	635	648	671	718	735	669	600
6	643	645	645	650	635	632	636	638	640	636	620	620	610	615	602	593	608	617	648	694	722	727	732	703	646
7	643	645	648	654	651	642	646	651	650	647	646	637	622	606	608	605	617	630	645	675	673	669	673	666	644
8	661	660	669	663	656	660	660	655	655	652	642	640	632	618	604	595	615	630	652	673	692	671	667	676	650
9	674	666	651	663	665	666	666	664	661	659	656	652	644	629	624	619	628	655	670	674	691	671	673	681	659
10 Q	677	672	663	648	657	663	666	660	655	658	660	653	636	630	628	630	648	664	681	692	684	678	673	676	660
11 Q	670	674	676	668	671	669	667	666	665	662	664	665	648	651	641	632	634	648	663	683	704	694	681	675	665
12	679	666	683	669	656	666	664	653	664	655	653	649	649	643	637	626	624	633	659	676	686	686	684	674	660
13 Q	670	663	662	666	668	668	665	663	661	661	660	655	647	640	633	619	616	627	652	673	686	694	687	676	659
14	672	673	673	674	674	671	673	674	678	673	669	664	660	643	627	634	649	674	692	708	729	727	686	689	674
15 Q	665	671	668	662	668	671	668	668	669	666	664	658	653	643	626	614	625	652	676	686	692	693	679	680	663
16	674	678	678	679	679	680	681	707	691	676	672	663	670	671	656	637	623	652	674	673	673	692	701	691	674
17	663	673	678	673	669	669	664	664	666	666	666	657	646	645	638	633	641	658	681	701	699	701	696	682	668
18	675	664	665	672	676	681	681	670	650	647	646	650	642	643	633	624	608	633	661	678	689	697	679	699	661
19 D	683	670	666	664	664	674	674	659	665	643	653	655	655	648	610	598	609	666	703	715	750	729	713	685	669
20	649	651	650	646	649	654	655	647	643	645	649	650	643	633	636	633	630	648	661	671	671	689	693	672	653
21	656	661	665	661	663	668	668	664	661	661	666	659	652	648	637	630	636	653	676	701	709	721	703	676	666
22	676	679	677	681	697	698	692	681	675	674	661	645	649	634	610	603	602	634	680	723	737	727	671	657	669
23	667	657	660	681	649	650	660	667	664	659	655	654	648	638	631	634	645	661	671	675	669	670	676	694	660
24	679	662	665	666	668	665	666	663	661	653	653	648	640	660	640	622	612	638	665	668	670	691	681	676	659
25	660	671	667	670	669	676	670	666	658	665	669	671	667	650	629	623	635	652	672	685	687	676	675	677	664
26 Q	669	674	672	672	675	675	675	672	673	673	674	673	669	666	656	647	648	657	673	679	680	678	681	679	670
27	676	675	676	676	679	677	677	677	674	674	676	674	664	651	638	631	636	657	672	675	706	711	715	709	674
28	705	692	694	693	690	695	691	684	676	673	675	672	663	653	641	629	635	644	665	677	685	690	690	679	675
29	683	694	686	693	678	678	678	680	668	657	653	650	645	621	613	623	630	643	660	678	704	693	659	667	664
30	675	672	673	677	677	671	668	672	666	670	671	665	654	644	629	618	628	653	672	687	699	704	697	682	668
31	674	674	676	678	679	677	673	674	671	666	662	659	653	652	648	627	626	641	671	694	717	729	697	683	671
Mean	666	664	661	652	648	647	651	651	648	651	650	645	640	632	623	617	623	645	671	686	697	696	688	678	655

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 26 Agincourt (D) West

7° + ...'

July 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	17.5	16.8	15.9	29.6	08.7	25.6	33.4	32.1	34.8	24.2	14.1	10.0	07.8	09.4	14.9	20.8	23.2	26.0	24.7	28.9	29.7	29.7	25.8	23.8	22.0
2 D	24.1	23.6	22.3	21.5	21.0	20.6	20.2	20.6	19.5	18.7	07.8	12.3	33.3	43.8	21.0	24.9	27.3	24.8	19.2	25.0	12.7	17.7	20.5	22.5	21.9
3 D	21.8	15.5	08.1	14.1	17.3	17.4	14.8	18.6	18.3	16.0	13.0	14.1	19.4	10.1	11.9	13.7	19.3	22.8	22.7	22.3	23.2	23.3	21.9	20.1	17.5
4	22.4	22.9	21.9	21.6	21.3	20.9	20.7	21.0	20.4	19.5	17.4	15.0	12.3	12.4	14.6	18.3	22.8	25.6	24.1	26.0	20.9	20.0	19.0	15.5	19.9
5 D	19.7	26.6	21.4	21.1	50.0	50.2	11.4	15.5	25.7	11.4	07.5	24.8	11.3	05.7	07.2	15.2	20.3	24.8	26.5	26.2	22.7	13.0	13.2	19.3	20.4
6	21.6	21.4	20.5	20.9	18.8	15.9	17.9	20.5	23.3	21.0	20.1	16.9	14.2	13.6	14.0	18.6	23.5	25.9	26.8	23.2	22.3	19.8	18.6	16.0	19.8
7	21.4	21.7	20.9	18.2	19.8	18.3	21.2	21.8	22.3	19.1	15.9	13.6	12.6	12.7	15.3	20.5	23.3	27.0	30.5	29.8	27.0	24.8	22.9	21.8	20.9
8	21.0	20.9	17.0	18.1	18.1	19.9	20.0	25.2	20.6	16.0	13.7	11.9	12.6	11.9	16.9	21.2	24.2	26.4	27.7	25.9	22.4	20.5	21.1	19.7	19.7
9	16.8	16.0	20.7	21.0	21.6	21.6	23.7	20.9	18.1	15.5	12.6	11.2	10.8	14.6	18.9	22.4	25.1	25.1	25.2	22.9	22.9	22.9	20.6	18.3	19.5
10 Q	19.0	19.5	18.6	19.1	21.0	21.3	20.1	18.8	17.7	16.0	14.1	11.6	10.8	11.9	16.3	21.3	25.1	28.5	28.8	26.8	23.9	21.0	19.3	19.1	19.6
11 Q	19.5	19.3	19.5	20.4	20.5	20.4	19.6	19.2	18.3	16.7	12.1	09.3	06.3	08.4	12.2	18.0	23.2	25.9	27.0	26.9	24.1	21.5	20.8	20.0	18.7
12	20.0	20.4	18.3	16.0	18.8	20.6	19.1	19.5	21.1	15.5	12.7	10.9	07.9	05.4	09.6	14.3	19.5	26.5	30.3	29.3	25.6	22.0	18.6	17.4	18.3
13 Q	18.3	19.6	20.5	20.2	20.1	19.5	19.3	18.7	18.3	16.8	14.0	10.3	08.0	08.0	10.3	15.6	21.3	26.0	28.4	27.3	24.8	22.0	19.5	18.5	18.6
14	19.0	20.1	20.1	19.6	19.3	19.0	18.7	18.3	19.2	19.1	14.1	10.4	09.0	09.5	12.6	22.1	27.0	29.7	28.9	26.8	23.1	19.3	17.9	17.0	19.2
15 Q	18.0	16.7	19.1	18.5	19.7	19.6	19.0	18.7	18.3	17.4	14.2	10.2	08.4	07.6	11.4	16.5	22.4	25.5	25.2	24.8	24.3	23.3	20.6	18.0	18.2
16	17.4	17.6	18.3	18.3	18.0	18.0	17.9	18.0	15.6	13.1	15.2	14.9	11.8	13.5	14.1	15.8	21.6	22.4	25.6	31.1	28.5	21.4	17.2	16.0	18.4
17	19.5	20.6	20.1	19.3	18.7	18.5	18.3	17.7	16.8	16.1	14.1	12.2	13.7	14.0	17.7	20.6	24.5	25.6	25.2	24.7	24.8	22.2	20.2	19.9	19.4
18	19.2	18.6	17.7	19.5	20.1	18.7	16.1	17.7	17.2	15.5	13.7	09.6	11.4	13.3	13.8	17.2	21.9	25.0	26.5	27.5	25.6	24.7	26.0	18.5	19.0
19 D	16.1	20.7	12.2	15.5	17.2	18.5	17.4	17.8	12.7	08.1	06.7	05.2	04.5	05.4	05.2	18.5	25.2	26.6	27.0	25.8	24.7	18.7	19.7	18.5	16.2
20	22.3	21.8	20.6	20.8	21.0	16.4	17.3	16.4	17.8	16.5	13.7	10.8	09.9	08.6	12.3	14.5	17.0	20.6	23.7	23.7	25.4	25.4	22.4	17.4	18.2
21	19.0	21.1	20.8	20.0	19.5	19.1	19.1	18.9	18.3	16.6	13.7	11.4	10.8	11.3	13.3	16.7	21.4	26.0	27.8	28.8	27.5	25.1	22.8	21.8	19.6
22	21.1	20.1	19.5	18.8	18.9	20.6	24.4	29.8	12.4	11.3	14.4	15.2	08.2	06.7	10.9	19.6	23.4	27.4	26.3	23.2	17.8	19.6	22.2	20.4	18.8
23	18.0	17.3	20.5	18.3	19.3	15.8	18.6	19.2	19.5	18.2	15.2	11.8	10.2	10.6	14.6	20.9	24.6	26.6	26.5	25.7	24.1	23.2	21.1	17.4	19.1
24	14.7	18.8	19.5	20.1	20.1	19.7	20.1	20.7	20.5	18.9	16.1	13.5	16.5	12.2	13.2	17.7	21.4	24.2	30.2	31.1	26.2	20.5	16.9	15.1	19.5
25	14.0	17.3	19.6	19.1	17.3	17.7	18.3	20.1	18.3	15.3	12.4	09.5	09.1	09.1	11.3	18.4	25.0	27.5	29.6	29.5	28.8	26.3	22.0	19.6	18.0
26 Q	18.7	18.2	19.3	19.3	19.1	18.8	18.3	18.9	19.5	19.0	13.6	10.3	08.2	06.8	09.1	12.4	18.5	23.2	25.4	26.3	25.3	22.4	19.8	17.9	17.8
27	18.1	18.9	19.1	19.2	19.1	18.6	17.9	17.2	16.1	14.2	11.1	07.5	04.5	03.4	05.9	12.2	17.8	22.8	26.3	28.7	26.7	25.1	22.0	19.4	17.2
28	18.1	19.6	19.5	19.7	18.5	17.3	16.7	16.3	15.2	13.5	10.0	07.9	06.0	07.8	11.0	16.3	21.7	25.3	27.3	27.7	26.4	24.6	21.6	19.7	17.8
29	19.4	18.7	20.4	12.7	11.0	17.2	17.6	19.7	16.0	14.2	18.0	08.0	05.9	04.9	09.9	18.9	25.7	31.1	33.6	32.5	27.2	25.8	22.9	20.5	18.8
30	19.1	19.3	19.4	18.4	13.2	14.7	17.1	18.3	18.0	16.6	12.2	08.4	06.8	08.9	11.4	16.3	21.8	25.0	27.4	27.7	25.6	22.7	20.3	18.1	17.8
31	19.0	20.3	19.8	19.7	18.7	18.9	18.1	17.8	17.1	15.2	12.6	12.4	09.5	09.9	13.8	15.2	22.7	27.1	28.8	27.6	23.3	21.1	20.3	20.3	18.7
Mean	19.2	19.7	19.1	19.3	19.5	20.0	19.0	19.9	19.0	16.4	13.5	11.7	10.7	10.6	12.6	17.8	22.5	25.6	26.9	27.0	24.5	22.2	20.6	19.0	19.0

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 27 Agincourt (Z)

56,000 γ +

July 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	159	197	188	069	159	085	045	100	140	212	246	242	236	225	212	196	202	208	220	226	214	217	208	208	184
2 D	208	210	212	212	208	208	208	208	209	197	179	185	072	020	142	217	274	319	303	311	279	224	205	200	209
3 D	208	229	195	179	195	199	175	194	200	201	197	184	163	168	174	191	207	212	211	219	221	215	224	217	199
4	203	200	202	202	202	202	202	203	205	206	208	206	204	203	201	203	197	194	202	207	237	253	266	268	212
5 D	236	220	211	153	005	160	179	121	059	119	112	135	177	197	212	214	220	217	220	223	241	298	304	267	187
6	233	220	223	208	207	211	202	210	205	206	201	208	207	209	206	214	217	214	218	248	268	272	271	239	222
7	213	212	209	200	166	183	189	190	196	202	206	206	200	194	199	200	202	212	218	215	211	211	212	209	202
8	211	206	195	187	195	199	188	173	180	195	193	196	200	202	197	190	196	201	208	214	228	226	223	220	201
9	216	211	205	203	200	198	197	187	190	197	199	199	198	195	196	190	188	188	188	195	203	197	208	211	198
10 Q	208	207	205	200	197	190	184	189	196	200	196	191	187	189	196	194	188	188	190	188	194	194	200	203	195
11 Q	202	200	196	194	194	194	194	195	195	196	199	200	203	201	197	196	195	195	195	196	205	206	202	202	198
12	205	203	202	198	194	193	189	190	184	199	203	197	188	181	175	167	175	184	196	205	211	218	218	213	195
13 Q	209	204	200	196	195	194	194	194	195	200	200	197	196	197	196	191	181	171	168	172	179	185	190	194	192
14	191	191	191	191	190	190	190	191	191	190	190	193	189	185	181	175	172	173	179	189	207	218	212	215	191
15 Q	208	195	187	193	193	193	193	193	193	193	191	191	190	191	189	184	184	185	191	195	199	201	202	202	193
16	198	196	193	193	192	191	192	181	158	178	184	161	161	161	161	167	169	187	206	212	213	220	225	230	189
17	223	208	200	194	190	191	190	190	190	193	190	189	183	178	184	182	188	190	188	199	206	208	210	203	194
18	200	197	194	194	193	181	163	167	172	179	182	176	175	175	176	176	178	194	205	214	227	244	238	240	193
19 D	226	208	179	188	196	196	188	155	163	182	197	199	195	190	183	189	189	207	235	262	296	299	284	262	211
20	235	230	231	221	185	194	178	193	198	202	202	202	200	196	195	194	196	200	207	212	218	226	235	244	208
21	213	200	196	193	191	191	190	192	191	194	195	193	187	183	179	187	188	181	182	190	191	193	191	194	191
22	192	190	190	189	190	147	083	154	179	190	183	159	160	171	173	183	184	196	213	262	293	268	238	213	192
23	210	213	207	194	133	183	197	196	195	199	197	196	196	196	199	197	193	183	190	194	196	200	203	212	195
24	206	199	197	194	192	190	191	190	179	188	191	186	173	172	169	166	165	181	198	196	200	217	220	219	191
25	212	201	196	194	184	175	175	183	189	194	194	196	195	193	190	186	185	185	189	190	195	196	199	197	191
26 Q	193	193	190	189	189	188	185	187	189	190	194	192	189	188	185	189	190	189	189	194	198	199	199	196	191
27	192	190	189	188	188	187	187	186	187	189	191	190	186	181	174	170	170	169	169	178	188	185	194	188	184
28	185	183	182	182	181	182	182	182	182	185	189	187	185	184	182	180	178	176	181	184	187	188	188	184	183
29	183	185	185	178	171	183	181	172	171	177	166	160	171	172	176	186	189	188	187	187	198	205	206	200	182
30	194	190	188	187	176	178	181	185	183	185	193	190	186	183	177	176	170	173	182	185	185	189	190	194	184
31	191	185	184	184	184	183	182	182	182	186	189	184	179	179	178	178	184	182	187	189	196	208	209	203	187
Mean	205	202	197	189	182	185	180	182	182	191	192	190	185	182	186	188	191	195	201	208	216	219	218	214	195

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 28 Agincourt

July 1957

Day	Horizontal Intensity					Declination					Vertical Intensity										
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range						
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +								
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ			
1 D	18	24	847	06	48	-83	930	07	09	75.5	04	16	-14.6	90.1	02	02	267	07	05	-280	547
2 D	20	02	793	13	15	401	392	13	19	64.7	10	46	-1.1	65.8	17	52	339	13	06	-21	360
3 D	22	59	697	12	04	577	120	21	00	24.7	02	06	-5.2	29.9	02	02	248	06	27	151	97
4	22	15	760	15	10	627	133	19	35	27.9	23	58	9.1	18.8	23	50	295	17	08	194	91
5 D	22	00	771	04	58	-173	944	05	07	134.2	10	30	-2.4	136.6	22	00	329	04	48	-183	512
6	22	51	781	15	11	582	199	18	42	28.4	13	49	13.1	15.3	22	51	302	10	32	194	108
7	20	08	685	13	21	599	86	18	44	32.4	13	18	11.6	20.8	00	01	221	04	16	156	65
8	20	31	699	15	07	585	114	18	21	28.3	13	17	10.5	17.8	20	47	233	07	40	165	68
9	20	41	700	15	41	615	85	19	07	26.1	01	12	10.1	16.0	01	05	217	07	32	181	36
10 Q	19	33	700	14	27	625	75	17	48	29.5	13	04	9.9	19.6	00	27	211	06	51	182	29
11 Q	20	38	706	15	33	629	77	19	05	27.7	12	52	4.6	23.1	21	14	209	19	01	192	17
12	22	03	708	16	03	620	88	18	51	31.2	13	33	4.4	26.8	22	00	223	15	15	165	58
13 Q	21	55	697	15	58	614	83	18	32	28.8	12	43	7.5	21.3	00	01	211	18	26	166	45
14	20	42	738	14	52	619	119	17	55	30.7	12	26	7.8	22.9	21	45	221	17	16	170	51
15 Q	21	06	699	15	28	610	89	17	42	25.9	13	13	7.0	18.9	00	15	211	02	00	178	33
16	07	44	721	16	07	613	108	20	07	33.7	12	26	10.3	23.4	23	51	235	08	37	151	84
17	19	18	707	15	07	624	83	17	54	26.0	11	35	11.2	14.8	00	01	229	13	13	178	51
18	21	21	713	16	19	600	113	19	10	28.2	11	19	8.3	19.9	21	20	247	07	13	158	89
19 D	20	41	786	15	46	584	202	20	40	29.1	14	27	-1.9	31.0	20	51	319	07	48	143	176
20	22	54	709	13	48	627	82	21	07	26.5	13	23	7.6	18.9	23	20	255	04	38	160	95
21	21	27	726	15	34	627	99	19	31	29.6	13	41	9.6	20.0	00	01	231	17	45	177	54
22	20	42	753	15	50	592	161	06	03	32.4	13	08	5.3	27.1	20	03	313	06	26	54	259
23	23	13	706	05	08	610	96	17	57	27.5	12	47	9.5	18.0	23	12	217	04	49	109	108
24	21	55	704	16	34	602	102	18	58	33.2	13	32	9.0	24.2	21	45	224	16	25	159	65
25	20	08	693	15	15	613	80	18	42	30.7	13	02	8.1	22.6	00	15	217	06	02	170	47
26 Q	22	30	683	15	10	642	41	19	36	26.4	13	58	6.4	20.0	22	02	201	14	30	183	18
27	23	33	742	15	20	625	117	20	00	32.7	13	30	1.9	30.8	22	34	201	18	19	166	35
28	00	23	720	15	39	626	94	19	20	28.5	12	20	4.8	23.7	00	23	192	17	21	173	19
29	20	42	710	14	04	601	109	18	58	33.9	14	05	1.8	32.1	21	50	209	10	40	149	60
30	21	59	712	15	23	613	99	18	47	28.9	12	30	6.0	22.9	23	38	197	04	48	166	31
31	21	14	738	15	38	614	124	18	41	29.2	13	15	8.4	20.8	22	04	212	15	08	177	35
Mean			726			557	169			35.2			5.7	29.5			240			132	108
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 29 Agincourt (H)

15,000 γ +

August 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	673	670	679	674	669	663	672	674	675	669	666	664	655	647	638	641	652	668	688	706	703	711	703	689	673	
2	697	690	677	666	664	668	659	658	658	654	662	661	645	644	633	618	635	658	681	694	702	692	685	703	667	
3 D	666	664	667	669	671	673	673	663	657	653	661	662	658	647	646	641	666	719	711	693	721	688	674	713	673	
4	679	658	668	666	662	654	650	646	644	652	651	647	638	628	622	617	625	640	655	666	653	665	670	672	652	
5	669	667	665	666	664	665	663	664	664	662	664	659	650	631	621	617	633	649	677	710	716	707	696	692	665	
6 D	658	657	650	653	663	647	631	581	500	611	629	601	622	629	619	622	623	624	652	685	702	703	722	685	640	
7	678	667	666	671	664	652	648	651	649	648	644	635	627	618	612	609	618	641	663	680	681	683	677	666	652	
8	671	681	682	677	670	666	644	657	657	655	653	653	648	636	612	619	614	619	642	671	674	680	668	674	655	
9	677	666	656	668	674	670	674	673	671	664	665	662	652	636	618	607	611	624	648	662	672	687	677	673	658	
10	665	675	648	667	662	675	681	678	677	674	669	666	653	638	631	640	643	653	663	673	683	693	695	685	666	
11 Q	688	688	683	681	678	677	675	673	671	670	669	666	656	644	630	632	637	641	657	673	682	693	698	692	669	
12	683	694	673	652	642	650	658	674	688	697	676	672	661	632	630	623	630	646	666	702	681	679	672	674	665	
13 D	687	694	678	586	558	570	409	537	581	607	605	583	600	609	606	594	604	622	655	666	671	680	674	673	614	
14	670	675	678	679	676	669	668	663	662	663	663	655	649	643	626	635	630	647	648	683	685	686	689	686	664	
15	673	669	643	658	662	666	670	671	662	662	658	659	653	642	634	625	632	653	666	688	709	678	674	676	662	
16	675	673	672	666	665	668	668	668	666	667	667	668	663	647	627	616	626	647	667	678	682	684	678	682	663	
17 Q	680	678	678	677	676	675	675	674	673	672	671	667	654	637	619	613	621	640	663	687	694	697	687	690	667	
18	681	685	685	681	680	684	687	687	687	686	677	669	649	648	629	622	634	646	662	674	685	687	672	674	670	
19	670	664	663	659	667	665	659	680	672	664	666	667	650	636	616	624	636	649	656	666	676	677	676	678	660	
20	677	676	675	676	670	671	671	675	676	680	677	669	654	616	617	614	609	635	644	671	690	690	675	677	662	
21	656	643	633	644	621	610	652	659	664	648	640	648	642	633	611	598	614	645	651	661	674	678	677	672	645	
22 Q	670	675	676	675	669	670	668	667	665	667	670	666	662	651	643	645	659	676	685	697	700	692	690	684	672	
23 Q	685	684	687	685	684	682	681	680	678	677	675	669	662	655	647	655	667	682	690	690	697	693	686	685	678	
24 Q	682	682	682	682	682	682	681	680	677	675	672	665	658	650	639	635	645	658	662	675	680	687	681	683	671	
25	687	684	682	683	684	687	691	692	689	684	679	667	657	644	634	628	625	644	672	695	700	707	684	667	674	
26	669	679	679	679	680	678	676	677	677	677	677	673	659	633	618	621	640	668	698	695	709	675	686	694	672	
27	700	677	681	692	670	653	674	667	662	664	654	659	655	637	614	614	629	646	676	675	707	686	690	680	665	
28	675	677	677	678	677	670	654	666	672	669	667	661	650	630	607	610	616	639	665	687	701	694	692	680	663	
29	675	675	678	680	680	680	680	681	679	677	672	662	654	631	619	621	639	654	665	714	808	757	677	714	678	
30 D	872	815	726	718	651	644	625	606	606	613	614	621	626	610	591	580	595	624	661	671	674	665	659	660	655	
31 D	662	658	649	657	659	664	649	649	662	659	656	646	623	614	592	595	575	606	612	644	664	693	693	663	644	
Mean	682	679	672	670	664	663	657	660	659	662	660	655	648	635	623	620	628	647	665	682	693	690	683	682	662	

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 30 Agincourt (D) West

7° + ...'

August 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	20.6	21.7	20.8	19.3	16.7	17.0	22.9	15.2	16.0	14.5	12.2	11.2	11.2	12.6	16.1	20.0	19.7	27.2	28.2	26.2	24.0	20.4	19.6	20.6	18.9
2	19.9	21.4	14.3	19.5	18.9	16.3	15.0	16.0	14.7	12.5	12.3	10.2	09.3	11.5	13.3	16.3	23.4	24.7	25.2	26.4	26.2	23.4	20.7	19.7	18.0
3 D	18.5	21.5	21.3	19.9	18.9	18.6	17.6	14.8	13.9	14.1	13.3	11.9	12.0	11.9	16.2	18.5	15.6	22.2	30.9	32.2	23.6	23.7	23.9	22.4	19.1
4	22.8	18.8	24.1	23.1	19.3	20.4	17.2	17.5	17.2	14.9	12.2	08.9	07.9	09.4	12.6	16.5	21.9	28.3	31.0	28.2	25.3	23.4	21.8	21.4	19.3
5	21.3	20.7	20.6	20.0	19.6	19.4	18.9	18.3	17.2	16.0	14.3	12.6	11.7	11.8	13.6	18.3	20.9	25.0	29.3	27.4	23.9	23.2	21.9	18.7	19.4
6 D	16.1	17.0	18.8	18.3	17.2	11.9	15.2	23.8	33.9	19.3	08.6	09.0	11.2	09.8	16.5	17.2	20.7	25.7	26.4	22.7	19.4	19.3	18.8	19.5	18.2
7	18.2	19.1	21.0	18.9	23.3	16.4	17.1	16.3	19.8	16.0	11.8	08.0	09.0	09.7	14.1	20.6	25.3	27.7	28.2	27.5	25.5	22.5	20.6	19.7	19.0
8	20.7	20.6	20.3	20.3	19.6	16.9	17.2	17.9	16.5	14.6	12.2	09.8	08.8	09.6	14.0	22.6	28.3	31.2	31.0	28.7	26.0	22.7	19.9	17.4	19.4
9	17.0	15.2	18.8	16.0	18.0	17.9	20.4	21.1	16.2	14.6	10.3	06.8	05.7	05.2	08.7	17.0	26.1	30.4	31.8	30.9	29.1	24.2	21.5	15.4	18.3
10	18.2	17.9	04.7	14.5	17.0	18.0	16.6	18.4	18.2	17.8	17.5	12.6	10.9	11.6	14.4	18.7	21.9	23.2	22.9	22.8	21.0	19.5	18.0	17.9	17.3
11 Q	18.3	19.4	19.8	19.5	19.4	18.5	18.3	17.5	17.0	15.4	12.4	09.4	06.9	05.9	08.9	14.5	20.7	25.1	26.4	26.6	25.8	23.9	21.8	19.8	18.0
12	19.9	18.5	19.9	11.6	09.8	15.4	11.5	14.4	16.4	10.4	10.1	08.9	05.9	08.1	18.1	23.6	27.0	33.0	36.1	31.2	28.2	22.8	20.5	19.8	18.4
13 D	18.9	19.1	13.5	16.2	07.5	06.5	25.4	16.9	09.1	18.6	11.7	15.2	14.2	13.4	17.2	21.7	26.7	30.9	30.7	29.8	28.3	23.6	19.9	19.8	18.9
14	20.1	19.8	19.7	19.5	19.5	19.2	18.0	18.2	17.0	15.8	13.8	10.4	08.7	07.0	11.5	17.4	24.5	26.8	31.4	30.8	29.2	26.9	23.0	21.8	19.6
15	14.9	18.8	15.3	20.0	18.8	18.1	18.3	18.0	20.8	17.2	13.7	09.2	06.6	07.0	10.6	15.7	22.9	27.6	31.0	30.5	26.6	25.9	22.4	21.6	18.8
16	20.5	18.7	19.5	21.0	18.1	19.0	18.9	18.0	17.3	16.3	14.2	11.4	09.2	09.2	12.2	18.8	27.9	31.7	31.9	30.1	27.0	24.3	21.8	20.2	19.9
17 Q	19.2	19.5	19.9	19.7	19.2	18.9	18.3	17.9	17.1	16.0	13.6	10.3	07.8	06.6	09.6	17.4	23.3	27.5	28.7	27.8	25.7	23.2	20.4	18.6	18.6
18	19.2	19.1	17.7	16.5	18.2	18.3	17.7	17.0	15.8	14.2	12.6	13.6	12.1	09.1	11.4	17.7	23.4	27.5	27.9	26.9	23.4	20.3	17.4	15.5	18.0
19	16.6	14.9	05.4	12.6	13.2	14.5	14.0	15.1	18.5	16.9	19.5	13.2	10.3	11.3	16.2	22.8	27.0	28.9	29.2	26.9	23.2	19.9	18.2	16.9	17.7
20	16.6	17.7	18.6	16.7	16.8	16.7	16.3	17.3	17.7	19.1	14.0	11.2	09.5	10.9	17.6	20.1	26.0	29.8	28.7	27.5	23.2	20.4	16.5	16.5	18.6
21	14.0	13.6	13.7	10.1	16.4	15.7	14.8	17.3	19.1	22.9	23.1	16.4	12.4	13.2	17.8	23.5	29.4	30.6	28.7	28.4	25.6	22.9	21.1	20.3	19.6
22 Q	20.1	19.5	19.4	19.2	18.7	17.3	16.8	17.2	17.5	16.5	14.1	11.7	10.9	11.3	15.1	21.3	25.2	26.9	27.2	25.7	24.0	22.5	21.0	20.2	19.1
23 Q	20.4	20.2	19.5	19.0	18.5	17.7	17.2	16.8	16.0	15.2	13.6	11.1	09.7	11.4	16.8	22.9	26.6	27.2	25.9	24.1	21.5	19.5	18.6	19.4	18.7
24 Q	19.7	19.4	19.0	18.8	18.7	18.3	17.8	17.0	16.7	15.9	14.5	12.0	11.3	11.8	14.1	20.2	24.7	27.9	29.7	29.4	26.9	23.8	21.3	19.7	19.5
25	19.5	19.2	19.0	18.8	18.6	18.1	17.3	16.4	15.9	14.7	12.7	08.5	05.7	05.8	08.7	16.7	22.3	29.9	33.5	32.9	29.8	25.0	22.4	19.4	18.8
26	19.2	19.1	19.6	19.1	18.5	17.8	17.8	17.2	16.4	15.5	13.5	09.3	06.7	05.4	13.1	19.5	26.5	32.9	34.3	32.1	29.2	24.8	20.9	19.4	19.5
27	20.1	19.6	20.0	18.9	13.7	14.1	18.3	16.7	16.1	14.1	13.5	11.7	06.6	07.2	12.1	21.4	27.8	30.2	31.2	30.6	27.2	20.4	18.3	18.9	18.7
28	19.5	19.5	19.3	19.2	18.3	13.7	15.2	19.2	18.2	16.4	12.1	07.2	06.8	06.8	11.9	23.6	31.0	33.0	33.2	31.1	28.0	23.6	19.6	18.3	19.4
29	18.4	20.3	19.2	19.5	19.1	18.6	18.5	18.3	18.1	16.8	14.6	11.2	10.4	08.8	14.0	21.1	26.7	29.4	31.1	23.9	23.8	25.2	19.9	24.9	19.7
30 D	18.8	13.1	14.1	14.9	21.3	20.2	20.1	22.7	22.7	26.6	13.6	09.5	08.9	10.9	15.4	21.2	25.1	28.0	28.9	28.7	26.1	23.9	21.9	20.7	20.0
31 D	20.2	21.3	19.6	20.1	21.4	21.1	17.6	18.2	18.3	16.9	15.4	13.3	11.4	13.7	14.6	22.9	27.2	28.2	28.0	34.4	30.3	24.4	21.0	19.5	20.8
Mean	18.9	18.8	18.0	18.1	17.8	17.1	17.6	17.7	17.6	16.3	13.6	10.8	09.3	09.6	13.8	19.7	24.7	28.4	29.6	28.4	25.7	22.9	20.5	19.5	18.9

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 31 Agincourt (Z)

56,000 γ +

August 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	195	189	187	187	188	185	165	181	185	186	188	185	182	179	178	180	180	179	187	194	193	196	194	189	186
2	191	188	183	188	192	184	187	188	184	185	190	190	185	184	185	183	184	185	188	195	206	209	208	216	191
3 D	213	199	190	187	185	185	183	179	183	185	188	184	182	176	176	166	152	165	191	210	209	196	194	221	187
4	287	226	217	216	205	206	196	196	192	190	194	193	187	183	185	184	182	185	188	191	190	193	193	190	199
5	189	187	187	185	185	185	184	185	186	188	188	185	184	176	170	169	173	185	201	229	237	242	241	253	196
6 D	230	218	223	218	172	157	131	083	019	131	151	150	167	172	176	184	197	201	207	236	261	271	273	251	187
7	219	202	201	196	176	188	190	183	170	174	190	187	182	184	188	188	190	188	190	197	199	203	201	198	191
8	194	193	193	194	194	194	191	186	195	194	196	197	195	193	194	196	194	189	191	201	201	205	202	202	195
9	203	206	121	188	194	194	188	171	184	190	194	192	188	184	181	176	184	185	188	190	194	202	206	221	189
10	205	200	197	178	190	183	170	180	186	189	190	194	195	194	189	194	190	194	198	201	204	206	203	194	193
11 Q	191	188	185	184	183	185	185	185	185	186	186	186	183	178	176	173	171	173	177	183	186	190	192	186	183
12	185	188	188	186	172	161	164	192	189	184	185	189	183	184	189	183	185	188	182	195	202	204	202	196	187
13 D	194	191	203	153	105	064	031	094	101	140	128	141	158	178	196	196	198	203	208	210	201	203	200	197	162
14	195	194	192	190	189	189	190	190	190	192	195	192	185	185	185	191	196	200	197	195	203	204	207	208	194
15	207	209	211	199	193	191	190	184	179	191	201	201	198	195	192	186	185	186	190	195	204	201	203	204	196
16	208	213	205	198	198	194	192	191	192	194	197	198	195	195	196	197	200	203	201	197	195	195	194	193	198
17 Q	190	190	189	188	188	188	188	188	188	190	193	194	195	195	195	191	185	184	186	188	191	194	194	192	190
18	189	189	187	185	186	188	188	186	185	185	186	186	182	179	178	178	179	194	200	207	212	209	206	190	
19	201	198	166	184	153	150	167	162	164	153	177	190	194	195	195	198	201	200	203	206	206	204	198	195	186
20	194	193	191	186	186	185	184	185	188	182	190	191	185	182	183	180	184	192	204	210	233	239	237	225	196
21	220	220	204	128	134	134	162	178	188	179	149	152	161	167	173	188	196	198	197	210	208	200	197	195	181
22 Q	194	193	192	193	195	190	189	190	190	191	191	189	191	191	190	186	191	197	201	201	200	196	195	192	193
23 Q	189	189	188	187	187	188	188	188	188	188	188	188	186	183	178	176	180	182	186	188	183	182	183	184	185
24 Q	185	185	185	184	183	183	183	184	183	184	185	184	182	183	180	182	182	180	187	193	194	197	191	188	185
25	187	186	186	186	186	186	185	185	185	185	187	189	185	181	180	180	174	178	191	202	205	213	208	201	189
26	192	190	189	186	185	186	187	187	186	187	190	190	186	184	182	171	168	174	184	190	198	191	192	190	186
27	197	196	190	186	192	191	202	191	186	189	189	189	186	183	185	194	196	199	204	202	211	216	207	198	195
28	195	193	189	190	189	183	183	188	184	191	198	201	201	196	192	189	180	183	187	197	202	202	202	202	193
29	199	195	192	189	187	186	187	189	189	189	192	192	187	186	183	181	181	183	189	207	233	277	253	216	198
30 D	421	298	334	335	237	245	227	195	177	162	178	195	204	202	203	196	198	204	204	203	199	199	198	198	225
31 D	198	202	204	200	190	167	163	167	180	192	195	193	188	185	190	190	193	210	235	240	235	234	249	275	203
Mean	208	200	196	192	184	180	178	178	177	182	185	187	186	185	185	185	186	189	195	202	206	209	207	206	191

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 32 Agincourt

August 1957

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range γ	Maximum 7° W +		Minimum 7° W +		Range	Maximum 56,000 γ +		Minimum 56,000 γ +		Range γ
	h. m.	γ	h. m.	γ		h. m.	'	h. m.	'		h. m.	γ	h. m.	γ	
1	22 12	718	14 49	635	83	06 06	29.0	12 17	9.2	19.8	00 01	200	06 19	153	47
2	20 58	719	15 07	613	106	20 28	27.2	12 01	8.1	19.1	23 41	221	05 39	172	49
3 D	20 01	742	15 38	617	125	18 09	36.4	17 08	8.9	27.5	23 59	241	16 50	144	97
4	00 01	712	15 15	612	100	18 18	31.8	12 47	7.0	24.8	00 30	339	16 25	179	160
5	20 20	728	15 41	611	117	19 07	30.4	23 46	11.4	19.0	23 33	267	15 08	165	102
6 D	22 29	743	08 40	400	343	08 33	55.7	11 11	0.4	55.3	22 40	280	08 30	-110	390
7	00 23	705	15 13	603	102	04 10	30.9	11 25	7.1	23.8	00 14	256	08 49	155	101
8	21 19	695	14 35	607	88	18 04	31.8	13 41	8.0	23.8	21 10	210	07 20	182	28
9	21 15	703	14 54	601	102	18 33	32.2	13 54	-3.2	35.4	23 10	228	02 25	107	121
10	22 17	709	14 10	627	82	18 56	24.4	02 40	-0.7	25.1	00 05	210	06 27	162	48
11 Q	22 45	709	15 09	618	91	19 27	27.2	13 00	4.4	22.8	22 37	197	16 23	168	29
12	19 06	719	13 57	601	118	17 55	37.4	12 23	3.4	34.0	20 43	212	05 59	124	88
13 D	01 51	708	06 39	227	481	06 56	58.4	03 10	-0.3	58.7	02 52	224	06 25	-16	240
14	19 30	699	14 13	616	83	18 54	32.0	13 56	5.1	26.9	23 59	219	13 58	179	40
15	20 35	719	15 16	623	96	18 43	31.8	12 33	5.4	26.4	02 05	225	08 17	173	52
16	21 17	693	15 33	612	81	17 57	32.4	12 51	8.0	24.4	01 15	216	07 30	190	26
17 Q	21 14	701	15 22	608	93	18 28	29.3	13 34	5.4	23.9	14 36	196	17 19	182	14
18	21 21	712	15 48	619	93	19 08	29.1	13 42	8.2	20.9	21 22	219	12 18	177	42
19	07 15	687	14 33	604	83	18 08	29.8	02 18	-3.4	33.2	19 40	208	04 56	119	89
20	20 26	700	14 24	598	102	17 22	32.3	12 40	8.1	24.2	21 48	242	16 02	177	65
21	22 15	682	05 30	565	117	17 22	33.0	03 05	-15.7	48.7	01 33	228	05 17	75	153
22 Q	20 00	704	14 47	641	63	18 34	27.5	12 31	10.3	17.2	19 05	203	05 40	185	18
23 Q	20 32	700	14 25	646	54	16 50	27.8	12 47	9.3	18.5	00 01	192	15 26	176	16
24 Q	21 35	698	15 00	630	68	19 28	30.2	12 21	10.6	19.6	21 30	198	15 00	177	21
25	21 06	723	15 52	621	102	18 28	34.9	12 16	4.5	30.4	21 05	216	16 30	171	45
26	20 37	724	14 07	611	113	18 10	35.6	13 06	2.3	33.3	20 35	204	16 40	165	39
27	20 42	726	15 00	591	135	19 02	32.9	12 13	3.4	29.5	21 37	222	12 06	177	45
28	20 30	707	14 44	600	107	17 44	34.4	12 27	5.3	29.1	23 45	205	06 07	173	32
29	21 16	854	21 58	606	248	21 48	42.1	13 35	6.6	35.5	22 09	318	19 22	173	145
30 D	01 16	1044	16 32	554	490	08 56	35.7	01 17	-11.7	47.4	00 47	486	01 21	132	354
31 D	22 13	742	16 22	550	192	19 10	39.4	18 14	7.3	32.1	23 35	298	06 03	157	141
Mean		726		589	137		33.7		4.3	29.4		238		146	92
No. days		31		31	31		31		31	31		31		31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 33 Agincourt (H)

15,000 γ +

September 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	648	659	645	655	666	632	630	637	650	656	655	647	635	612	615	613	625	642	657	674	684	685	688	676	649	
2	672	667	680	681	652	641	503	503	632	637	632	625	532	549	554	554	626	668	733	789	1025	1066	1107	1158	704	
3 D	954	886	766	660	660	660	604	648	551	282	337	257	312	398	398	507	688	668	600	619	617	630	635	622	582	
4 D	631	624	625	627	662	619	619	617	613	615	610	604	594	604	410	201	378	583	(883)	676	589	703	845	861	616	
5	639	191	308	282	(130)	186	401	413	504	579	586	580	576	580	583	599	616	624	625	628	650	698	668	619	511	
6	626	629	629	647	624	608	614	612	606	602	584	557	528	566	593	589	615	638	641	636	638	641	643	641	613	
7	644	650	646	652	647	651	641	640	640	636	632	632	627	614	604	607	614	628	643	660	667	668	665	663	640	
8 Q	658	659	657	657	658	660	660	660	658	655	650	642	631	615	609	620	634	643	652	660	669	678	679	671	652	
9	674	679	665	666	668	650	630	659	644	650	652	630	630	620	607	589	606	629	652	665	671	672	673	672	648	
10	673	673	673	671	672	672	671	663	647	652	654	649	626	607	592	593	603	621	645	673	691	668	675	676	652	
11 Q	676	675	677	673	672	671	671	668	666	664	658	655	639	620	601	594	614	647	673	690	686	680	675	669	659	
12	669	669	675	672	675	674	673	669	670	663	656	652	627	593	574	563	589	607	631	652	668	681	687	678	649	
13 D	686	749	732	366	624	445	(079	-049	-074	-049	130)	298	456	513	505	523	522	584	604	622	627	625	640	632	450	
14	622	627	626	622	628	629	622	588	574	482	525	527	564	538	570	591	589	580	602	617	655	655	660	668	598	
15	645	640	635	627	617	638	641	643	649	645	638	624	614	598	584	582	587	604	626	665	678	682	668	660	633	
16	648	649	647	634	647	656	659	658	660	663	658	649	632	611	592	575	593	617	635	663	671	679	673	668	643	
17	670	676	674	672	677	678	676	677	675	678	675	663	655	620	599	604	601	630	650	668	677	686	691	691	661	
18	682	685	675	670	666	665	673	669	672	673	669	665	649	640	632	627	632	647	653	658	677	676	688	673	663	
19 Q	681	683	682	678	678	679	680	678	675	676	671	665	647	632	624	621	630	638	650	666	676	678	678	683	665	
20 Q	682	679	681	683	683	682	683	681	683	681	675	668	655	639	629	636	639	652	669	669	678	694	688	688	671	
21	683	689	691	686	685	682	684	683	680	685	685	605	569	592	603	564	544	557	687	767	644	682	635	650	651	
22	656	622	612	589	558	550	445	531	517	531	573	548	570	558	236	371	592	629	632	598	639	711	842	903	584	
23 D	761	700	689	321	(191	183)	272	052	264	280	329	288	381	361	388	487	512	547	617	632	673	682	640	625	453	
24	630	614	644	644	620	566	625	637	616	600	586	566	565	573	591	581	580	595	618	637	651	657	653	653	613	
25	653	653	647	646	640	647	630	601	624	651	630	612	608	589	584	575	580	603	624	642	656	668	663	660	629	
26	668	666	668	668	671	669	671	665	663	666	669	665	650	622	604	594	609	621	632	647	662	673	683	681	654	
27 Q	677	673	675	675	677	676	678	681	682	681	680	676	663	642	620	609	620	636	656	672	677	688	692	686	666	
28	678	682	686	683	672	656	657	670	671	676	673	668	656	640	626	625	638	657	683	686	697	698	693	686	669	
29 D	702	707	701	682	698	652	594	646	657	657	673	664	669	555	453	268	411	566	675	698	868	723	786	817	647	
30	590	584	564	594	596	605	610	621	611	463	524	610	629	621	575	595	609	618	641	642	642	659	651	646	604	
31																										
Mean	673	655	652	623	621	609	597	591	599	588	599	593	593	584	558	555	590	619	653	662	680	690	699	699	624	

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 34 Agincourt (D) West

7° + ...'

September 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	19.5	12.2	03.0	08.0	15.8	27.0	34.7	25.5	25.6	21.0	17.7	14.3	12.6	14.5	19.2	22.9	25.9	26.9	25.5	23.4	20.9	18.5	17.8	16.9	19.6
2	16.7	16.9	19.4	17.2	16.0	27.9	22.9	22.3	14.6	12.5	09.0	10.3	14.1	18.3	19.1	26.5	30.3	33.0	34.3	31.7	18.6	00.2	08.6	01.7	18.3
3 D	09.9	15.1	16.1	09.0	23.1	20.6	18.7	11.9	16.4	20.2	17.4	33.6	40.1	56.6	31.8	16.1	23.2	19.6	34.4	28.4	27.1	23.3	23.7	23.8	23.3
4 D	23.8	22.9	22.8	16.7	16.4	20.7	20.6	20.3	19.2	17.3	15.2	14.0	12.2	10.0	28.6	15.8	41.5	06.1	35.6	35.1	21.0	00.3	17.0	16.3	16.3
5	53.2	45.1	16.4	49.7	57.8	29.9	19.5	43.6	29.3	16.8	16.3	16.4	18.3	20.5	23.3	27.5	29.3	32.5	30.1	30.3	26.0	17.7	17.7	24.5	28.8
6	25.4	24.1	19.8	18.7	14.9	27.4	17.6	17.9	17.0	10.3	03.8	03.2	14.1	20.0	24.2	22.8	33.1	33.0	32.6	29.7	24.1	20.5	19.6	20.4	20.6
7	20.7	20.3	21.9	21.9	15.9	18.6	20.1	17.8	17.2	16.4	15.0	11.8	10.3	12.3	16.9	23.3	26.3	27.6	27.6	25.5	22.3	20.2	19.9	21.3	19.6
8 Q	22.4	21.9	21.4	21.2	20.6	19.5	18.7	18.0	17.3	16.5	14.9	11.5	11.7	13.1	18.2	25.8	29.2	29.4	28.4	25.7	23.0	22.1	21.9	22.3	20.6
9	22.0	21.4	17.7	19.3	20.5	22.3	22.7	12.7	11.3	10.5	09.6	16.6	17.2	18.1	20.1	25.7	32.1	32.9	31.1	28.1	23.7	20.1	19.2	20.6	20.6
10	21.3	21.2	20.7	20.6	20.1	18.9	17.7	14.1	14.5	14.6	12.7	11.3	10.9	14.3	19.5	24.7	28.7	32.4	33.1	29.3	25.2	21.8	20.4	21.4	20.4
11 Q	21.6	20.6	21.0	20.7	19.9	19.2	18.3	21.0	15.1	13.9	13.5	12.1	09.5	10.6	15.0	23.3	31.6	35.6	33.8	28.3	23.4	19.7	19.0	20.1	20.3
12	19.7	19.5	19.6	20.6	20.0	19.1	18.3	17.6	16.8	15.9	16.1	10.7	05.4	06.8	15.5	22.0	28.4	32.0	32.9	29.8	25.8	22.4	19.6	17.4	19.7
13 D	17.3	11.2	25.2	(55.7)	24.6	35.5	(44.7)	39.1	(48.3)	46.5	04.1	17.3	24.6	21.9	24.1	31.2	35.1	34.3	33.4	30.7	25.2	21.5	20.2	21.9	28.6
14	22.9	23.3	24.1	22.8	21.9	21.4	19.5	21.8	30.5	19.6	14.1	13.2	18.5	16.6	22.4	25.0	28.6	29.3	29.1	26.9	22.9	19.6	17.6	12.7	21.9
15	20.6	18.9	18.9	17.3	19.6	16.0	17.6	18.1	16.7	17.2	16.4	12.4	09.5	10.4	13.6	18.3	23.9	27.4	29.1	25.5	22.5	18.7	18.1	18.7	18.6
16	16.9	19.2	13.2	14.2	19.5	17.4	18.8	18.3	18.3	17.2	16.0	13.5	11.5	11.4	14.5	20.7	25.3	29.1	29.7	26.9	24.5	21.8	21.0	20.6	19.2
17	20.6	20.0	19.7	21.5	20.3	18.7	18.5	18.0	18.9	19.6	18.3	19.5	16.2	13.2	21.5	22.9	26.5	29.4	28.8	27.8	25.5	23.2	22.3	21.9	21.4
18	21.7	20.5	17.0	12.4	16.1	18.7	17.7	16.8	16.7	16.0	15.5	13.3	11.8	13.0	16.5	20.6	24.7	29.5	31.7	28.8	23.9	21.7	21.5	22.8	19.5
19 Q	21.0	20.7	20.6	20.1	19.2	18.2	17.6	16.4	16.5	16.1	16.0	13.7	12.3	12.3	16.0	19.3	23.2	25.2	26.2	24.6	22.5	20.7	21.0	21.3	19.2
20 Q	21.4	21.0	20.3	19.7	18.9	18.3	17.8	16.8	16.0	15.0	15.0	13.5	12.2	12.3	15.8	21.3	25.1	28.3	27.0	24.2	20.2	18.4	20.1	21.8	19.2
21	19.3	19.1	20.1	19.3	19.1	18.2	17.1	16.4	16.3	17.2	24.6	40.7	24.3	28.7	26.2	26.9	28.8	41.2	25.3	14.1	23.2	17.9	21.7	25.3	22.9
22	21.5	17.9	21.0	16.9	15.5	17.0	02.3	15.1	16.0	10.2	13.4	15.3	16.9	20.3	62.3	40.2	42.6	36.1	32.5	25.2	15.9	16.6	03.3	03.2	20.4
23 D	02.3	06.4	01.4	50.7	(63.6	61.8)	17.6	27.7	16.0	24.8	28.7	43.4	34.4	39.7	46.2	44.3	34.1	33.0	25.5	26.9	20.0	17.4	19.5	20.3	29.4
24	17.4	04.5	14.9	23.2	25.1	34.2	28.6	18.3	15.9	28.0	22.9	24.1	21.3	19.9	22.7	26.2	30.9	34.2	32.6	28.8	24.2	21.4	19.8	20.5	23.3
25	19.1	14.7	20.7	21.3	28.8	18.4	20.5	34.3	19.5	10.0	16.7	21.3	16.0	20.0	16.9	24.1	28.8	32.1	32.3	29.4	25.9	22.3	20.6	21.1	22.3
26	20.5	21.0	21.0	21.3	21.8	28.2	19.5	16.7	17.5	19.5	17.7	15.8	14.1	13.0	17.8	25.7	29.3	31.1	30.5	28.2	24.0	20.4	19.2	19.6	21.4
27 Q	20.5	20.6	20.5	20.4	20.1	19.6	19.3	18.7	18.3	16.8	15.8	14.1	12.3	12.0	14.5	20.5	25.9	28.7	27.5	25.1	23.9	21.9	21.0	20.5	19.9
28	21.0	20.5	20.2	20.4	15.6	13.9	16.4	15.8	16.0	15.9	15.7	14.6	12.0	12.5	13.7	19.2	22.9	25.1	25.9	25.0	22.9	21.9	22.1	21.4	18.8
29 D	20.3	21.0	20.5	18.5	17.4	21.8	24.6	13.8	11.8	12.1	11.3	10.9	11.0	03.9	26.9	37.1	51.1	06.3	23.9	15.4	11.4	19.7	12.3	06.0	17.4
30	22.0	24.1	18.8	14.1	20.2	22.1	21.0	21.3	21.1	42.3	36.2	20.6	14.2	14.1	18.3	26.4	29.6	32.3	30.2	29.9	27.9	27.5	25.7	23.2	24.3
31																									
Mean	20.7	19.5	18.6	21.8	22.3	23.0	20.3	20.2	18.9	18.4	15.8	16.8	15.7	17.1	21.4	25.3	29.0	27.5	29.0	27.0	23.4	20.0	18.5	18.3	21.2

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 35 Agincourt (Z) 56,000 γ + September 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	247	217	143	126	153	088	078	117	142	163	184	189	190	191	196	201	205	205	207	213	214	207	202	201	178
2	202	196	181	172	072	046	-061	-019	167	204	201	183	127	135	142	166	208	231	247	269	437	312	288	265	182
3 D	266	318	030	175	239	248	203	246	186	020	073	-012	004	063	142	280	340	315	271	235	239	240	228	216	190
4 D	216	219	214	193	155	196	217	214	212	210	211	208	204	196	173	244	328	407	270	292	274	348	306	185	237
5	239	138	204	305	407	348	077	120	234	252	251	248	248	243	239	231	227	225	235	244	262	292	270	238	241
6	229	225	228	168	199	186	204	216	219	198	201	178	151	150	189	201	217	220	238	247	234	231	219	213	207
7	215	217	214	220	217	216	222	217	216	213	215	211	205	207	207	212	222	231	234	231	223	217	212	211	217
8 Q	209	209	209	208	209	209	209	209	208	209	208	206	205	204	210	216	218	220	219	218	216	214	212	208	211
9	205	205	210	210	209	196	152	174	193	200	199	198	197	197	198	200	212	215	211	217	223	216	208	205	202
10	204	203	203	203	202	200	200	186	190	198	204	205	204	203	202	204	205	211	216	218	221	211	207	204	204
11 Q	203	204	202	202	202	202	200	186	193	193	199	202	203	202	200	198	199	203	208	211	215	217	212	206	202
12	206	205	203	200	200	199	199	199	198	196	198	198	194	190	190	185	193	197	206	212	215	211	212	217	201
13 D	222	194	192	120	192	210	019	548	676	-071	-113	282	276	247	238	245	265	274	263	270	263	258	248	241	232
14	238	233	233	236	230	221	221	203	121	106	107	151	176	173	203	223	235	242	251	251	259	260	263	256	212
15	244	223	235	223	189	210	220	220	217	218	216	215	217	217	216	216	218	228	237	246	242	241	239	240	224
16	234	222	221	217	215	212	214	211	209	208	210	210	211	214	215	212	214	217	222	227	222	217	212	211	216
17	209	206	208	206	202	204	204	204	199	194	191	185	176	181	184	196	204	209	216	218	216	214	210	205	202
18	203	205	215	208	208	215	209	204	203	200	200	199	198	193	196	199	198	194	200	203	206	203	210	203	203
19 Q	203	200	200	200	199	199	199	199	199	199	199	199	199	197	199	199	203	204	209	209	204	202	200	202	201
20 Q	202	199	198	198	198	197	197	197	194	194	194	194	196	196	198	200	200	205	208	209	210	210	203	199	200
21	197	197	194	194	196	194	194	194	192	187	132	081	101	100	132	172	209	288	414	421	361	318	252	252	216
22	318	284	238	216	211	170	058	130	152	163	180	176	187	180	-037	049	228	209	221	242	298	337	444	450	213
23 D	397	324	229	047	337	001	144	228	085	093	043	051	151	231	229	275	276	306	348	326	347	308	283	260	221
24	272	254	223	220	200	096	170	210	195	205	182	174	191	215	210	212	213	221	233	240	243	236	229	227	211
25	219	209	217	207	177	188	170	120	146	183	191	168	174	186	204	213	223	228	228	228	223	219	215	212	198
26	213	212	212	212	201	176	191	204	206	204	200	200	198	198	200	202	206	211	212	214	216	213	209	207	205
27 Q	207	207	206	206	206	206	206	206	206	205	203	203	200	200	198	197	203	209	215	215	213	213	209	204	206
28	204	205	206	207	204	207	212	209	209	207	207	207	204	204	200	197	195	198	204	210	206	200	198	200	204
29 D	203	201	206	216	218	124	075	164	197	141	147	189	168	159	185	182	245	387	424	407	368	354	384	300	235
30	283	254	217	218	228	221	217	223	198	043	092	156	206	224	219	221	228	231	242	237	234	245	252	245	214
31																									
Mean	230	219	203	198	209	186	167	198	205	171	171	182	185	190	189	205	225	238	244	246	250	245	241	229	209

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 36 Agincourt

September 1957

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range	Maximum 7° W +		Minimum 7° W +		Range	Maximum 56,000 γ +		Minimum 56,000 γ +		Range
	h. m.	γ	h. m.	γ	γ	h. m.	'	h. m.	'	'	h. m.	γ	h. m.	γ	γ
1	22 42	698	05 26	590	108	05 05	51.1	02 12	-26.6	77.7	00 01	267	05 06	-19	286
2	(21 00	1331)	06 10	382	(949)	05 20	54.1	21 06	-26.2	80.3	20 53	539	07 00	-211	750
3 D	(00 01	1199)	10 01	20	(1179)	13 28	66.9	02 42	-25.9	92.8	16 38	365	09 32	-147	512
4 D	(18 00	1300)	15 45	25	(1275)	13 28	67.0	17 52	-86.6	153.6	17 40	457	23 59	-127	584
5	00 06	913	(04 00	-242)	(1155)	00 42	124.7)	04 24	-19.5	(144.2)	04 40	611	01 10	-181	792
6	03 28	676	12 22	493	183	16 35	37.5	03 01	-3.1	40.6	19 25	256	13 02	136	120
7	21 50	682	15 46	601	81	17 38	28.7	11 59	8.0	20.7	18 47	234	12 16	201	33
8 Q	22 10	700	13 49	600	100	17 17	30.2	11 50	9.4	20.8	17 01	223	13 48	202	21
9	01 55	683	15 28	584	99	17 28	33.3	10 20	7.5	25.8	20 04	224	06 23	130	94
10	20 27	709	15 33	584	125	17 52	35.2	12 13	9.9	25.3	20 27	226	07 38	181	45
11 Q	19 53	696	15 07	589	107	17 25	36.0	12 35	8.7	27.3	21 20	218	07 47	182	36
12	21 57	703	15 23	513	190	18 42	33.9	12 56	4.4	29.5	23 47	220	15 18	167	53
13 D	00 52	790	(09 15	-329)	(1119)	03 15	97.1)	(10 40	-37.5)	(134.6)	07 55	780	06 55	-456	1236
14	20 51	678	09 30	408	270	08 55	33.4	09 45	-4.4	37.8	22 57	286	10 22	46	240
15	20 57	694	16 28	579	115	18 20	30.6	12 58	8.4	22.2	00 55	250	04 10	173	77
16	21 37	680	15 25	568	112	18 32	30.3	00 54	7.4	22.9	00 35	248	01 05	188	60
17	23 59	701	13 51	594	107	17 02	32.0	13 31	10.0	22.0	19 32	223	12 31	173	60
18	22 24	710	15 13	622	88	17 40	35.4	02 54	8.4	27.0	03 05	223	17 37	190	33
19 Q	23 54	689	16 09	620	69	17 56	26.9	13 00	10.5	16.4	19 22	211	13 00	196	15
20 Q	21 02	706	14 01	628	78	17 50	29.2	12 57	10.6	18.6	21 39	212	09 21	193	19
21	19 03	795	16 53	482	313	11 23	61.8	19 08	8.5	53.3	18 50	442	11 38	59	383
22	21 57	1003	14 25	58	945	14 15	90.5	06 21	-14.6	105.1	21 57	588	14 23	-101	689
23 D	00 37	852	07 09	-65	917	(05 15	103.5)	05 45	-41.3	144.8	(04 40	589)	(02 55	-335)	(924)
24	22 02	671	05 10	525	146	05 33	45.9	01 31	-2.5	48.4	00 34	293	05 32	74	219
25	21 35	673	15 48	569	104	07 42	40.2	01 33	6.3	33.9	19 22	231	07 49	95	136
26	22 47	686	15 12	594	92	17 18	31.6	13 31	11.2	20.4	20 16	217	05 39	171	46
27 Q	22 33	698	15 32	604	94	17 21	29.5	13 55	11.3	18.2	19 20	216	15 17	196	20
28	21 48	708	15 18	620	88	18 52	26.4	12 40	11.6	14.8	06 30	213	04 30	195	18
29 D	20 19	1036	15 27	153	883	16 08	68.3	17 37	-20.1	88.4	20 13	531	06 23	25	506
30	21 05	675	09 45	380	295	09 28	54.5	02 55	2.5	52.0	00 02	336	09 27	-29	365
31															
Mean		791		411	380		48.9		-5.1	54.0		331		52	279
No. days		30		30	30		30		30	30		30		30	30

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 37 Agincourt (H)

15,000 γ +

October 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	657	652	642	656	636	646	656	659	658	660	657	651	634	606	616	620	631	639	667	668	668	658	657	659	648
2	660	666	676	666	664	663	663	664	666	666	666	664	655	645	637	630	649	657	666	668	676	681	684	685	663
3	668	666	671	673	674	678	678	678	681	681	676	663	655	655	625	616	645	636	651	670	655	670	666	669	662
4	668	677	676	676	677	671	667	667	666	669	668	663	649	630	614	624	630	634	651	666	672	668	673	668	659
5	669	670	677	678	683	678	671	668	668	668	669	668	661	645	626	612	613	625	647	678	683	677	683	685	663
6 Q	681	686	686	684	683	680	680	680	680	680	678	676	672	659	640	626	616	619	634	652	671	677	684	694	668
7 Q	694	693	694	694	696	694	690	689	685	681	685	689	677	663	645	640	646	655	668	679	692	688	692	692	680
8 Q	692	689	689	688	689	688	685	684	684	682	681	678	665	649	634	630	641	658	673	683	688	688	687	691	676
9	696	698	696	689	688	683	682	681	682	683	681	679	669	655	635	632	629	648	663	666	655	673	676	675	672
10	665	662	658	660	632	622	612	595	619	651	675	670	659	649	637	622	619	625	627	640	657	666	658	668	644
11 D	668	662	660	664	646	626	631	646	656	676	676	660	650	642	618	596	606	611	625	635	653	663	654	655	645
12	659	662	657	652	652	651	649	653	663	665	685	678	664	645	621	597	587	592	615	635	650	662	676	672	648
13 D	673	662	641	654	643	636	649	667	668	670	675	671	661	638	617	607	617	619	632	646	666	666	683	677	651
14 D	673	665	637	631	566	445	482	601	657	575	618	669	660	626	598	566	590	618	614	634	622	635	646	661	612
15	657	647	652	657	655	657	663	662	662	660	657	641	632	632	622	617	624	626	641	654	656	665	664	665	649
16 Q	665	668	670	671	671	672	672	673	673	673	668	657	645	630	620	617	631	651	665	672	679	684	685	685	662
17	691	691	688	688	687	688	685	684	687	686	683	681	676	662	645	637	632	637	652	666	676	682	693	691	675
18 Q	696	697	688	688	687	686	682	683	685	686	686	684	676	667	654	643	645	654	673	669	673	676	681	681	677
19	687	692	692	694	692	693	690	683	688	686	683	681	676	662	645	638	640	651	666	692	686	683	672	676	677
20	681	678	682	678	677	676	678	682	680	681	678	676	665	657	656	656	659	662	672	683	686	693	712	673	676
21 D	662	661	668	671	671	671	671	676	671	669	667	661	647	636	640	627	649	660	673	696	716	714	700	715	671
22	681	661	655	660	653	651	647	653	647	638	639	645	642	637	629	615	622	638	655	665	663	665	647	661	649
23	671	650	667	662	663	667	665	657	655	662	671	664	648	630	609	601	609	630	646	666	676	679	667	676	654
24	673	675	676	672	675	676	676	673	670	672	671	665	642	631	620	620	612	617	642	650	676	681	683	681	659
25	681	683	682	685	681	681	681	680	681	681	677	678	663	644	630	616	617	624	643	662	677	687	688	687	667
26	682	673	676	677	677	676	672	677	681	681	682	680	672	649	635	625	624	632	651	657	678	678	677	683	666
27	686	686	683	681	685	679	680	681	683	681	673	652	660	635	604	619	619	631	645	669	657	674	681	664	664
28	686	676	660	674	673	672	665	656	657	664	668	671	663	653	643	636	631	640	635	655	675	668	676	676	661
29	681	678	660	669	671	670	670	672	668	672	678	670	651	643	645	641	649	655	671	672	685	685	685	653	666
30	668	670	665	656	662	660	644	651	656	656	657	653	646	627	612	609	609	620	634	642	662	672	676	680	649
31	681	680	681	676	676	677	676	678	679	678	675	671	648	647	629	605	596	596	617	646	657	676	681	683	659
Mean	676	673	671	672	667	662	662	666	669	669	671	669	657	644	630	620	625	634	648	662	671	675	677	677	660

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 38 Agincourt (D) West

7° + ...'

October 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	23.8	23.0	05.3	17.4	20.3	18.6	19.6	17.8	18.7	19.4	18.6	17.0	14.2	11.5	19.5	20.2	22.2	24.9	26.1	30.0	30.3	25.5	26.0	25.2	20.6
2	23.9	23.0	17.6	21.6	20.1	19.2	18.8	18.8	18.9	18.2	18.4	16.0	12.8	10.4	12.4	14.7	18.9	20.7	21.4	21.6	23.0	23.3	23.6	21.9	19.1
3	24.2	21.2	20.7	20.0	19.6	19.5	19.2	18.4	18.4	17.5	18.7	19.8	18.4	16.2	10.4	21.2	27.6	26.5	27.9	24.3	24.3	24.0	25.2	24.1	21.1
4	23.3	21.4	21.3	18.0	19.6	16.9	15.9	16.9	16.8	17.8	16.9	15.9	13.8	12.4	14.2	20.1	24.7	28.3	30.7	28.3	23.9	24.8	23.5	20.7	20.2
5	18.5	21.1	20.7	20.4	21.1	19.7	17.0	16.8	16.9	16.6	14.8	13.3	12.3	11.7	13.5	17.0	23.4	29.2	30.1	27.6	25.5	24.7	23.8	23.2	20.0
6 Q	22.9	21.6	21.1	19.7	18.8	18.3	16.9	16.0	16.2	16.5	17.1	17.1	15.3	13.8	13.8	16.8	21.4	25.0	25.8	25.3	23.9	23.0	22.2	21.4	19.6
7 Q	20.5	19.6	19.2	18.7	17.5	16.7	16.5	16.8	15.7	16.0	17.2	16.0	12.8	11.2	11.4	17.3	21.4	24.8	26.1	26.2	24.2	23.3	22.9	22.0	18.9
8 Q	22.1	20.5	19.6	18.8	18.5	18.0	17.4	17.2	16.5	15.9	15.6	13.8	11.7	11.3	13.6	17.7	22.3	24.2	24.7	24.3	22.9	21.9	22.2	21.6	18.8
9	20.5	20.0	19.3	19.6	17.4	16.5	14.7	13.2	14.1	13.8	14.4	14.1	11.4	11.1	13.2	18.4	22.2	25.6	26.1	26.0	25.3	22.9	20.7	22.0	18.4
10	24.3	23.2	19.2	17.0	14.9	11.4	12.9	02.7	10.1	21.8	19.4	16.1	15.0	16.5	21.1	23.4	27.6	26.9	28.3	28.4	24.3	22.8	22.8	21.1	19.6
11 D	20.6	21.4	19.1	18.3	16.7	22.4	20.5	16.6	16.1	19.3	19.9	26.0	23.3	26.5	20.1	25.1	27.9	28.0	28.8	27.4	24.0	20.5	20.1	21.2	22.1
12	20.4	19.9	17.8	16.6	17.8	16.9	14.2	14.6	16.9	20.6	17.4	18.4	13.1	09.2	10.1	17.5	23.7	28.6	32.6	33.3	29.9	25.6	25.3	22.3	20.1
13 D	23.2	18.7	11.3	16.6	17.4	08.9	13.7	17.4	18.6	19.2	18.4	17.9	14.1	12.9	16.6	20.0	22.5	26.1	28.8	28.2	27.5	25.7	27.6	30.7	20.1
14 D	24.2	20.4	14.1	13.7	15.0	39.5	14.5	09.2	16.6	24.7	28.3	13.2	11.0	09.6	16.6	27.6	32.1	33.6	31.3	31.5	33.0	30.8	24.2	16.6	22.1
15	22.4	18.4	19.1	18.6	18.1	17.8	17.8	18.7	18.2	18.2	17.8	16.1	17.8	20.0	15.5	20.6	23.5	26.3	28.6	29.4	27.7	26.6	25.7	23.9	21.1
16 Q	21.4	20.1	19.8	19.8	19.6	19.1	18.4	17.9	18.2	18.0	17.4	16.0	13.8	11.9	12.8	16.8	21.1	25.5	27.1	26.0	24.2	23.0	22.1	21.6	19.6
17	20.6	20.0	19.6	19.3	18.4	18.4	18.4	17.8	17.5	16.9	16.1	17.0	16.9	12.2	11.6	16.8	20.8	23.9	25.1	25.7	24.1	23.1	22.2	21.4	19.3
18 Q	20.7	20.2	19.1	18.4	18.4	18.0	17.8	17.3	16.8	16.5	16.5	16.0	14.3	12.5	12.4	15.0	18.2	21.3	24.1	25.3	23.9	22.2	21.7	21.5	18.7
19	20.6	19.9	19.0	18.0	17.6	17.5	14.3	13.7	13.9	14.8	15.2	17.4	13.3	10.5	11.5	14.8	19.7	22.5	24.5	25.2	24.2	24.0	24.1	22.3	18.3
20	22.1	20.6	19.0	17.8	19.1	17.8	15.9	16.7	15.8	16.6	14.8	14.5	09.6	12.0	13.7	16.1	21.3	26.8	27.9	28.6	27.6	25.8	29.8	30.1	20.0
21 D	23.1	20.6	20.8	20.2	19.3	18.3	17.7	18.0	17.2	16.7	16.4	15.7	14.0	12.4	17.4	18.8	27.7	30.0	28.3	27.0	25.8	27.7	26.5	24.1	21.0
22	17.2	18.9	19.0	20.3	20.4	20.7	18.5	16.5	17.3	15.5	17.9	14.4	11.1	12.0	15.3	19.1	23.2	26.1	26.8	24.4	23.5	24.9	23.3	23.2	19.6
23	26.7	17.7	20.6	20.3	20.6	20.8	19.7	15.5	17.8	14.0	18.2	16.8	15.2	13.7	16.2	20.9	25.9	28.8	28.2	27.0	25.3	24.3	23.2	22.7	20.8
24	20.8	20.0	19.6	18.8	19.6	19.7	19.5	18.3	16.9	18.4	16.7	15.2	15.8	14.3	13.7	21.2	26.0	29.0	30.0	30.0	25.5	21.6	21.0	20.9	20.5
25	19.9	18.6	18.6	18.9	18.6	18.6	18.6	17.9	18.0	17.8	18.7	17.0	12.4	11.5	13.1	17.9	21.7	25.5	27.8	26.7	24.3	22.3	21.6	20.7	19.4
26	24.4	19.5	17.7	16.8	17.3	16.2	17.7	17.9	17.7	16.7	16.2	17.1	14.3	12.2	12.5	16.0	19.8	23.1	25.0	25.1	24.2	23.2	21.9	21.3	18.9
27	20.4	19.9	19.5	18.7	17.9	17.2	18.1	17.0	17.2	16.2	14.4	12.5	16.7	13.0	08.3	12.2	19.5	24.0	26.6	29.1	29.1	26.4	24.0	21.5	19.1
28	20.8	18.9	18.5	17.3	16.8	17.0	15.2	18.0	15.4	17.2	18.6	17.6	15.7	12.1	11.6	15.2	20.4	24.0	26.4	26.4	25.3	23.4	22.3	20.9	19.0
29	19.9	22.5	20.5	18.4	18.1	18.0	18.7	16.0	21.0	19.6	17.5	16.1	11.3	12.0	11.8	16.8	21.0	23.8	25.8	26.5	26.5	26.3	29.1	20.0	19.9
30	20.1	19.9	18.7	20.2	15.3	18.7	18.7	17.8	15.9	17.1	16.4	16.5	15.0	12.2	14.8	19.3	22.8	25.1	27.0	26.1	24.0	22.7	21.8	20.9	19.5
31	20.5	19.9	19.2	18.7	19.1	19.9	19.1	18.6	18.4	17.4	17.6	15.3	18.6	17.2	14.1	17.9	21.7	26.3	28.8	29.1	26.5	23.9	22.1	20.8	20.4
Mean	21.7	20.3	18.5	18.6	18.4	18.6	17.3	16.3	16.9	17.6	17.5	16.3	14.4	13.1	14.0	18.5	23.0	25.9	27.3	27.1	25.6	24.2	23.6	22.3	19.9

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 39 Agincourt (Z)

56,000 γ +

October 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1 D	235	234	203	182	189	198	207	210	212	211	212	213	210	203	206	203	207	213	230	234	243	240	222	218	214
2	217	219	225	201	218	216	212	211	210	207	209	207	211	211	201	195	201	201	204	205	210	216	222	222	210
3	224	215	211	210	210	210	209	209	206	205	204	199	187	187	188	199	198	206	218	237	225	227	224	225	210
4	231	231	223	212	203	204	201	206	204	204	203	206	206	205	199	201	201	212	227	229	224	215	212	217	212
5	215	217	215	210	199	194	203	204	201	198	200	203	201	204	201	198	203	206	210	215	212	207	204	206	205
6 Q	206	204	201	201	201	203	200	198	199	198	198	201	204	204	204	207	208	210	210	209	207	207	207	206	204
7 Q	206	204	204	204	205	205	205	204	202	201	201	201	201	202	201	199	197	198	199	201	204	203	205	202	202
8 Q	202	202	201	200	200	200	200	199	199	199	199	200	201	202	204	199	193	189	189	191	197	196	196	199	198
9	198	199	199	200	201	202	204	202	200	199	199	201	204	202	201	200	199	201	206	207	207	211	213	211	203
10	226	228	220	192	195	181	169	145	143	142	178	201	207	207	214	209	210	210	218	225	247	243	224	220	202
11 D	218	214	207	205	198	180	156	171	183	178	177	169	174	184	204	213	214	225	241	249	243	231	224	219	203
12	216	211	210	206	202	195	183	180	156	132	153	189	198	199	201	205	212	228	236	231	234	237	244	238	204
13 D	250	271	238	237	219	163	190	213	211	211	211	212	213	211	208	204	205	210	210	213	228	246	249	267	220
14 D	312	255	258	247	170	-049	035	166	208	121	124	195	206	213	202	207	225	212	223	244	242	244	244	252	198
15	240	236	229	223	219	201	201	210	211	210	207	207	204	199	194	201	205	213	226	235	241	229	220	222	216
16 Q	216	210	207	207	207	207	205	205	205	205	205	205	207	205	202	201	207	208	207	207	207	205	202	202	206
17	202	203	202	204	202	201	201	201	201	201	199	201	200	199	199	199	200	205	201	198	199	201	201	199	201
18 Q	198	199	198	199	201	201	199	199	198	199	198	197	196	193	187	181	183	189	200	202	203	201	200	198	197
19	198	199	196	199	196	196	193	184	194	194	195	198	195	192	188	186	192	192	195	203	207	206	201	201	196
20	201	199	202	203	201	200	196	198	195	196	194	198	199	195	189	179	169	166	180	190	199	208	228	264	198
21 D	252	230	216	212	207	205	201	200	199	199	200	201	201	195	193	187	199	202	207	206	217	264	338	387	222
22	317	253	240	227	214	211	213	207	189	168	177	198	210	214	211	204	210	213	219	219	220	223	222	219	216
23	241	230	216	210	207	201	193	193	181	186	198	204	206	206	201	200	205	211	217	222	225	224	214	213	209
24	208	206	205	206	205	203	203	203	202	200	200	201	200	202	199	202	203	207	214	220	218	208	205	205	205
25	202	206	206	204	201	201	200	200	199	196	193	196	202	202	199	196	199	202	205	206	202	202	202	205	201
26	210	217	212	208	205	201	202	200	197	196	196	200	200	197	193	190	194	200	201	202	206	205	200	199	201
27	199	199	197	198	197	197	197	196	195	196	194	196	197	191	181	173	182	180	182	191	205	201	199	194	193
28	200	206	214	206	201	200	190	179	185	195	200	199	202	201	193	179	178	191	202	203	211	202	198	196	197
29	199	206	206	206	202	201	200	193	172	175	187	194	199	189	177	171	175	183	196	201	212	212	236	243	197
30	223	214	218	211	207	205	174	125	166	197	203	205	208	200	193	193	199	203	206	214	214	210	203	200	198
31	200	200	200	201	201	200	199	196	196	196	194	194	193	188	178	172	176	182	194	202	206	206	200	199	195
Mean	221	217	212	208	203	191	192	194	194	191	194	200	201	200	197	195	198	202	209	213	217	217	218	221	204

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 40 Agincourt

October 1957

Day	Horizontal Intensity						Declination						Vertical Intensity								
	Maximum 15,000 γ +			Minimum 15,000 γ +			Maximum 7° W +			Minimum 7° W +			Maximum 56,000 γ +			Minimum 56,000 γ +					
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ			
1 D	18	21	682	13	41	589	93	19	54	32.2	02	50	-4.6	36.8	21	17	266	02	55	156	110
2	02	57	705	15	28	621	84	03	07	27.6	02	55	3.1	24.5	02	36	243	03	02	163	80
3	09	46	687	15	49	599	88	16	12	32.5	14	47	8.7	23.8	19	23	242	13	09	182	60
4	20	51	687	14	37	607	80	18	42	31.5	13	32	11.2	20.3	01	12	236	04	35	194	42
5	21	10	693	15	48	602	91	18	02	31.6	13	43	11.2	20.4	01	10	219	05	15	191	28
6 Q	22	50	694	15	40	615	79	18	35	26.0	14	17	12.9	13.1	19	05	212	07	20	197	15
7 Q	20	04	707	15	24	637	70	18	02	26.9	14	33	9.3	17.6	20	47	210	16	29	195	15
8 Q	00	07	700	15	32	628	72	18	27	25.3	13	10	10.2	15.1	14	20	205	18	45	188	17
9	02	02	701	16	11	622	79	18	07	26.6	14	19	8.9	17.7	22	30	214	15	53	195	19
10	10	11	677	07	38	581	96	16	32	29.8	07	46	-6.9	36.7	21	05	253	07	48	126	127
11 D	09	15	685	15	30	589	96	11	53	31.1	08	01	13.0	18.1	19	28	249	06	17	129	120
12	10	00	696	16	40	584	112	18	56	33.9	13	28	7.3	26.6	22	16	247	10	04	111	136
13 D	22	17	693	15	34	604	89	22	56	32.2	02	09	-7.0	39.2	23	59	295	05	30	128	167
14 D	00	48	693	04	45	373	320	05	20	132.9	06	48	-3.8	136.7	00	50	345	05	08	-263	608
15	00	04	681	15	35	612	69	19	46	30.5	14	14	13.1	17.4	00	40	246	14	10	189	57
16 Q	23	59	688	16	05	614	74	18	40	27.6	13	35	10.6	17.0	00	01	219	14	20	199	20
17	22	52	701	16	36	627	74	19	20	26.3	14	21	9.0	17.3	17	27	206	19	02	195	11
18 Q	01	05	701	16	19	640	61	18	51	26.7	14	22	11.4	15.3	18	47	207	15	27	181	26
19	19	49	701	15	34	627	74	19	30	27.0	14	22	8.9	18.1	21	25	208	07	22	178	30
20	22	55	739	23	27	647	92	22	56	39.7	12	53	8.1	31.6	23	10	279	17	03	153	126
21 D	22	44	828	15	32	606	222	22	57	36.9	13	35	9.3	27.6	23	26	438	15	22	177	261
22	00	10	712	15	38	601	111	17	41	30.0	12	24	9.7	20.3	00	06	373	09	51	162	211
23	20	33	693	15	34	598	95	00	47	43.1	09	39	11.5	31.6	01	00	261	08	43	171	90
24	21	52	686	14	54	602	84	19	21	31.4	14	26	12.3	19.1	20	04	224	14	38	194	30
25	22	03	701	15	00	596	105	19	05	29.0	12	50	9.6	19.4	19	07	208	10	32	189	19
26	00	07	691	15	48	619	72	00	30	27.4	14	13	10.4	17.0	01	25	218	15	47	189	29
27	04	36	691	15	32	591	100	20	13	31.0	14	32	2.9	28.1	20	49	209	15	23	166	43
28	00	02	696	18	04	624	72	18	56	28.2	14	24	10.3	17.9	02	13	217	07	39	170	47
29	20	18	706	15	39	638	68	22	40	31.5	12	30	5.4	26.1	22	46	268	09	06	164	104
30	23	58	682	16	16	599	83	18	45	28.2	13	35	9.8	18.4	00	08	261	07	26	116	145
31	23	01	685	17	24	589	96	19	33	29.8	14	40	12.6	17.2	19	57	208	15	48	171	37
Mean			700			603	97			33.7			7.7	26.0			248			157	91
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 41 Agincourt (H)

15,000 γ +

November 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	682	680	680	678	676	668	666	673	671	671	675	672	660	636	617	615	614	625	647	668	675	682	683	688	663
2	683	685	682	683	680	676	674	678	682	675	676	675	663	639	621	611	608	614	635	657	671	688	682	671	663
3	672	658	666	676	671	671	673	668	665	666	679	668	642	636	632	610	599	604	620	647	664	669	673	673	655
4 Q	676	678	675	673	673	675	676	678	678	678	676	671	660	646	636	625	624	632	645	660	670	673	676	680	664
5 Q	680	681	683	683	680	679	680	680	682	681	678	668	657	651	640	640	648	664	675	678	688	694	691	673	
6	688	688	686	686	685	685	685	687	691	686	683	682	675	662	650	637	641	647	696	702	694	676	698	636	677
7	647	678	627	620	621	623	627	637	641	641	646	641	625	606	603	612	614	613	617	632	641	642	649	652	631
8	655	658	658	657	655	660	655	652	652	615	652	662	648	640	619	620	620	633	640	644	660	660	656	656	647
9 D	655	653	644	625	618	610	614	618	640	648	653	648	626	597	593	597	601	591	605	618	632	643	641	645	625
10	638	646	647	646	607	627	641	630	641	648	650	658	646	624	598	595	590	602	621	629	646	655	646	647	633
11	642	648	643	641	636	648	649	653	644	645	659	666	648	616	615	600	598	601	619	630	636	655	671	656	638
12	646	644	646	646	645	651	646	645	641	647	664	677	651	640	635	619	604	627	639	640	653	661	654	646	644
13	648	659	660	656	660	658	663	666	664	664	663	662	661	648	639	626	615	616	636	653	668	676	681	681	655
14	679	668	664	676	673	674	673	677	676	674	678	679	666	650	631	611	610	624	643	661	677	692	679	673	663
15	676	678	670	667	664	661	656	648	664	661	669	671	657	637	626	616	610	623	643	664	677	677	686	686	658
16	688	686	681	684	680	674	674	676	677	682	677	674	668	651	633	624	616	617	633	661	676	685	688	691	667
17 Q	688	688	686	684	679	678	679	682	681	681	681	679	669	653	642	637	636	642	656	663	674	683	689	683	671
18	660	662	658	659	653	651	641	632	638	642	655	677	655	622	605	621	628	631	637	657	666	669	666	669	648
19	666	667	663	666	667	663	656	661	666	663	661	661	658	652	652	643	638	647	662	666	667	664	670	671	660
20	674	678	679	676	672	669	668	668	669	672	667	661	658	654	648	638	633	647	653	667	669	670	673	672	664
21 Q	672	667	666	666	666	668	672	675	675	677	676	674	664	652	641	631	631	638	648	663	677	673	677	679	664
22 Q	681	682	682	679	679	677	678	677	680	681	678	676	670	657	648	636	645	657	671	676	676	675	679	683	672
23	684	681	678	677	676	676	677	670	674	675	674	676	674	666	658	644	644	651	665	677	689	690	695	701	674
24	691	690	684	682	680	679	680	677	678	679	676	676	663	647	641	649	658	662	673	684	687	692	687	675	
25 D	689	694	684	674	674	671	661	630	628	642	651	657	659	646	627	603	605	603	617	620	662	660	656	660	649
26 D	646	648	659	648	651	664	656	629	634	646	637	645	659	657	632	642	606	539	617	652	684	682	629	647	642
27 D	591	596	544	591	606	583	488	506	479	535	564	620	632	626	617	601	607	608	621	619	631	638	647	650	591
28 D	645	651	637	638	646	641	618	570	612	598	608	632	616	615	626	621	626	637	631	640	636	642	651	658	629
29	667	672	668	668	663	667	658	655	653	655	658	658	648	640	647	628	633	651	664	661	664	667	674	677	658
30	682	687	684	672	672	668	661	662	666	666	665	666	664	653	645	633	632	638	643	651	663	669	677	683	663
31																									
Mean	666	668	663	663	660	660	655	652	655	657	661	665	656	641	631	623	621	625	642	654	665	670	671	670	654

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 42 Agincourt (D) West

7° + ...'

November 1957

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean	
1	20.0	19.9	19.2	18.4	16.8	17.1	19.9	19.4	18.0	17.3	18.9	17.2	14.6	12.4	14.7	20.5	24.5	27.4	28.2	26.8	25.4	23.7	22.3	21.1	20.2	
2	19.9	19.6	19.0	19.0	18.8	19.5	19.9	19.6	18.2	15.4	15.8	16.3	13.2	10.7	14.1	19.6	23.8	27.2	29.1	27.3	24.6	22.9	23.6	25.5	20.1	
3	24.8	20.2	21.5	19.8	19.7	18.8	19.7	20.9	19.6	17.0	14.6	15.6	20.9	19.0	20.9	20.7	23.9	28.2	31.2	27.0	24.6	22.5	22.1	22.3	21.5	
4 Q	21.1	21.0	20.4	19.4	19.1	18.8	18.6	18.1	18.0	17.8	17.3	16.9	15.0	13.5	14.8	17.6	20.2	22.5	25.1	25.7	24.3	23.8	24.0	22.4	19.8	
5 Q	21.0	20.0	20.0	19.7	18.8	18.2	18.7	18.2	17.8	17.3	17.1	17.1	15.9	14.0	15.9	18.8	21.8	24.6	26.1	26.0	25.1	23.4	22.1	20.7	19.9	
6	19.4	18.8	19.0	19.0	18.6	18.9	18.6	18.2	17.3	16.8	16.7	15.8	14.2	13.1	12.2	17.6	21.2	24.4	24.0	25.3	34.5	32.7	25.5	25.6	20.3	
7	19.3	15.1	13.3	20.6	23.5	22.3	20.6	21.1	19.5	20.8	20.0	19.0	19.4	18.7	23.7	25.1	23.6	26.5	29.2	28.1	25.6	23.7	22.5	21.5	21.8	
8	21.0	20.8	20.9	20.8	20.8	21.3	20.2	18.8	13.7	17.2	15.5	19.8	18.0	19.3	19.0	25.8	25.5	27.1	28.1	25.4	25.7	22.4	23.5	19.4	21.2	
9 D	21.2	20.9	20.6	15.2	19.8	16.6	16.2	21.0	19.2	16.1	17.1	17.5	20.1	25.7	30.1	26.8	24.7	27.7	30.2	27.9	27.9	26.8	26.1	24.4	22.5	
10	19.8	19.3	20.2	18.6	20.1	16.9	16.0	18.8	24.0	14.3	22.4	18.8	14.2	14.3	16.8	22.3	26.0	29.7	29.8	28.4	27.4	25.8	22.8	21.3	21.2	
11	18.9	17.9	14.2	13.9	13.5	15.2	18.2	23.2	21.1	23.3	17.5	14.2	13.2	16.1	16.4	21.8	24.9	26.9	28.0	29.0	28.9	24.3	23.2	23.9	20.3	
12	20.3	14.3	18.3	18.3	19.1	18.6	16.8	16.9	14.9	17.9	14.6	18.8	18.8	21.2	20.2	21.4	24.9	26.5	28.0	26.9	24.5	23.5	23.0	23.0	20.4	
13	20.7	19.7	19.4	19.5	19.5	19.9	21.1	19.4	17.3	14.9	17.1	15.4	17.9	14.4	15.6	17.7	23.0	26.7	29.4	28.1	24.2	22.6	22.8	20.8	20.3	
14	18.3	17.1	16.5	17.4	17.4	17.5	17.1	16.3	17.0	18.2	16.5	15.8	12.2	12.1	14.4	16.9	24.3	27.6	29.4	27.8	25.6	25.6	25.8	23.8	19.6	
15	21.2	21.3	16.7	13.8	18.1	19.0	19.5	22.8	17.4	16.6	17.0	16.1	13.4	11.8	13.8	16.9	22.1	26.2	27.4	27.0	25.9	24.8	23.5	22.1	19.8	
16	20.2	20.0	18.0	19.3	18.6	18.4	19.4	19.3	18.9	17.4	16.6	15.6	16.1	13.4	16.2	19.8	23.6	26.6	28.4	27.5	24.9	22.8	21.3	20.9	20.1	
17 Q	20.2	19.9	19.3	19.0	18.3	18.4	18.4	18.9	18.9	18.4	18.1	17.4	15.9	14.6	15.3	18.0	20.8	23.1	24.5	23.6	23.0	22.4	21.3	22.9	19.6	
18	21.1	23.6	20.5	19.9	17.5	16.2	14.8	12.3	14.4	10.0	19.4	21.7	19.1	22.5	23.1	29.9	26.4	25.6	27.2	26.7	23.3	23.0	22.3	21.2	20.9	
19	21.1	21.2	20.2	19.9	19.2	17.2	17.7	18.0	16.9	15.6	15.5	16.6	16.4	17.4	18.6	21.7	24.0	24.8	23.8	23.6	23.6	23.9	22.8	21.2	20.0	
20	20.2	19.5	19.3	20.9	20.2	19.8	19.9	19.4	18.5	16.1	17.5	17.1	19.0	17.4	18.9	22.7	25.5	27.7	27.5	25.9	24.8	23.7	22.4	20.2	21.0	
21 Q	19.3	19.7	19.8	19.9	19.8	20.2	20.4	19.7	19.4	18.0	17.4	17.2	16.1	15.5	16.1	19.2	22.8	24.5	24.6	23.8	23.6	22.6	21.8	21.3	20.1	
22 Q	20.4	19.0	18.2	18.0	18.3	18.4	18.1	17.5	17.4	17.2	16.8	16.6	15.6	14.4	13.7	17.5	24.4	26.8	27.0	24.9	22.6	21.7	20.9	20.1	19.4	
23	19.2	19.0	18.8	18.4	18.8	19.0	18.0	17.2	17.2	16.5	14.6	14.6	15.2	13.4	14.6	16.7	20.8	23.3	25.0	24.5	22.4	21.4	20.2	19.8	18.7	
24	20.0	20.2	17.9	17.6	17.9	17.6	18.3	18.1	17.7	16.5	16.3	15.8	14.7	14.2	14.2	18.0	21.5	26.3	27.8	28.1	25.7	24.0	23.1	21.8	19.7	
25 D	20.3	18.5	18.9	16.2	17.1	15.8	14.4	15.7	08.7	14.0	18.1	18.2	16.9	14.7	15.1	15.4	20.3	27.0	30.7	32.3	31.9	31.0	27.0	24.3	20.1	
26 D	20.9	16.9	16.1	18.1	15.9	14.2	16.7	16.8	20.8	17.2	13.0	08.9	15.8	14.1	09.6	20.6	20.1	28.6	39.6	33.0	30.3	35.3	27.3	24.9	20.6	
27 D	20.3	15.8	27.6	02.6	10.2	20.3	29.5	21.8	24.7	17.2	29.2	20.4	18.9	17.2	15.5	19.3	23.5	27.6	28.3	28.2	28.5	27.3	28.8	29.6	22.2	
28 D	23.7	22.0	18.1	20.3	19.0	17.8	20.5	26.5	15.5	07.5	15.4	21.3	16.7	21.1	23.7	21.2	23.7	23.8	26.0	27.8	27.5	26.5	27.5	25.0	21.6	
29	24.2	24.6	20.4	17.4	18.1	19.3	20.0	19.0	18.6	20.3	20.1	17.2	16.2	17.0	15.8	19.8	22.8	23.2	24.5	24.5	23.7	24.1	22.8	21.7	20.6	
30	21.4	19.2	20.0	21.1	19.5	17.7	17.6	17.3	16.7	18.0	17.5	17.7	16.3	14.6	14.9	17.6	19.5	21.9	23.6	23.7	23.2	22.1	21.4	21.3	19.3	
31																										
Mean	20.6	19.5	19.1	17.1	18.4	18.3	18.8	19.0	17.9	16.7	17.5	17.0	16.3	15.9	16.9	20.2	23.1	26.0	27.7	26.8	25.8	24.7	23.5	22.5	20.4	

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 43 Agincourt (Z)

56,000 γ +

November 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	197	196	196	196	195	197	203	202	200	197	196	199	200	196	189	185	188	197	200	202	202	202	201	199	197
2	196	196	197	199	199	199	197	196	199	196	196	197	199	196	190	193	200	206	207	203	202	202	202	206	198
3	214	218	212	202	200	199	193	176	154	153	135	158	169	163	171	179	191	200	206	207	202	202	200	199	188
4 Q	198	197	199	200	198	196	196	196	196	194	194	194	196	196	191	185	187	191	194	199	205	202	199	197	196
5 Q	197	196	197	199	199	200	196	196	194	194	193	193	193	193	189	187	188	189	193	191	195	198	195	195	194
6	194	194	194	194	193	193	192	192	191	190	190	189	190	188	181	179	183	188	190	199	224	277	315	266	204
7	307	045	249	217	193	192	193	203	201	201	203	206	206	201	196	203	213	218	226	226	219	214	211	208	206
8	206	205	206	205	202	191	181	176	155	153	169	178	176	188	186	191	202	214	218	219	220	219	223	244	197
9 D	230	228	230	222	187	183	195	169	177	193	205	205	201	194	190	203	212	211	227	245	242	237	242	251	212
10	244	231	220	203	147	165	189	173	148	170	176	181	195	200	203	207	213	217	218	221	219	219	223	225	200
11	224	218	196	196	194	199	199	195	170	142	148	178	190	196	201	191	194	205	208	218	223	227	226	223	198
12	230	227	220	213	206	194	200	202	194	170	172	173	175	184	179	182	193	205	203	208	206	209	208	212	199
13	218	213	206	206	202	200	196	188	187	188	195	193	190	194	187	185	194	205	208	206	211	205	205	202	199
14	202	206	215	209	208	208	203	199	196	189	190	196	196	200	196	194	205	207	211	211	212	213	209	211	204
15	212	218	214	192	198	205	200	177	187	189	192	198	201	200	199	195	199	204	210	211	207	204	205	203	201
16	204	204	205	201	199	199	198	198	196	195	194	195	199	197	197	194	200	208	214	212	207	205	201	199	201
17 Q	199	199	199	198	199	199	200	199	198	198	197	195	196	197	195	192	195	197	202	204	200	198	195	196	198
18	204	215	213	205	206	199	165	177	174	188	167	123	126	145	163	180	198	210	216	213	207	206	205	203	188
19	201	205	207	210	210	208	210	207	201	204	201	200	198	196	196	198	198	195	199	202	203	201	201	200	202
20	201	200	198	199	199	199	199	200	200	198	193	192	189	186	186	184	189	192	196	201	201	204	201	199	196
21 Q	199	199	198	196	196	195	195	193	194	195	195	195	195	198	198	195	193	196	198	201	200	199	199	198	196
22 Q	196	193	194	194	195	196	194	194	194	193	192	190	190	189	187	181	183	187	195	197	198	196	195	193	192
23	190	191	190	190	190	190	189	189	189	188	188	189	187	186	178	177	178	183	189	192	193	189	189	189	188
24	188	192	191	193	195	196	192	190	189	189	188	192	188	183	177	180	186	189	192	195	199	193	193	193	190
25 D	193	197	198	195	198	192	188	124	126	170	195	195	200	200	196	193	200	205	219	224	229	222	222	230	196
26 D	237	237	247	246	214	212	199	181	153	153	158	170	189	187	175	194	186	212	234	231	270	247	247	288	211
27 D	282	270	-014	061	190	200	122	180	151	124	135	133	191	214	219	219	231	227	229	233	235	230	235	249	189
28 D	243	252	258	254	225	219	201	132	185	153	165	178	187	195	183	181	193	207	219	231	228	230	224	219	207
29	223	227	226	217	210	205	205	203	199	183	178	187	195	199	193	195	204	216	212	208	207	206	205	206	205
30	204	206	207	212	208	206	205	207	205	203	201	200	202	199	195	197	196	199	204	205	205	202	201	201	203
31																									
Mean	214	206	202	201	199	198	193	187	183	182	183	186	190	192	189	191	196	203	208	211	213	212	212	213	199

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 44 Agincourt

November 1957

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range γ	Maximum 7° W +		Minimum 7° W +		Range '	Maximum 56,000 γ +		Minimum 56,000 γ +		Range γ
	h. m.	γ	h. m.	γ		h. m.	'	h. m.	'		h. m.	γ	h. m.	γ	
1	23 00	693	16 58	608	85	17 49	28.9	14 04	10.4	18.5	06 10	206	15 30	181	25
2	21 23	694	16 33	606	88	18 27	30.1	13 18	8.5	21.6	22 50	211	14 14	189	22
3	10 10	685	16 30	596	89	18 22	32.2	09 45	12.7	19.5	01 38	220	10 18	128	92
4 Q	23 59	681	15 50	620	61	18 52	26.2	13 27	13.0	13.2	20 47	206	15 40	184	22
5 Q	22 27	695	16 03	635	60	19 09	26.7	13 50	12.5	14.2	21 01	201	15 30	185	16
6	19 30	745	23 12	605	140	21 07	39.1	14 33	10.0	29.1	22 31	<u>362</u>	15 02	175	187
7	01 19	767	13 58	592	175	02 28	45.7	02 18	<u>-40.5</u>	<u>86.2</u>	00 52	326	01 23	<u>-198</u>	<u>524</u>
8	23 05	684	09 15	599	85	18 51	29.4	08 56	9.0	20.4	23 10	259	09 00	123	136
9 D	00 58	662	14 38	576	86	13 58	34.9	03 15	10.0	24.9	23 59	289	07 51	146	143
10	10 56	689	04 48	564	125	18 22	32.2	00 10	6.5	25.7	00 01	289	05 02	79	210
11	22 16	690	17 04	592	98	20 01	31.3	02 20	6.9	24.4	21 56	236	09 39	133	103
12	11 39	680	16 22	595	85	18 50	28.9	01 34	11.9	17.0	00 34	233	09 54	153	80
13	23 47	691	17 06	607	84	18 25	30.2	13 40	11.8	18.4	00 40	220	15 05	182	38
14	21 34	708	16 12	585	123	18 13	31.5	13 54	4.0	27.5	02 08	220	10 00	176	44
15	22 49	692	15 25	603	89	18 50	31.1	14 04	8.2	22.9	02 07	222	07 51	165	57
16	01 10	698	17 29	605	93	19 11	30.2	13 44	10.4	19.8	18 02	218	09 48	188	30
17 Q	22 57	696	16 08	631	65	18 58	25.4	14 07	13.4	12.0	18 56	205	15 25	190	15
18	11 52	698	14 17	591	107	15 30	33.7	06 33	7.3	26.4	02 01	223	12 08	111	112
19	22 05	678	15 51	634	<u>44</u>	17 37	25.4	10 35	13.9	11.5	05 31	214	14 14	193	21
20	02 50	689	15 51	628	61	18 05	29.4	13 57	13.9	15.5	21 25	205	13 58	182	23
21 Q	23 53	682	16 14	629	53	18 46	25.0	13 58	13.8	<u>11.2</u>	19 55	204	16 40	192	<u>12</u>
22 Q	23 24	684	15 38	630	54	17 45	27.6	14 14	12.0	<u>15.6</u>	18 50	199	15 12	175	<u>24</u>
23	23 27	716	16 01	637	79	17 59	25.9	13 18	11.0	14.9	20 46	195	15 02	174	21
24	22 33	701	16 28	631	70	18 15	31.1	14 00	7.0	24.1	20 15	201	15 09	175	26
25 D	01 58	708	18 13	586	122	19 30	35.0	07 58	0.7	34.3	23 59	236	08 08	79	157
26 D	21 06	<u>787</u>	17 38	489	<u>298</u>	21 11	48.6	14 50	5.3	43.3	23 52	339	08 00	98	241
27 D	02 20	703	02 32	<u>425</u>	278	02 33	<u>62.7</u>	03 36	-16.6	79.3	00 08	290	02 28	-171	461
28 D	23 59	668	07 31	544	124	06 52	34.8	09 40	4.8	30.0	03 18	276	07 23	91	185
29	02 30	684	15 23	620	64	17 12	28.2	13 00	14.1	14.1	02 28	231	10 02	171	60
30	01 11	694	16 08	628	66	18 38	24.5	12 58	12.0	12.5	03 30	213	14 41	193	20
31															
Mean		698		596	102		32.2		7.3	24.9		238		134	104
No. days		30		30	30		30		30	30		30		30	30

AGINCOURT MAGNETIC OBSERVATORY, 1957-1958

58689-0-81

HORIZONTAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 45 Agincourt (H)

15,000 γ +

December 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1 D	686	675	661	668	673	671	668	654	661	661	674	669	661	6499	647	632	619	614	628	641	658	660	644	658	655	
2	666	653	648	651	660	661	649	644	654	668	674	676	676	660	631	632	627	626	632	642	654	659	658	665	653	
3	662	662	660	657	659	658	664	662	662	667	664	663	662	653	658	640	624	626	644	649	659	663	662	658	656	
4	656	665	664	665	665	659	660	664	668	670	677	679	672	668	657	638	628	633	645	655	667	670	664	657	660	
5	654	634	634	635	648	648	638	631	629	642	671	673	668	657	642	618	611	603	619	641	651	647	644	644	641	
6 D	639	637	637	619	616	632	642	642	647	660	658	667	681	668	633	588	597	628	632	645	639	652	652	653	640	
7	658	658	659	659	658	662	652	645	644	657	680	670	651	666	658	645	640	639	643	648	663	668	660	648	655	
8	651	658	659	658	664	668	668	668	657	667	673	673	674	663	653	647	644	644	652	653	664	670	670	661	661	
9	656	657	654	654	651	657	670	669	672	670	673	670	670	670	652	632	627	633	631	642	654	648	654	668	656	
10	666	665	649	646	670	669	667	662	660	654	665	662	655	649	634	627	642	634	629	640	643	648	666	656	652	
11 D	651	642	627	612	598	561	593	608	622	653	662	654	658	652	638	640	642	648	641	629	664	682	648	659	637	
12 D	667	642	639	633	634	632	652	645	640	614	638	649	654	643	632	618	598	617	628	631	642	653	662	668	639	
13	668	657	652	658	647	654	657	657	659	653	664	662	655	649	636	602	604	628	634	647	657	662	665	668	650	
14	665	668	662	665	670	672	669	667	665	665	667	668	665	659	651	639	631	628	638	656	674	681	677	679	662	
15	683	675	677	678	673	683	679	669	662	661	678	685	676	673	633	641	659	645	637	644	657	669	673	673	666	
16	673	671	671	670	668	668	665	670	668	668	669	670	675	675	668	652	638	632	627	646	668	678	668	677	664	
17	684	680	670	661	654	658	652	645	659	670	672	669	673	674	676	675	664	646	630	642	655	666	672	665	663	
18	671	669	666	663	668	665	665	670	667	669	667	665	664	668	664	649	642	634	643	652	659	674	683	680	663	
19	673	674	685	682	678	670	667	667	658	673	678	678	679	687	679	674	660	668	678	664	668	683	674	674	674	
20	670	673	670	664	658	647	659	657	668	670	668	669	664	659	656	640	631	637	645	658	670	687	678	673	661	
21	673	682	683	682	668	663	657	673	667	664	668	667	664	656	642	629	624	632	654	665	670	672	678	677	663	
22 Q	674	670	678	674	673	674	674	673	674	677	677	673	668	658	649	633	627	629	637	651	667	675	682	684	665	
23 Q	685	688	690	687	684	682	682	680	678	680	680	677	671	666	653	637	633	644	661	674	682	688	693	695	675	
24	695	692	694	690	690	695	689	693	694	692	687	687	689	684	677	663	652	646	657	661	672	673	680	685	681	
25	688	689	688	684	677	683	670	665	679	684	680	677	678	670	664	644	637	640	634	641	663	665	657	673	668	
26	680	673	675	666	670	654	654	653	660	652	673	682	678	670	661	641	636	628	624	646	656	670	674	679	661	
27 Q	675	677	675	675	674	675	673	676	675	675	674	674	674	669	661	659	648	639	647	654	661	679	683	682	669	
28 Q	685	685	685	684	681	677	678	678	678	678	677	678	679	675	662	644	634	635	649	666	677	684	693	692	673	
29 Q	689	691	689	688	685	688	688	690	691	690	687	682	685	679	670	657	642	642	655	668	679	678	685	682	678	
30	682	685	665	677	680	678	662	651	661	654	684	683	677	670	666	647	637	639	651	663	667	675	679	674	667	
31 D	669	659	643	653	641	628	608	547	528	507	612	615	622	600	597	580	564	584	605	639	700	668	649	652	615	
Mean	671	668	665	663	662	661	660	657	658	660	670	670	668	663	652	638	631	633	640	650	663	669	669	670	659	

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 46 Agincourt (D) West

7° + ...'

December 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	20.9	23.3	25.8	19.5	23.2	23.2	22.7	21.3	20.1	18.6	19.7	20.3	19.4	20.9	25.0	26.8	27.6	28.2	25.6	24.6	23.7	24.2	24.7	22.2	23.0
2	20.5	19.7	20.2	19.8	19.0	22.8	21.1	21.0	17.2	17.6	16.3	26.4	25.0	21.5	20.4	24.0	24.9	24.7	25.6	26.4	25.9	23.9	23.0	22.1	22.0
3	21.2	20.4	18.8	17.7	18.7	20.3	23.1	17.3	17.8	16.0	19.4	21.2	18.6	16.3	15.3	17.2	19.4	23.7	26.1	25.0	25.0	23.3	22.0	22.2	20.3
4	19.7	19.4	18.2	18.6	19.2	19.5	21.2	19.4	17.4	16.8	19.7	19.5	18.2	16.5	14.7	16.4	18.2	21.6	23.8	24.0	22.9	22.1	23.4	22.4	19.7
5	23.8	19.4	19.5	21.1	13.9	15.8	16.7	14.2	16.3	25.3	18.2	16.8	19.5	23.4	19.6	20.4	22.0	23.7	27.0	25.2	28.6	27.3	25.0	25.7	21.2
6 D	20.2	18.6	18.7	17.5	15.9	14.5	20.1	19.5	25.0	20.4	15.2	27.9	21.6	16.7	17.1	22.6	27.5	28.5	28.6	28.5	27.1	26.0	24.1	21.5	21.8
7	18.7	17.9	18.5	19.3	20.1	20.8	18.7	13.2	27.4	17.4	16.4	20.4	24.9	30.4	20.1	19.6	22.1	25.0	27.7	28.3	26.5	24.2	23.1	21.9	21.8
8	20.5	21.1	19.4	17.2	17.3	21.5	20.2	20.1	16.9	22.2	20.4	19.5	19.4	18.2	16.4	18.8	21.1	23.8	25.0	24.1	23.7	23.3	22.9	22.9	20.7
9	20.1	19.4	18.3	18.7	18.9	17.7	19.2	20.5	17.7	16.8	17.7	18.7	23.5	22.1	23.3	20.8	23.3	23.8	25.1	25.1	25.6	27.0	24.7	22.8	21.3
10	21.2	20.0	18.2	16.4	19.4	19.4	19.5	20.0	15.9	21.0	15.6	19.4	21.4	21.0	20.3	24.1	28.8	27.4	26.6	27.9	30.2	27.3	28.7	23.2	22.2
11 D	19.9	18.4	17.3	20.0	12.1	09.9	10.0	02.7	09.4	12.3	18.7	17.0	17.4	13.9	13.2	18.6	21.4	23.9	26.1	27.6	27.1	28.9	30.9	27.9	18.5
12 D	25.0	24.5	18.4	16.8	14.3	17.3	18.1	18.0	17.8	25.6	26.1	19.2	21.0	18.2	18.0	20.0	23.3	25.3	27.7	30.7	28.6	26.8	24.1	23.8	22.1
13	21.7	21.1	19.3	15.1	20.6	19.1	18.3	19.6	19.7	20.5	34.3	17.8	16.0	14.7	12.7	19.3	25.1	27.4	27.2	27.1	26.1	24.8	22.9	21.4	21.3
14	20.2	19.6	20.2	18.5	17.8	19.0	18.6	20.0	19.3	18.7	18.3	18.2	17.9	16.5	15.9	18.1	19.8	23.3	25.7	26.2	25.3	25.1	25.1	22.9	20.4
15	22.7	19.9	18.2	18.2	18.0	17.2	18.6	16.9	17.7	19.5	19.0	17.2	18.0	16.8	17.5	27.5	22.1	23.2	24.1	25.7	24.1	23.8	22.5	21.9	20.4
16	19.6	19.3	20.0	19.3	18.5	18.1	18.4	17.8	19.0	17.9	17.6	19.5	20.1	15.9	13.7	14.7	18.4	23.0	26.0	25.7	25.2	25.1	22.4	21.3	19.9
17	22.6	21.5	23.0	15.6	16.7	15.8	17.4	15.6	13.2	16.9	19.6	19.4	18.5	17.8	15.9	16.6	17.4	19.0	22.9	23.9	24.7	23.9	23.9	22.2	19.3
18	23.2	20.2	19.2	19.0	19.9	18.6	18.6	19.3	18.8	19.3	18.7	23.2	21.4	16.6	13.3	14.6	16.4	20.2	23.3	25.1	26.0	23.9	22.9	22.9	20.2
19	22.4	20.5	20.3	19.8	18.3	18.6	18.3	16.1	14.7	15.9	15.0	14.7	17.0	15.1	11.2	13.2	17.5	20.5	23.3	27.0	27.9	25.4	23.5	24.7	19.2
20	24.1	22.9	20.7	19.9	17.2	15.7	16.5	18.5	19.6	19.0	19.3	18.5	18.5	16.6	16.5	17.5	19.7	22.8	24.7	25.8	27.0	26.8	24.3	24.1	20.7
21	21.2	18.7	19.4	19.5	17.3	14.4	14.5	18.5	18.7	19.5	19.4	19.8	18.9	17.5	16.8	19.3	22.9	27.0	29.1	28.8	26.2	25.7	24.1	23.2	20.9
22 Q	24.2	20.6	20.2	19.3	19.3	19.3	20.2	19.8	19.1	19.4	19.3	19.3	18.6	17.5	16.4	16.9	19.4	22.9	24.3	24.8	25.3	24.0	22.7	22.1	20.6
23 Q	21.1	19.3	19.6	19.7	19.2	18.7	19.4	19.0	18.8	18.2	18.0	17.9	17.4	17.4	17.4	18.7	22.3	25.7	25.9	25.1	24.3	23.7	22.5	21.5	20.5
24	20.3	18.5	18.2	18.8	19.3	19.4	18.7	19.3	19.3	18.2	19.2	18.6	17.4	15.6	14.6	15.7	18.0	21.4	23.9	25.3	25.1	24.7	22.1	20.9	19.7
25	20.1	18.8	18.1	18.9	19.2	18.0	17.1	21.5	17.1	18.0	18.3	17.8	17.0	17.2	15.5	15.9	19.4	22.9	27.1	31.3	28.8	28.5	27.6	21.6	20.6
26	21.2	19.5	18.6	18.1	10.4	15.9	14.8	15.3	17.4	17.5	23.4	18.6	14.8	17.5	17.9	19.9	21.3	26.3	29.5	29.3	27.8	25.1	23.0	22.1	20.2
27 Q	21.5	20.8	19.8	19.3	19.6	19.8	19.6	20.4	19.7	19.2	19.2	18.3	18.1	16.0	16.0	14.4	16.9	20.6	23.7	25.9	26.0	24.3	23.8	23.0	20.2
28 Q	21.3	19.5	18.1	17.8	18.4	17.9	17.9	18.4	19.2	18.9	18.8	18.6	18.1	16.1	14.8	16.0	18.9	22.3	24.9	25.8	25.7	24.3	22.2	21.7	19.8
29 Q	20.9	19.4	19.3	18.8	18.7	19.7	19.4	19.4	19.3	19.2	18.6	18.8	18.9	16.6	14.8	14.9	18.6	22.4	24.1	25.2	26.1	26.5	26.7	26.0	20.5
30	21.5	21.8	21.3	18.0	16.6	15.8	17.3	17.1	16.0	13.2	17.7	24.6	26.3	23.3	17.5	15.7	19.8	22.5	24.3	24.2	24.3	24.2	22.6	22.2	20.3
31 D	22.2	22.1	21.8	13.1	15.3	14.8	19.9	06.8	15.8	16.1	19.5	31.7	25.9	29.1	31.7	24.9	24.5	26.8	26.7	27.0	23.4	24.0	29.7	33.5	22.8
Mean	21.4	20.2	19.6	18.4	17.8	18.0	18.5	17.6	18.1	18.6	19.2	20.0	19.6	18.5	17.2	18.8	21.2	23.9	25.7	26.3	25.9	25.1	24.2	23.2	20.7

AGINCOURT MAGNETIC OBSERVATORY, 1957-1958

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 47 Agincourt (Z)

56,000 γ +

December 1957

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	199	206	230	243	223	218	213	195	184	176	177	182	188	193	188	189	192	199	205	208	210	210	208	208	202
2	207	213	210	211	207	186	183	177	194	198	186	172	174	183	190	198	201	206	212	213	208	207	205	202	198
3	201	202	202	204	201	199	166	169	194	193	185	190	194	199	204	198	201	204	208	207	205	207	206	207	198
4	207	202	193	192	196	195	178	170	192	194	186	182	191	196	198	198	200	202	201	200	201	203	204	204	195
5	208	220	211	186	177	184	184	157	154	157	181	192	190	189	183	190	196	212	225	236	244	228	223	247	199
6 D	231	223	214	213	198	195	205	195	160	163	174	160	168	187	199	200	219	219	219	223	223	223	219	217	202
7	219	216	211	207	205	204	189	190	181	153	168	178	181	181	182	189	193	202	214	219	214	210	208	210	197
8	216	213	208	204	195	190	192	198	192	198	195	195	195	199	196	194	193	195	199	200	199	200	200	200	199
9	207	207	205	202	193	192	192	184	175	172	186	189	192	192	201	197	204	200	209	209	212	211	217	210	198
10	206	205	206	208	205	201	199	188	168	182	171	170	177	190	191	192	199	212	222	228	235	246	247	254	204
11 D	241	240	238	177	142	121	184	091	153	189	204	205	207	202	195	189	189	195	202	206	214	244	231	231	195
12 D	233	247	243	241	226	195	187	176	184	163	168	171	188	198	199	196	199	208	216	219	219	219	216	220	205
13	216	214	214	201	200	204	205	204	202	171	129	171	187	196	196	197	202	201	201	205	206	204	202	202	197
14	201	202	207	205	205	206	202	201	201	200	199	199	198	196	194	192	190	192	200	207	210	205	200	202	201
15	204	205	202	202	203	201	194	188	187	179	180	181	181	189	189	199	192	189	196	199	205	201	199	200	194
16	205	202	200	204	205	201	201	198	198	195	193	194	194	196	194	189	192	195	204	205	205	205	201	200	199
17	202	205	213	210	212	205	180	176	188	192	198	199	199	201	198	188	183	183	198	202	199	201	204	211	198
18	211	208	210	207	205	201	199	198	196	195	192	190	192	195	195	193	192	193	198	199	200	202	200	199	199
19	200	201	199	199	198	198	199	194	187	187	186	183	189	193	189	184	180	184	190	201	206	205	204	208	194
20	216	220	232	222	214	217	210	203	193	198	198	200	201	202	199	189	195	199	207	208	211	219	210	211	207
21	208	210	208	208	207	196	188	204	196	199	202	204	203	206	206	203	200	205	208	211	208	207	205	207	204
22 Q	210	210	207	206	204	202	201	200	199	199	198	198	199	201	199	193	192	196	202	202	203	204	199	196	201
23 Q	197	198	196	198	196	195	195	195	194	194	194	194	194	194	194	193	192	193	201	201	201	199	195	194	196
24	194	195	194	193	193	193	192	192	192	190	190	189	189	188	184	178	174	180	188	198	201	196	195	195	191
25	194	193	192	195	196	195	192	187	190	193	192	191	191	193	190	185	187	187	193	203	205	202	205	206	194
26	204	199	198	201	192	197	205	195	191	171	158	180	189	187	187	184	183	188	204	213	210	205	201	200	193
27 Q	198	200	200	202	200	198	195	195	195	194	194	194	194	195	196	195	191	187	188	195	201	204	202	200	197
28 Q	196	196	195	195	194	194	194	193	193	193	192	192	193	193	189	181	182	188	193	198	199	197	193	190	193
29 Q	193	192	190	192	190	190	189	189	188	188	188	188	188	189	192	190	184	187	189	195	195	198	195	196	191
30	199	201	210	201	194	192	190	183	177	145	147	154	169	183	182	180	186	192	199	199	192	194	192	190	185
31 D	193	200	202	201	211	180	115	076	127	043	085	067	128	165	172	193	219	278	297	292	291	268	258	297	190
Mean	207	208	208	204	200	195	191	183	185	179	181	182	188	193	193	191	194	199	206	210	211	210	208	210	197

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 48 Agincourt

December 1957

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range γ	Maximum 7° W +		Minimum 7° W +		Range '	Maximum 56,000 γ +		Minimum 56,000 γ +		Range γ
	h. m.	γ	h. m.	γ		h. m.	'	h. m.	'		h. m.	γ	h. m.	γ	
1 D	04 01	695	16 49	609	86	04 11	33.3	04 00	10.6	22.7	03 01	267	09 50	160	107
2	11 32	683	14 47	614	69	11 17	30.0	10 10	13.5	16.5	01 38	217	07 30	167	50
3	06 41	678	16 58	613	65	18 51	27.5	14 12	11.2	16.3	19 54	212	06 56	141	71
4	11 07	685	17 00	624	61	06 57	25.0	14 38	13.2	11.8	00 01	211	07 07	163	48
5	20 13	696	17 32	586	110	20 16	31.5	04 46	10.9	20.6	20 13	271	07 21	134	137
6 D	12 27	691	16 03	557	134	11 47	31.8	05 07	4.2	27.6	00 16	238	09 05	143	95
7	10 25	690	09 07	622	68	13 06	43.3	07 41	12.1	31.2	00 32	222	09 11	127	95
8	11 32	680	17 22	638	42	18 33	26.0	04 28	13.5	12.5	01 05	217	05 55	183	34
9	13 15	690	15 41	616	74	21 41	28.4	09 25	14.6	13.8	22 20	219	09 25	160	59
10	22 40	679	15 17	622	57	22 41	33.0	03 12	11.1	21.9	22 55	262	08 27	158	104
11 D	21 38	708	05 43	522	186	22 46	34.0	07 46	-12.6	46.6	21 42	281	07 14	25	256
12 D	11 52	680	16 54	581	99	19 24	33.5	05 56	10.8	22.7	01 44	262	09 43	148	114
13	11 26	677	16 37	591	86	10 22	42.9	03 18	7.2	35.7	00 05	219	10 21	109	110
14	23 59	688	17 25	622	66	19 09	27.6	14 22	14.2	13.4	20 15	212	15 30	189	23
15	10 56	696	14 37	616	80	15 36	31.3	13 58	11.4	19.9	05 05	207	10 20	166	41
16	23 59	684	18 43	619	65	18 30	27.4	14 01	11.3	16.1	20 55	210	15 25	188	22
17	00 22	690	18 32	621	69	18 55	27.5	08 33	11.3	16.2	02 22	217	06 33	156	61
18	23 23	687	17 54	631	56	20 06	26.1	14 56	12.0	14.1	00 15	212	11 43	183	29
19	09 41	696	19 55	649	47	20 11	30.3	17 15	8.4	21.9	23 56	218	11 05	175	43
20	21 25	700	17 57	626	74	21 26	30.2	14 00	12.0	18.2	02 38	236	08 29	186	50
21	03 20	697	16 43	619	78	18 27	30.7	05 04	11.0	19.7	07 06	214	06 14	176	38
22 Q	03 10	688	16 59	625	63	20 30	25.7	14 21	15.9	9.8	00 50	213	16 13	190	23
23 Q	23 43	696	15 54	630	66	17 48	27.0	14 52	16.9	10.1	18 55	203	16 56	189	14
24	09 05	698	17 32	641	57	19 38	26.7	14 13	12.9	13.8	20 17	204	16 23	172	32
25	03 12	693	19 07	619	74	07 17	36.4	13 06	12.5	23.9	20 42	208	06 20	176	32
26	04 52	690	17 19	619	71	18 52	31.4	04 44	5.7	25.7	19 43	216	10 02	145	71
27 Q	22 02	686	17 20	638	48	20 05	27.1	15 08	13.7	13.4	20 32	205	16 38	185	20
28 Q	22 45	696	17 12	629	67	18 17	26.7	14 47	13.9	12.8	09 57	200	15 55	180	20
29 Q	08 42	695	17 06	634	61	23 19	28.0	14 50	12.5	15.5	23 35	201	15 57	179	22
30	09 22	696	16 52	628	68	13 16	28.6	09 10	10.6	18.0	02 30	210	09 42	110	100
31 D	20 39	730	08 59	444	286	11 20	42.5	09 50	-2.7	45.2	23 52	312	09 35	-83	395
Mean		692		610	82		30.7		10.5	20.2		226		151	75
No. days		31		31	31		31		31	31		31		31	31

DIURNAL INEQUALITIES OF MAGNETIC ELEMENTS
Departure from mean of the day not adjusted for non-cyclic change

Hour U. T.	Month Season																							
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
HORIZONTAL INTENSITY (gammas) (All Days)																								
Table 49 Agincourt 1957																								
January	+8	+7	+8	+5	+3	+5	+3	+2	-1	+3	+5	+6	+8	+4	-6	-20	-28	-31	-25	-15	0	+14	+24	+11
February	+16	+13	+7	+6	+2	-4	-7	-6	-8	-10	-2	+6	0	-6	-12	-20	-20	-13	-5	+8	+12	+11	+15	+16
March	+23	+24	+16	+13	+11	-7	-19	-12	-4	+6	+6	-5	-17	-30	-33	-42	-39	-28	-7	+8	+28	+39	+32	+27
April	+21	+13	+7	+4	+4	-5	-11	-12	-12	-5	0	-6	-13	-25	-34	-38	-30	-16	-1	+17	+28	+41	+39	+36
May	+11	+8	+7	+5	+4	0	-2	+1	-2	-7	-9	-11	-16	-24	-31	-32	-22	-2	+12	+24	+28	+28	+20	+15
June	+22	+14	+7	+4	+1	-9	-11	-13	-14	-13	-15	-20	-28	-31	-41	-44	-33	-12	+14	+39	+53	+55	+43	+31
July	+11	+9	+6	-3	-7	-8	-4	-4	-7	-4	-5	-10	-15	-23	-32	-38	-32	-10	+16	+31	+42	+41	+33	+23
August	+20	+17	+10	+8	+2	+1	-5	-2	-3	0	-2	-7	-14	-27	-39	-42	-34	-15	+3	+20	+31	+28	+21	+20
September	+49	+31	+28	-1	-3	-15	-27	-33	-25	-36	-25	-31	-31	-40	-66	-79	-34	-5	+29	+38	+66	+86	+76	+75
October	+16	+13	+11	+12	+7	+2	+2	+6	+9	+9	+11	+9	+3	-16	-30	-40	-35	-26	-12	+2	+11	+28	+17	+17
November	+12	+14	+9	+9	+6	+6	+1	-2	+1	+3	+7	+11	+2	-13	-23	-31	-28	-29	-12	0	+11	+16	+17	+16
December	+12	+9	+6	+4	+3	+2	+1	-2	-1	+1	+11	+11	+9	+4	-7	-21	-28	-26	-19	-9	+4	+10	+10	+11
Year	+18.4	+14.3	+10.2	+5.5	+2.8	-2.7	-6.6	-6.4	-5.6	-4.4	-1.5	-3.9	-9.7	-18.9	-29.5	-37.2	-30.7	-17.8	-0.6	+13.2	+25.3	+30.3	+28.8	+24.8
Winter	+12.0	+10.8	+7.5	+6.0	+3.5	+2.2	-0.5	-2.0	-2.2	-0.8	+5.2	+8.5	+4.8	-3.8	-12.0	-23.0	-27.2	-24.8	-15.2	-5.2	+6.8	+12.8	+15.5	+13.5
Equinox	+27.2	+20.2	+15.5	+7.0	+4.8	-6.2	-13.8	-12.8	-8.0	-6.5	-2.0	-8.2	-16.0	-27.8	-40.8	-49.8	-34.5	-18.8	+2.2	+16.2	+30.8	+40.2	+40.8	+38.8
Summer	+16.0	+12.0	+7.5	+3.5	0.0	-4.0	-5.5	-4.5	-6.5	-6.0	-7.6	-12.0	-17.8	-26.2	-35.8	-39.0	-30.2	-9.8	+11.2	+28.5	+38.5	+38.0	+29.2	+22.2
DECLINATION (minutes) (All Days)																								
Table 50 Agincourt 1957																								
January	-1.3	-0.1	+1.7	+2.0	+2.6	+2.2	+1.5	+1.5	+0.9	+1.8	+1.7	+0.9	+1.2	+3.6	+5.1	+3.5	+0.3	-2.4	-5.3	-8.7	-6.4	-4.0	-1.9	-2.4
February	-1.0	+0.1	+0.7	+1.5	+1.0	+1.1	+1.6	+2.6	+2.7	+2.5	+2.7	+2.8	+2.9	+3.0	+2.9	+0.4	-2.1	-4.0	-5.2	-4.6	-3.2	-2.7	-2.7	-1.9
March	+0.3	+1.2	+2.1	+2.9	+2.9	+1.3	+0.3	+2.4	+2.7	+2.9	+4.1	+2.7	+3.8	+5.1	+4.4	+1.2	-3.3	-6.2	-7.7	-8.0	-6.0	-3.9	-2.4	-1.6
April	-0.8	+0.7	+1.9	+1.1	+1.5	+2.3	+3.3	+2.3	+2.6	+3.5	+4.3	+4.5	+5.3	+5.8	+3.3	-0.8	-5.1	-7.2	-8.0	-7.6	-6.3	-4.0	-1.6	-1.0
May	+0.2	-0.1	-0.3	0.0	+1.0	+1.7	+1.5	+1.4	+2.0	+2.8	+4.5	+6.1	+8.9	+7.1	+3.5	-2.2	-6.5	-8.7	-9.3	-8.0	-5.4	-2.7	-0.6	+0.7
June	-0.6	+0.3	+0.4	+0.4	+0.4	+0.1	+1.4	-0.4	+0.4	+2.0	+5.0	+6.5	+7.9	+9.1	+5.8	+0.9	-4.6	-7.0	-7.8	-6.4	-4.8	-3.5	-2.0	-2.0
July	-0.2	-0.7	-0.1	-0.3	-0.5	0.0	0.0	-0.9	0.0	+2.6	+5.5	+7.3	+8.3	+9.4	+6.4	+1.2	-3.5	-6.6	-7.9	-8.0	-5.5	-3.2	-1.6	0.0
August	0.0	+0.1	+0.9	+0.8	+1.1	+1.8	+1.3	+1.2	+1.3	+2.6	+5.3	+6.1	+9.6	+8.3	+5.1	-0.8	-5.8	-9.5	-10.7	-8.5	-6.8	-4.0	-1.6	-0.6
September	+0.5	+1.7	+2.6	+0.6	-1.1	-1.8	+0.9	+1.0	+2.3	+2.8	+5.4	+4.4	+5.5	+4.1	-0.2	-4.1	-7.8	-6.3	-7.8	-5.8	-2.2	+1.2	+2.9	+2.9
October	-1.8	-0.4	+1.4	+1.3	+1.5	+1.3	+2.6	+3.6	+3.0	+2.3	+2.4	+3.6	+5.5	+6.8	+5.9	+1.4	-3.1	-6.0	-7.4	-7.2	-5.7	-4.3	-3.7	-2.4
November	-0.2	+0.9	+1.3	+3.3	+2.0	+2.1	+1.6	+1.4	+2.5	+3.7	+2.9	+3.4	+4.1	+6.6	+3.5	+0.2	-2.7	-5.6	-7.3	-6.4	-5.4	-4.3	-3.1	-2.1
December	-0.7	+0.6	+1.1	+2.3	+2.9	+2.7	+2.2	+3.1	+2.6	+2.1	+1.5	+0.7	+1.1	+2.2	+3.5	+1.9	-0.5	-3.2	-5.0	-5.6	-5.2	-4.4	-3.5	-2.5
Year	-0.6	+0.3	+1.1	+1.2	+1.3	+1.1	+1.5	+1.6	+1.9	+2.6	+3.8	+4.4	+5.3	+5.6	+4.1	+0.2	-3.7	-6.1	-7.4	-7.0	-5.2	-3.3	-1.8	-1.1
Winter	-0.8	+0.3	+1.2	+2.3	+2.1	+2.0	+1.7	+2.1	+2.2	+2.5	+2.2	+2.0	+2.3	+3.3	+3.7	+1.5	-1.2	-3.8	-5.7	-5.8	-5.0	-3.8	-2.8	-2.2
Equinox	-0.4	+0.8	+2.0	+1.2	+1.2	+0.8	+1.8	+2.3	+2.6	+2.9	+4.0	+3.8	+5.0	+5.4	+3.3	-0.6	-4.8	-6.4	-7.7	-7.1	-5.0	-2.7	-1.2	-0.5
Summer	-0.1	-0.1	+0.2	+0.2	+0.5	+0.6	+1.0	+0.3	+0.9	+2.5	+5.1	+7.5	+8.7	+8.2	+5.2	-0.2	-5.1	-8.0	-8.9	-8.0	-5.6	-3.3	-1.4	-0.5
VERTICAL INTENSITY (gammas) (All Days)																								
Table 51 Agincourt 1957																								
January	+12	+11	+10	+9	+3	0	-4	-4	-11	-14	-13	-12	-9	-6	-6	-10	-9	-4	+4	+9	+14	+13	-2	+9
February	+18	+13	+13	+7	-9	-5	-10	-7	-11	-14	-15	-11	-6	-5	-7	-7	-3	+1	+5	+9	+13	+14	+15	+15
March	+24	+22	+11	+5	0	-21	-16	-16	-16	-20	-17	-20	-16	-14	-12	-9	-4	+3	+12	+16	+22	+28	+22	+25
April	+36	+24	+1	-8	-11	-21	-20	-25	-23	-23	-21	-18	-16	-12	-10	-9	-4	+3	+13	+22	+27	+31	+36	+37
May	+15	+11	+8	-1	-7	-11	-9	-7	-7	-10	-16	-11	-7	-6	-7	-10	-8	-6	-1	+6	+14	+20	+20	+18
June	+18	+13	+7	+5	-9	-19	-15	-13	-16	-15	-15	-20	-16	-7	-7	-7	-2	+4	+13	+17	+25	+25	+21	+21
July	+10	+7	+2	-6	-13	-10	-15	-13	-13	-4	-3	-5	-10	-13	-9	-7	-4	0	+6	+13	+21	+24	+23	+19
August	+17	+9	+5	+1	-7	-11	-13	-13	-14	-9	-6	-4	-5	-6	-6	-6	-5	-2	+4	+11	+15	+18	+16	+15
September	+21	+10	-6	-11	0	-23	-42	-11	-4	-38	-38	-27	-24	-19	-20	-4	+16	+29	+35	+37	+41	+36	+32	+20
October	+17	+13	+8	+4	-1	-13	-12	-10	-10	-13	-10	-4	-3	-4	-7	-9	-6	-2	+5	+9	+13	+13	+14	+17
November	+15	+7	+3	+2	0	-1	-6	-12	-16	-17	-16	-13	-9	-7	-10	-8	-3	+4	+9	+12	+14	+13	+13	+14
December	+10	+11	+11	+7	+3	-2	-6	-14	-12	-18	-16	-15	-9	-4	-4	-6	-3	+2	+9	+13	+14	+13	+11	+13
Year	+17.8	+12.6	+6.1	+1.2	-4.2	-11.4	-14.0	-12.1	-12.7	-16.2	-15.5	-13.3	-11.0	-8.5	-8.8	-7.7	-2.9	+2.7	+9.5	+14.5	+19.4	+20.6	+18.4	+18.6
Winter	+13.8	+10.5	+9.2	+6.2	-0.8	-2.0	-6.5	-9.2	-12.5	-15.8	-15.0	-12.8	-8.2	-5.2	-6.8	-7.8	-4.5	+0.8	+6.8	+10.8	+13.8	+13.0	+9.2	+12.8
Equinox	+24.5	+17.2	+3.5	-2.5	-3.0	-19.5	-22.5	-15.5	-13.2	-23.5	-21.5	-17.2	-15.2	-12.2	-12.2	-7.8	+0.5	+8.2	+16.2	+21.0	+25.8	+27.0	+26.0	+24.8
Summer	+15.0	+10.0	+5.5	-0.2	-9.0	-12.8	-13.0	-11.5	-12.5	-9.5	-10.0	-10.0	-9.5	-8.0	-7.2	-7.5	-4.8	-1.0	+5.5	+11.8	+18.8	+21.8	+20.0	+18.2

DIURNAL INEQUALITIES OF MAGNETIC ELEMENTS
Departure from mean of the day not adjusted for non-cyclic change

Hour U. T. Month Season	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24
HORIZONTAL INTENSITY (gammas) (Quiet Days)																								
Table 52 Agincourt 1957																								
January	+6	+7	+8	+9	+9	+8	+8	+9	+9	+9	+9	+8	+8	-6	-20	-30	-31	-23	-14	-4	+5	+8	+7	
February	+10	+12	+9	+9	+10	+10	+10	+8	+6	+5	+4	+2	-14	-24	-30	-28	-21	-11	-2	+4	+5	+10	+10	
March	+11	+12	+12	+9	+7	+9	+11	+10	+13	+12	+11	+8	-1	-15	-24	-34	-38	-27	-17	-6	+6	+11	+11	+12
April	+15	+13	+14	+13	+11	+7	+3	+4	+5	+6	+4	+3	-6	-19	-28	-34	-28	-22	-12	-5	+5	+15	+17	+18
May	+9	+6	+5	+8	+7	+7	+7	+8	+4	-3	-5	-6	-16	-29	-38	-38	-25	-8	+8	+20	+22	+24	+17	+14
June	+8	+8	+7	+7	+5	+3	+2	+1	+1	+1	+1	0	-9	-25	-32	-33	-24	-11	+6	+13	+24	+21	+17	+10
July	+7	+7	+6	0	+4	+6	+5	+2	+1	0	+1	-3	-13	-18	-27	-35	-30	-14	+5	+19	+25	+23	+16	+13
August	+12	+12	+11	+10	+8	+7	+6	+4	+2	+1	0	-4	-13	-24	-36	-36	-28	-13	-1	+12	+18	+20	+16	+14
September	+14	+13	+14	+12	+12	+12	+13	+12	+11	+9	+4	-1	-15	-33	-46	-47	-36	-20	-3	+8	+13	+20	+18	+16
October	+15	+16	+15	+14	+14	+13	+11	+10	+10	+8	+8	+6	-6	-20	-35	-43	-40	-27	-11	-1	+6	+9	+13	+13
November	+11	+11	+10	+9	+7	+7	+8	+10	+10	+11	+10	+7	-3	-16	-26	-35	-34	-26	-12	-2	+6	+9	+13	+14
December	+12	+12	+14	+12	+9	+9	+8	+8	+8	+8	+7	+5	+3	-3	-13	-26	-36	-35	-24	-11	-1	+7	+13	+13
Year	+10.8	+10.8	+10.2	+9.2	+8.6	+8.2	+7.7	+7.2	+6.8	+6.7	+4.6	+2.3	-6.1	-17.8	-27.9	-34.2	-31.1	-21.2	-7.9	+2.6	+10.3	+14.1	+14.1	+12.8
Winter	+9.8	+10.5	+9.8	+9.5	+8.8	+8.8	+8.5	+9.0	+8.8	+8.5	+7.8	+6.2	+1.5	-7.5	-17.2	-27.8	-32.0	-28.2	-17.5	-7.2	+1.2	+6.5	+11.0	+11.0
Equinox	+13.8	+13.5	+13.8	+12.0	+11.0	+10.2	+9.5	+9.0	+9.8	+8.8	+6.8	+4.0	-7.0	-21.8	-33.2	-39.5	-35.0	-24.0	-10.8	-1.0	+7.5	+13.8	+14.8	+14.8
Summer	+9.0	+8.2	+7.0	+6.2	+6.0	+5.8	+5.0	+3.8	+2.0	-0.2	-0.8	-3.2	-12.8	-24.0	-33.2	-35.5	-26.2	-11.5	+4.5	+16.0	+22.2	+22.0	+16.5	+12.8

DECLINATION (minutes) (Quiet Days)																								
Table 53 Agincourt 1957																								
January	-0.4	+0.1	+0.5	+1.2	+1.0	+1.1	+0.6	+0.3	+0.4	+1.5	+1.5	+1.8	+2.4	+3.8	+5.0	+4.0	+1.1	-2.6	-4.9	-5.5	-5.5	-4.1	-2.2	-1.1
February	-1.5	-0.8	+0.3	+0.6	+0.4	+0.5	+0.8	+1.1	+1.8	+2.4	+2.6	+3.5	+4.3	+5.0	+3.8	+0.8	-2.1	-4.4	-5.4	-4.4	-3.0	-2.0	-2.2	-2.0
March	-1.8	-0.6	0.0	+1.5	+1.9	+2.5	+2.6	+2.2	+2.6	+2.4	+2.1	+2.3	+4.6	+6.1	+4.8	+0.5	-3.4	-6.8	-6.6	-5.7	-4.2	-2.8	-2.0	-2.0
April	-1.6	+1.1	+1.4	+0.8	+1.2	+2.8	+2.6	+2.3	+2.3	+4.1	+4.8	+6.2	+6.9	+5.9	+3.3	-0.6	-4.6	-7.2	-8.3	-8.7	-7.1	-4.5	-2.0	-1.0
May	+1.1	0.0	-0.9	-0.8	-0.4	+0.2	+0.5	+0.2	+1.0	+2.6	+5.5	+9.5	+10.8	+8.9	+4.2	-2.8	-7.5	-9.8	-9.6	-7.6	-5.3	-2.2	+0.7	+1.8
June	-0.3	-0.6	-0.4	+0.5	+0.6	+0.2	+0.3	+0.7	+1.5	+3.7	+6.3	+8.8	+9.6	+8.2	+5.5	+0.9	-5.0	-8.6	-10.1	-9.6	-6.7	-4.0	-1.8	+0.1
July	-0.2	-0.2	-0.9	-1.0	-1.6	-1.4	-0.7	-0.3	+0.1	+1.4	+5.0	+8.2	+10.2	+10.0	+6.8	+1.9	-3.5	-7.2	-8.3	-7.8	-5.8	-3.4	-1.3	0.0
August	-0.8	-0.9	-0.8	-0.5	-0.2	+0.6	+1.1	+1.5	+1.9	+3.0	+6.2	+7.9	+9.5	+9.4	+5.9	-0.5	-5.3	-8.1	-8.8	-7.9	-6.0	-3.7	-1.8	-0.7
September	-1.3	-1.0	-0.8	-0.4	+0.2	+1.0	+1.6	+1.7	+3.3	+4.2	+4.8	+6.9	+8.2	+7.8	+3.9	-2.2	-7.2	-9.7	-8.8	-5.9	-2.9	-0.9	-0.9	-1.5
October	-2.0	-0.9	-0.3	+0.3	+0.8	+1.3	+1.9	+2.2	+2.6	+2.6	+2.4	+3.4	+5.5	+7.0	+6.3	+2.3	-1.9	-5.2	-6.6	-6.5	-4.9	-3.8	-3.4	-2.8
November	-0.6	-0.1	+0.2	+0.6	+0.9	+1.0	+1.0	+1.3	+1.5	+2.0	+2.4	+2.7	+4.1	+5.4	+4.6	+1.6	-2.2	-4.5	-5.7	-5.1	-4.0	-3.1	-2.3	-1.8
December	-1.4	+0.5	+1.0	+1.4	+1.3	+1.3	+1.1	+1.0	+1.2	+1.4	+1.6	+1.8	+2.1	+3.6	+4.4	+4.1	+1.1	-2.5	-4.3	-5.1	-5.2	-4.3	-3.3	-2.6
Year	-0.9	-0.3	-0.1	+0.3	+0.5	+0.9	+1.1	+1.2	+1.7	+2.6	+3.7	+5.2	+6.5	+6.8	+4.9	+0.8	-3.4	-6.4	-7.3	-6.6	-5.0	-3.2	-1.9	-1.1
Winter	-1.0	-0.1	+0.5	+1.0	+1.0	+1.0	+0.9	+0.9	+1.2	+1.8	+2.0	+2.4	+3.2	+4.4	+4.4	+2.6	-0.5	-3.5	-5.1	-5.0	-4.4	-3.4	-2.5	-1.9
Equinox	-1.7	-0.3	+0.1	+0.5	+1.0	+1.9	+2.2	+2.1	+2.7	+3.3	+3.5	+4.7	+6.3	+6.7	+4.6	0.0	-4.3	-7.2	-7.6	-6.7	-4.8	-3.0	-2.1	-1.8
Summer	-0.0	-0.4	-0.7	-0.4	-0.4	-0.1	+0.3	+0.5	+1.1	+2.7	+5.5	+8.6	+10.0	+9.1	+5.6	-0.1	-5.3	-8.4	-9.2	-8.2	-5.9	-3.3	-1.0	+0.3

VERTICAL INTENSITY (gammas) (Quiet Days)																								
Table 54 Agincourt 1957																								
January	+2	+2	+2	+1	0	0	-1	-1	-3	-2	-2	-1	0	0	0	-6	-8	-4	+1	+5	+5	+5	+4	+2
February	+3	+4	+3	+2	+2	+1	+2	0	-2	-1	-2	-2	0	+1	-2	-7	-7	-5	-1	+2	+3	+2	+2	+3
March	+6	+4	+4	0	0	-5	-8	-8	-9	-8	-7	-4	-2	-3	-4	-10	-5	+2	+9	+11	+10	+12	+8	+8
April	+6	+1	-2	-2	-2	-3	-4	-11	-11	-4	0	+1	0	-1	-3	-7	-6	-2	+3	+7	+10	+10	+10	+9
May	+8	+5	+1	-1	-4	-3	-3	-5	-6	-5	-5	-2	-2	-3	-6	-6	-5	-6	-2	+4	+9	+10	+12	+11
June	+4	+2	+1	-1	-3	-3	-1	0	+1	+3	+4	+4	+1	-3	-8	-12	-8	-4	-2	+1	+5	+6	+6	+6
July	+7	+3	-1	-2	-2	-4	-5	-3	-1	+1	+2	0	0	0	0	-2	-5	-7	-5	-2	+4	+6	+8	+8
August	+1	0	-1	-1	-1	-1	-1	-1	-1	0	+1	+1	0	-1	-3	-5	-5	-3	+1	+4	+4	+6	+5	+3
September	0	-1	-2	-2	-2	-2	-2	-5	-5	-4	-3	-3	-4	-4	-3	-2	+1	+5	+8	+9	+8	+8	+4	+1
October	+2	0	-1	-1	0	0	-1	-1	-1	-1	-2	-1	0	0	-1	-3	-3	-1	+1	+2	+4	+3	+3	+2
November	+1	+1	+1	+1	+1	+1	0	0	-1	-1	-2	-1	-1	-1	-3	-7	-6	-3	+2	+4	+5	+4	+2	+1
December	+2	+3	+1	+2	+1	0	-1	-2	-2	-2	-2	-2	-1	0	-2	-6	-7	-4	+2	+5	+7	+5	+2	+2
Year	+3.5	+2.0	+0.5	-0.3	+0.8	-1.6	-2.0	-3.1	-3.3	-2.0	-1.4	-0.9	-0.8	-1.2	-2.9	-6.1	-5.3	-2.7	+1.4	+4.3	+6.2	+6.7	+5.5	+4.8
Winter	+2.0	+2.5	+1.8	+1.5	+1.0	+0.5	+0.2	-0.8	-1.8	-1.5	-1.8	-1.8	-0.5	0.0	-1.8	-6.5	-7.0	-4.0	+1.0	+4.0	+5.0	+4.0	+2.5	+2.0
Equinox	+3.5	+1.0	-0.2	-1.2	-1.0	-2.5	-3.8	-6.2	-6.5	-4.2	-3.0	-1.8	-1.5	-2.0	-2.8	-5.5	-3.2	+1.0	+5.2	+7.2	+8.0	+8.2	+6.2	+5.0
Summer	+5.0	+2.5	0.0	-1.2	-2.5	-2.8	-2.5	-2.2	-1.8	-0.2	+0.5	+0.8	-0.2	-1.8	-4.2	-8.2	-5.8	-5.0	-2.0	+1.8	+5.5	+7.8	+7.8	+7.2

DIURNAL INEQUALITIES OF MAGNETIC ELEMENTS
Departure from mean of the day not adjusted for non-cyclic change

Hour U.T. Month Season	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24
HORIZONTAL INTENSITY (gammas) (Disturbed Days)																								
Table 55 Agincourt 1957																								
January	+1	+6	+24	+8	-4	0	-4	-15	-33	-15	-5	-3	+6	+2	-6	-28	-29	-33	-35	-19	+9	+67	+95	+20
February	+43	+21	-1	0	-15	-34	-52	-50	-57	-73	-31	+15	+3	+11	+8	+2	+8	+15	+21	+18	+34	+37	+37	+39
March	+66	+85	+44	+33	+28	-66	-135	-110	-70	-11	-6	-43	-68	-86	-58	-57	-7	+8	+33	+50	+95	+117	+90	+70
April	+61	+42	+14	-16	-14	-42	-50	-61	-60	-24	-4	-17	-23	-29	-31	-36	-21	-2	+15	+33	+43	+72	+68	+83
May	+21	+20	+13	+7	+3	-6	-8	+2	+3	-10	-16	-26	-28	-30	-33	-45	-35	-7	+10	+30	+38	+42	+29	+27
June	+45	+22	+7	+1	-19	-53	-48	-56	-52	-47	-59	-72	-86	-68	-78	-86	-64	-7	+52	+135	+170	+169	+127	+66
July	+27	+20	-5	-57	-72	-96	-59	-49	-49	-17	-12	-26	-17	-29	-31	-32	-16	+26	+76	+91	+97	+85	+81	+55
August	+51	+41	+18	+2	-13	-13	-54	-43	-48	-20	-14	-23	-19	-22	-32	-35	-28	0	+20	+34	+50	+60	+50	+46
September	+144	+135	+109	-58	-17	-68	-142	-188	-164	-204	-141	-130	-64	-56	-107	-136	-27	+66	+167	+135	+165	+167	+208	+215
October	+23	+16	+5	+11	-12	-40	-27	+6	+17	+6	+13	+17	+5	-16	-28	-43	-27	-17	-4	+10	+19	+21	+21	+27
November	+14	+18	+3	+5	+9	+4	-22	-38	-30	-15	-5	+13	+11	0	-8	-13	-17	-30	-7	+5	+25	+29	+21	+28
*December	+22	+11	+1	+3	-7	-14	-6	-19	-19	-11	+13	+18	+5	-7	-25	-32	-18	-9	+1	+25	+28	+16	+23	
Year	+43.2	+36.3	+19.3	-5.6	-11.1	-34.8	-50.6	-51.8	-46.8	-37.5	-22.4	-23.5	-21.8	-26.5	-34.2	-44.5	-24.6	+0.1	+27.4	+43.6	+64.2	+72.8	+70.2	+58.2
Winter	+20.0	+13.8	+6.8	+2.5	-4.2	-11.0	-21.0	-30.5	-34.8	-30.5	-7.5	+9.5	+9.5	+4.5	-3.2	-16.0	-17.5	-16.5	-7.5	+1.2	+23.2	+37.8	+42.2	+27.5
Equinox	+73.5	+69.5	+43.0	-7.5	-3.8	-54.0	-88.5	-88.5	-69.2	-58.5	-34.5	-43.2	-37.5	-46.8	-56.0	-68.0	-20.5	+13.8	+50.2	+57.0	+80.5	+84.2	+96.8	+98.8
Summer	+36.0	+25.8	+8.2	-11.8	-25.2	-39.5	-42.2	-36.5	-36.5	-23.5	-25.2	-36.8	-37.5	-37.2	-43.5	-49.5	-35.8	+3.0	+39.5	+72.5	+88.8	+86.5	+71.8	+48.1
* 4 Days only																								
DECLINATION (minutes) (Disturbed Days)																								
Table 56 Agincourt 1957																								
January	-2.7	-0.2	+5.8	+3.8	+3.3	+5.0	+3.3	+1.2	+0.8	+0.5	-1.3	-2.0	+3.7	+3.3	+1.4	-2.7	-3.6	-7.5	-8.9	-5.5	+2.5	+5.1	-3.4	
February	+1.5	+2.7	+3.6	+3.3	+0.9	+4.7	+3.9	+5.3	+5.7	+2.5	+0.9	+0.4	-1.4	-3.5	-0.8	-3.2	-3.7	-4.6	-5.7	-4.8	-3.4	-2.8	-2.4	+0.7
March	+4.0	+4.8	+7.1	+6.8	+5.4	-4.2	-8.7	-0.4	+4.8	+6.0	+11.6	+1.7	-2.3	-1.3	-2.1	-4.4	-7.8	-4.8	-8.4	-7.7	-3.4	-1.5	+0.1	+0.9
April	-3.2	+2.2	+3.3	+2.4	+2.8	+4.8	+5.1	+2.2	-1.2	+3.7	+4.2	+1.1	+0.9	+2.9	+2.2	-1.5	-2.9	-3.7	-5.1	-8.6	-5.8	-4.9	-2.7	-1.3
May	+0.6	0.0	+0.7	+1.6	+2.5	+4.2	+3.0	+2.7	+2.3	+0.8	+2.8	+6.5	+7.9	+6.3	+2.7	-1.8	-7.0	-9.3	-11.2	-9.1	-5.5	-1.8	+0.4	+1.0
June	-3.6	+0.4	+2.5	+1.0	+0.9	-2.4	+2.9	-5.8	+0.3	-0.3	+0.6	-0.6	+2.3	+4.5	+3.4	-2.4	-8.8	-6.2	-2.4	+5.7	+7.6	+4.7	+2.2	-6.4
July	+0.7	-0.2	+4.4	0.0	-2.6	-6.3	+0.6	-0.9	-2.3	+4.1	+2.9	+6.4	+4.3	+4.6	+7.3	+0.7	-3.8	-5.9	-5.0	-6.7	-3.7	-1.7	-1.5	-2.2
August	+0.6	+0.7	+1.7	+1.3	+1.9	+3.6	0.0	-0.4	-0.3	+0.2	+6.8	+7.6	+7.9	+7.5	+3.5	-0.8	-3.5	-7.6	-9.4	-10.0	-5.9	-3.3	-1.4	-0.7
September	+4.2	+4.0	+2.4	-10.1	-8.7	-11.4	-4.2	-1.2	-0.8	-2.4	+8.3	-1.3	-1.6	-3.3	-4.0	-7.2	-7.3	+14.6	+0.6	-1.8	+2.2	+5.8	+11.5	+11.7
October	-1.0	+1.1	+7.7	+4.5	+4.0	+0.1	+4.4	+5.7	+4.0	+1.5	+1.0	+3.3	+5.8	+6.5	+3.0	-1.4	-5.6	-7.7	-7.9	-9.2	-7.5	-5.5	-4.4	-3.2
November	-0.4	+2.1	+0.7	+6.5	+4.7	+4.2	+1.7	+0.8	+3.5	+8.9	+2.8	+4.1	+3.7	+2.9	+2.7	+0.9	-5.3	-3.9	-8.3	-8.1	-7.4	-7.6	-5.5	-3.7
*December	-0.6	-0.3	+0.7	+3.8	+5.1	+5.4	+3.2	+7.8	+3.8	+2.9	+1.7	-1.6	+0.6	+1.9	+0.8	-0.8	-3.0	-4.7	-5.0	-5.7	-3.9	-3.9	-4.6	-3.6
Year	+0.1	+1.4	+3.4	+2.2	+1.7	+0.6	+1.3	+1.4	+1.5	+2.2	+4.2	+2.2	+2.2	+2.7	+1.8	-1.7	-4.7	-4.1	-6.2	-6.0	-3.5	-1.7	-0.3	-0.8
Winter	-0.5	+1.1	+2.7	+4.3	+3.5	+4.8	+3.0	+3.8	+2.8	+3.3	+1.5	+0.4	+0.2	+1.2	+1.5	-0.4	-2.6	-4.5	-6.9	-6.9	-5.0	-2.9	-1.8	-2.5
Equinox	+1.2	+3.0	+5.1	+1.4	+0.9	-2.7	-0.8	+1.6	+1.7	+2.2	+6.3	+1.2	+0.7	+1.2	-0.2	-3.6	-5.9	-0.4	-4.7	-6.1	-3.6	-1.5	+1.1	+2.0
Summer	-0.4	+0.2	+2.3	+1.0	+0.7	-0.2	+1.6	-1.1	-0.0	+1.2	+5.0	+6.0	+5.6	+5.7	+4.2	+1.1	-5.8	-7.2	-7.0	-5.0	-1.9	-0.5	-0.1	-2.1
* 3 Days only																								
VERTICAL INTENSITY (gammas) (Disturbed Days)																								
Table 57 Agincourt. 1957																								
January	+31	+27	+27	+33	+1	-7	-7	-10	-40	-46	-39	-32	-21	-10	-8	-9	-3	+3	+20	+32	+46	+30	+49	+29
February	+55	+35	+36	+12	-62	-30	-49	-27	-41	-54	-63	-45	-23	-16	-4	+5	+9	+16	+22	+32	+43	+47	+52	+48
March	+87	+73	+11	-14	+11	-88	-35	-37	-42	-53	-41	-81	-90	-53	-34	+6	+13	+22	+46	+39	+51	+76	+55	+60
April	+89	+51	-13	-42	-43	-46	-52	-55	-43	-49	-46	-41	-39	-24	-11	-2	+5	+18	+39	+47	+52	+55	+69	+79
May	+25	+23	+18	-13	-21	-22	-20	-9	-14	-32	-55	-37	-19	-7	-4	-5	+1	+6	+13	+24	+37	+44	+39	+31
June	+32	+27	+24	+20	-29	-63	-42	-28	-46	-56	-65	-101	-67	-12	-6	0	+17	+41	+72	+64	+74	+66	+35	+40
July	+17	+22	+6	-32	-40	-24	-35	-39	-41	-14	-11	-9	-30	-39	-15	+1	+17	+31	+35	+45	+46	+46	+40	+25
August	+56	+26	+36	+24	-17	-31	-47	-50	-62	-32	-25	-20	-13	-10	-4	-6	-4	+5	+17	+28	+29	+29	+32	+38
September	+27	+19	-57	-80	-1	-73	-96	+53	+45	-147	-152	-80	-62	-43	-28	+25	+71	+119	+98	+89	+82	+86	+76	+27
October	+49	+36	+19	+10	-10	-88	-51	-17	-7	-26	-26	-13	-11	-11	-10	-10	-4	-2	+7	+13	+18	+28	+38	+50
November	+38	+37	-16	+5	+2	0	-20	-45	-44	-44	-31	-27	-10	-6	-11	-6	0	+6	+20	+27	+35	+27	+28	+40
*December	+21	+25	+27	+25	+16	+3	-11	-28	-26	-54	-52	-49	-28	-12	-10	-6	+5	+19	+25	+26	+26	+20	+16	+23
Year	+42.2	+33.4	+9.8	-2.8	-16.1	-37.4	-38.8	-24.3	-30.1	-50.6	-50.5	-44.6	-33.6	-20.2	-12.1	-0.6	+10.6	+23.8	+34.5	+38.8	+44.9	+46.2	+44.1	+40.8
Winter	+36.2	+31.0	+18.5	+16.2	-10.8	-8.5	-21.8	-27.5	-37.8	-49.5	-46.2	-38.2	-20.5	-11.0	-8.2	-4.0	+2.8	+11.5	+21.8	+29.2	+37.5	+31.0	+36.2	+35.0
Equinox	+58.0	+44.8	-10.0	-24.5	-10.8	-68.8	-58.5	-14.0	-11.8	-68.8	-66.2	-53.8	-48.0	-32.8	-20.8	+4.8	+21.2	+39.2	+47.5	+47.0	+50.8	+61.2	+59.5	+54.0
Summer	+32.5	+24.5	+21.0	-0.2	-26.8	-35.0	-36.0	-31.5	-40.8	-33.5	-39.0	-41.8	-32.2	-17.0	-7.2	-2.5	+7.8	+20.8	+34.2	+40.2	+46.5	+46.2	+36.5	+33.5
* 4 Days only																								

THREE-HOUR RANGE INDICES, AGINCOURT, 1957

Table 58

January					February				
	D	H	Z	K	D	H	Z	K	
1	0003 2000	0001 1010	0000 0000	0003 2010	0102 0110	0030 0010	0001 0000	0102 0110	
2	1024 2123	0014 1143	0003 1033	1024 2143	0011 2021	0100 0112	0000 0010	0111 2122	
3	2102 1100	3012 2010	2001 0000	3112 2110	1100 1112	0100 2122	0000 0001	1100 2122	
4	0111 1100	0001 0000	0000 0000	0111 1100	3222 4325	3211 3334	3112 1235	3222 4335	
5	0001 1000	0000 0010	0000 0000	0001 1010	3444 4312	2444 4222	3444 3202	3444 4322	
6	0101 1100	0100 0311	0000 0100	0101 1311	2222 2010	1111 0011	1032 0000	2232 2011	
7	0102 2100	1110 1210	0000 0000	1112 2210	0012 1001	0001 0001	0000 0000	0012 1001	
8	1112 2111	0112 2112	0002 1001	1112 2112	1121 1111	1020 0211	0010 0000	1121 1211	
9	0111 2323	1100 1122	0000 0001	1111 2323	2310 1000	1200 0011	0100 0000	2310 1011	
10	4253 4223	3342 2233	2152 1113	4353 4233	2002 0000	1000 0001	0000 0000	2002 0001	
11	3033 3112	2033 1021	1031 0000	3033 3122	1211 2310	1100 1311	0100 0100	1211 2311	
12	2411 0000	1301 0000	0200 0000	2411 0000	0422 2120	1321 1033	0220 0011	1422 2133	
13	0010 1000	1000 0000	0000 0000	1010 1000	2444 5441	1434 5453	0424 3341	2444 5453	
14	0000 1100	0010 0000	0000 0000	0010 1100	1021 1100	1121 0000	0000 0000	1121 1100	
15	0002 2200	0000 0111	0000 0000	0002 2211	0113 3200	0012 2222	0011 0100	0113 3222	
16	1111 3000	0010 0010	0000 0000	1111 3010	0012 2101	0020 0101	0010 0000	0022 2101	
17	0111 2000	1000 0010	0000 0000	1111 2010	0001 3102	1101 3111	0000 1000	1101 3112	
18	0020 0000	0000 0000	0000 0000	0020 0000	2222 3223	2111 1123	1010 0011	2222 3223	
19	0012 2200	0011 0100	0000 0000	0012 2200	1232 3223	1132 2243	0032 0033	1232 3243	
20	0000 0000	0000 0000	0000 0000	0000 0000	2131 3110	3220 1113	1010 0001	3231 3113	
21	0033 4567	0123 4468	0032 2168	0133 4568	3343 3315	2244 3335	2354 1214	3354 3335	
22	7653 3411	8654 3331	7653 2210	8654 3431	4432 3312	2232 2212	2422 1111	4432 3312	
23	0145 4231	2233 3333	0144 3111	2245 4333	2331 2254	2311 1256	1320 0046	2331 2256	
24	1212 2232	2212 2243	1201 0123	2212 2243	7866 4110	7767 3132	7876 4011	7877 4132	
25	4241 2221	4242 1122	4241 0011	4242 2222	2022 1000	1101 0100	0001 0000	2122 1100	
26	2322 3110	1111 2112	0011 0001	2322 3112	1100 0000	0000 0011	0000 0000	1100 0011	
27	1204 3110	1102 1111	0101 0000	1204 3111	2200 0000	2200 0000	1000 0000	2200 0000	
28	0300 1100	0200 0011	0000 0000	0300 1111	0001 1100	0000 0000	0000 0000	0001 1100	
29	0211 3433	0200 4422	0200 1201	0211 4433					
30	5555 4210	3554 2131	4655 2110	5655 4231					
31	0221 2101	1110 1212	0010 0000	1221 2212					
March					April				
	D	H	Z	K	D	H	Z	K	
1	0000 2325	0000 3324	0000 0215	0000 3325	4443 2213	3343 2243	3443 1131	4443 2243	
2	6887 5445	5998 7566	6897 6346	6998 7566	4023 2112	2022 2122	4032 0011	4033 2122	
3	6552 2221	4562 2321	6551 0211	6562 2321	2123 2135	1022 2245	0022 1134	2123 2245	
4	3331 1101	3212 2122	0211 0001	3332 2122	4322 2213	3221 2313	4332 0112	4332 2313	
5	4321 2101	3211 2113	2202 0011	4322 2113	4224 5413	4233 5233	3123 3112	4234 5433	
6	4132 2210	3021 1111	3021 0000	4132 2211	5544 1000	4455 0010	5545 1000	5555 1010	
7	2101 2110	1111 0211	0001 0000	2111 2211	0210 0000	1000 0001	0100 0000	1210 0001	
8	4021 2113	3020 1123	3020 0001	4021 2123	0221 2002	0111 2032	0221 0011	0221 2032	
9	2441 2212	2310 1211	1430 0000	2441 2212	3443 3222	1432 3134	1532 1002	3543 3234	
10	2346 6444	3357 7665	1357 7544	3357 7665	4576 3320	4686 4322	5666 4230	5686 4332	
11	3220 2000	3120 1100	2110 0000	3220 2100	1004 4020	3113 4231	0004 3010	3114 4231	
12	0232 2100	1220 1010	0121 0000	1232 2110	1230 2120	2330 1121	0210 0000	2330 2121	
13	0102 2211	0101 2212	0000 1011	0102 2212	4231 2000	2230 1111	1132 0000	4232 2111	
14	0001 1000	0001 0100	0000 0000	0001 1100	0100 0000	0000 0112	0000 0000	0100 0112	
15	2200 1002	0010 0124	0000 0002	2210 1124	0211 3114	0101 4145	0100 1014	0211 4145	
16	4221 3234	3331 2336	4120 1145	4331 3346	4423 1102	4202 2223	4501 0012	4523 2223	
17	1221 2211	1110 1322	0210 0101	1221 2322	3423 4334	2233 5267	3442 2135	3443 5367	
18	0332 4001	1202 3033	0212 1011	1332 4033	4232 2423	5333 1455	4132 0344	5333 2455	
19	1022 3011	0012 2122	0011 0021	1022 3122	7774 3323	8775 3243	8775 2233	8775 3343	
20	2341 1101	2230 0012	1031 0001	2341 1112	5542 1111	4321 1132	4341 0010	5542 1132	
21	0100 2234	1200 1234	0000 0014	1200 2234	4422 1310	2321 3111	1423 0100	4423 3311	
22	3133 3214	3233 3223	4133 2132	4233 3234	0000 0000	0000 0011	0000 0000	0000 0011	
23	4423 3200	3322 1222	2412 1001	4423 3222	2411 3000	1301 3022	0300 1001	2411 3022	
24	2221 0012	1010 0022	0011 0002	2221 0022	5414 3311	3211 3345	4203 1223	5414 3345	
25	3555 4010	3444 4121	4553 4010	4555 4121	2001 1110	3000 2211	2000 0000	3001 2211	
26	0002 3302	0002 3222	0000 1202	0002 3322	0143 3322	1232 2242	0133 2032	1243 3342	
27	5333 4235	4223 4247	3233 2126	5333 4247	6422 3102	4422 3233	5432 1012	6432 3233	
28	6676 1310	7777 2321	8776 2210	8777 2321	0022 2212	0022 2213	0020 0022	0022 2223	
29	3333 6755	3334 6646	0223 5545	3334 6756	1502 1110	2411 2120	1501 1010	2512 2120	
30	4411 1110	5430 1223	5510 0111	5531 1223	1301 2322	1301 1234	0400 0112	1401 2334	
31	3331 3233	2221 2244	1320 0233	3331 3244					

PUBLICATION OF THE DOMINION OBSERVATORY

THREE-HOUR RANGE INDICES, AGINCOURT, 1957

May					June											
	D	H	Z	K	D	H	Z	K								
1	5434	2100	4323	1211	4522	0100	5534	2211	0010	2101	0000	0001	0010	2101		
2	1332	2001	1211	2112	0321	0000	1332	2112	0201	1101	0100	2012	0100	0000	0201	2112
3	0213	1113	1101	2124	0102	0013	1213	2124	0333	2432	1333	3445	0443	1243	1443	3445
4	1123	2122	0112	3113	0012	1011	1123	3123	4543	2234	3423	2436	4533	1235	4543	2436
5	2211	2100	2201	2122	1000	0000	2211	2122	5332	2214	3222	2233	4311	0024	5332	2234
6	2414	3101	1313	2112	1304	1001	2414	3112	3455	2333	3443	2256	2454	1024	2455	2356
7	1431	1200	3311	2221	0330	0100	3431	2221	3212	0012	4110	0112	3000	0012	4212	0112
8	0132	1223	0112	2233	0011	0112	0132	2233	2421	2000	1200	1001	0310	0000	3421	2001
9	3533	3111	3441	3232	3542	2110	3543	3232	1200	0100	0100	0120	0100	0010	1200	0120
10	1312	2111	1200	1144	0100	0011	1312	2144	0000	0001	1000	0002	0000	0001	1000	0002
11	2100	1011	1110	1123	0000	0011	2110	1123	0000	0001	1000	0121	0000	0100	1000	0121
12	1011	0001	1000	0202	0000	0001	1011	0202	2020	2201	1010	2212	0010	1110	2020	2212
13	2113	1111	2111	2232	0011	0111	2113	2232	0012	2122	1011	1133	0000	1111	1012	2133
14	0300	1010	1100	1021	0100	0010	1300	1021	0211	1010	2100	1233	0200	0112	2211	1233
15	1001	2001	0001	2113	0000	1002	1001	2113	1212	2320	2322	4443	1322	1120	2322	4443
16	0010	0000	0000	0010	0000	0000	0010	0010	1001	1110	1011	1013	0000	0001	1011	1113
17	0200	1110	0101	0212	0100	0000	0201	1212	2432	2212	1222	2124	0340	1112	2442	2224
18	0000	1100	2100	1122	0000	0001	2100	1122	4541	3233	3332	2234	3533	0022	4543	3234
19	1101	2221	1011	2223	0000	0222	1111	2223	4523	3211	3323	4312	5513	2100	5523	4312
20	2543	3231	1332	3233	0443	0011	2543	3233	3411	2211	2320	1333	1410	0221	3421	2333
21	2323	3210	2323	2122	0313	0001	2323	3222	3333	1110	2233	1133	2132	0012	3333	1133
22	1102	2110	2211	0210	0000	0100	2212	2210	2014	3110	3113	3222	1002	2100	3114	3222
23	1121	1210	1120	0123	0130	1000	1131	1223	1001	1020	1001	2132	0000	0010	1001	2132
24	0013	1100	0112	1100	0012	0100	0113	1100	3342	2100	3221	2112	2241	0101	3342	2112
25	1332	1102	2221	2123	0321	0012	2332	2123	5424	4333	4323	3466	4421	1143	5424	4466
26	2634	3422	3324	2444	2544	2123	3644	3444	4576	5433	3667	5546	4675	6233	4677	6546
27	3231	2101	2221	1211	1231	0000	3231	2211	1233	3222	2211	3224	1031	1112	2233	3224
28	0031	0202	2010	1212	1020	0102	2031	1212	2133	3310	3232	2222	2042	2101	3243	3322
29	1221	0100	0011	1222	0120	0000	1221	1222	0001	2101	1110	1113	0000	0001	1111	2113
30	1025	4432	1034	4353	0015	2132	1035	4453	2647	6678	3756	6777	1767	7587	3767	7788
31	2602	0111	1401	0133	1500	0111	2602	0133								
July					August											
	D	H	Z	K	D	H	Z	K								
1	6774	1153	7883	1475	6684	1143	7884	1475	1340	1000	1130	0122	0030	0000	1340	1122
2	0015	6431	1105	6653	0004	6443	1115	6653	3211	0111	2201	1133	1210	0011	3211	1133
3	5333	4112	4333	4223	4332	2212	5333	4223	2021	2432	2011	2544	0011	0233	2021	2544
4	1000	1133	1001	1244	0000	0033	1001	1244	4220	1110	4210	1112	5100	0000	5220	1112
5	4865	4123	4965	4135	2865	3134	4965	4135	1000	0223	2000	0233	1000	0022	2000	0233
6	1322	1123	2232	2145	1222	1034	2332	2145	3565	3222	2374	3234	2464	2133	3575	3234
7	2311	1121	1200	2142	1300	1011	2311	2142	4431	1000	3311	1112	4322	0000	4432	1112
8	2131	2111	2111	2233	2121	1111	2131	2233	0231	2011	1120	2033	0010	1011	1231	2033
9	3020	0111	2010	2222	1010	0001	3020	2222	4231	4102	2210	3123	5320	1012	5331	4123
10	1200	1000	1110	1111	0000	0000	1210	1111	4232	0010	3210	1003	1220	1001	4232	1003
11	1001	2000	1001	2011	0000	1000	1001	2011	1001	2000	1100	1222	0000	0001	1101	2222
12	2230	2000	3220	2113	0110	0011	3230	2113	1323	4321	2222	4243	1431	1121	2433	4343
13	0000	0000	1100	0000	0000	0100	1100	0100	4574	3111	4573	2132	3563	2011	4574	3132
14	0002	1111	0000	1113	0000	0001	0002	1113	0010	3211	0111	3232	0000	1011	0111	3232
15	3001	1000	2000	0112	2000	0001	3001	1112	4120	0012	3010	0133	2010	0011	4120	0133
16	0023	2231	2033	3332	0033	1211	2033	3332	2300	1000	1200	0111	2200	0000	2300	1111
17	1001	2110	2102	2021	0000	1100	2102	2121	0000	2200	0000	1001	0000	0000	0000	2201
18	2222	1112	1121	2323	0211	0101	2222	2323	1202	2010	0102	2123	0001	0001	1202	2123
19	4133	3332	3231	4443	4132	2133	4233	4443	4333	1000	2332	2100	3432	0000	4433	2100
20	2321	2112	1200	2123	1420	0002	2421	2123	0212	3221	0100	3323	0101	1011	0212	3323
21	1000	1100	1101	1122	1000	0010	1101	1122	3624	1210	2422	1211	2423	0110	3624	1211
22	0443	2242	2332	2334	0452	1143	2453	2344	0110	0000	0000	0011	0000	0000	0110	0011
23	2300	0001	2410	0113	1400	0101	2410	0113	0000	0000	0000	0010	0000	0000	0000	0010
24	3032	3221	2111	3323	1011	1221	3132	3323	0000	1000	0000	1010	0000	0000	0000	1010
25	2220	1210	2100	1112	0100	0001	2220	1212	0000	0111	0000	0132	0000	0110	0000	0132
26	0001	1000	1100	1000	0000	0000	1101	1000	0001	2211	0000	2232	0000	1111	0001	2232
27	0000	1222	0100	0244	0000	0022	0100	1244	3422	3222	3422	2233	1211	1012	3422	3233
28	2011	1000	3110	0111	1000	0000	3111	1111	1121	2221	1120	1123	0010	0100	1121	2222
29	1323	3110	2332	2123	0223	0010	2333	3123	2001	3145	1001	2166	0000	0045	2001	3166
30	0311	0011	1210	0112	0210	0100	1311	0112	6545	2320	7633	2432	7642	1210	7645	2432
31	0001	1101	1000	1223	0000	0001	1001	1223	1230	3353	2121	2444	0220	1224	2231	3454

THREE-HOUR RANGE INDICES, AGINCOURT, 1957

September					October				
	D	H	Z	K	D	H	Z	K	
1	6643 3011	4543 3022	5642 1000	6643 3022	5421 4123	3320 3232	4310 1113	5421 4233	
2	3664 5466	2575 6687	1674 3477	3875 6687	5301 2203	3300 1222	4300 0101	5301 2223	
3	7656 6754	7477 6865	7677 6654	7677 6865	1102 3421	1101 3443	1001 0231	1102 3443	
4	1511 6877	3511 7998	1501 5748	3511 7998	2311 2213	1211 1222	1201 1111	2311 2223	
5	8974 3335	9875 3365	8872 3144	9975 3365	2201 2200	1200 1122	0100 0111	2201 2222	
6	5614 5431	4414 5433	3433 4321	5614 5433	0000 0000	1000 0010	0000 0000	1000 0010	
7	1412 1100	2203 1022	0101 0001	2413 1122	0111 2110	1111 1031	0000 0010	1111 2131	
8	0001 1100	1001 2203	0000 0101	1001 2203	1000 0000	0000 0000	0000 0000	1000 0000	
9	2243 2100	2332 2010	0241 0100	2343 2110	0111 2202	0011 2221	0000 0000	0111 2222	
10	0021 1100	0020 1231	0020 0010	0021 1231	2352 2211	2233 0112	2333 0022	2353 2222	
11	0031 1001	0001 0110	0020 0000	0031 1111	3344 3200	3232 2122	0232 2100	3344 3222	
12	1001 2110	1101 2412	0000 1201	1101 2412	1235 2103	1023 0113	0034 0011	1235 2113	
13	7888 5432	8999 7643	7799 5432	8999 7643	5431 2213	4231 2233	4530 0023	5531 2233	
14	1246 5213	2245 5332	0255 3213	2256 5333	5765 4424	3766 3343	5866 2233	5866 4444	
15	4312 1012	2401 1232	3300 0111	4412 1232	3111 3211	3102 1121	1200 1110	3112 3221	
16	4301 0000	2101 0110	4100 0010	4301 0110	0000 2100	0000 0121	0000 0000	0000 2121	
17	1212 3210	1111 3332	0100 1110	1212 3332	0001 2110	1001 1112	0000 0000	1001 2112	
18	4300 2321	3310 1233	1300 0012	4310 2333	0100 1020	1110 0131	0000 0010	1110 1131	
19	0011 1000	1000 1001	0000 0000	1011 1001	0122 2211	0022 1221	0021 0011	0122 2221	
20	0001 1100	1000 1122	0000 0001	1001 1122	0211 2204	1000 1125	0000 0214	1211 2225	
21	2116 4554	2106 5566	0005 3655	2116 5666	2111 3415	2111 2336	3000 1226	3111 3436	
22	4364 8557	5474 9858	5463 7757	5474 9858	3123 2312	3122 2333	5232 1211	5233 2333	
23	8888 7553	9888 6555	7987 7443	9888 7555	5133 1211	4122 1233	4022 0011	5133 1233	
24	5553 4210	3534 4232	4654 3121	5654 4232	0012 2120	0001 1231	0000 0010	0012 2231	
25	4454 3100	2343 3111	2443 2000	4454 3111	2013 2111	1011 1112	0000 0001	2013 2112	
26	0321 2110	0210 1111	0320 0000	0321 2111	3201 2100	1101 1121	1001 0000	3201 2121	
27	0010 1000	0000 0111	0000 0000	0010 1111	1012 4321	1101 3321	0000 1110	1112 4321	
28	0320 0000	0310 0132	0210 0010	0320 0132	2122 2110	3001 0231	2021 1110	3122 2231	
29	2453 6856	3453 7887	1662 5766	3663 7887	2132 3124	3122 2243	1032 1124	3132 3244	
30	5426 4322	5456 4443	6546 4222	6556 4443	2432 3210	2231 1121	1241 1010	2442 3221	
31					0011 4010	0001 2122	0000 1000	0011 4122	
November					December				
	D	H	Z	K	D	H	Z	K	
1	0212 3100	0211 2211	0000 1100	0212 3211	3532 2112	3333 2223	3432 1111	3533 2223	
2	0011 2002	0001 0022	0000 0000	0011 2022	2334 3311	2322 2211	1332 2100	2334 3311	
3	3033 3110	2012 2010	1033 1000	3033 3110	1133 3111	0021 1211	0031 1010	1133 3211	
4	0000 0000	0000 0111	0000 0000	0000 0111	2133 2101	2011 0000	1031 0000	2133 2101	
5	0000 2100	0000 0011	0000 0000	0000 2111	3434 3233	2323 1243	2343 0233	3444 3243	
6	0000 2245	0000 0245	0000 0045	0000 2245	2435 4320	2333 3431	2333 3210	2435 4431	
7	7322 2210	6222 2230	8431 1210	8432 2230	2153 5122	2134 4212	0043 2011	2154 5222	
8	0233 3223	0134 2223	0233 2213	0234 3223	1322 1111	1121 1121	0110 0000	1322 1121	
9	2432 4332	2332 3233	1442 2222	2442 4333	2123 4311	1212 3322	0112 1111	2223 4322	
10	5444 3222	3434 3332	4543 1211	5444 3332	2334 2213	3331 2223	0132 2103	3334 2223	
11	3333 3223	3333 3123	3233 2112	3333 3223	2554 4233	2545 3344	2564 2114	2565 4344	
12	4223 3110	2103 3322	2212 1100	4223 3322	4434 3333	4334 3432	3433 2221	4434 3433	
13	1032 3211	1011 0122	1011 1101	1032 3222	2415 3320	2213 2330	0214 1100	2415 3330	
14	3123 4321	2123 3333	2012 1212	3123 4333	1120 1011	2100 0022	0100 0010	2120 1022	
15	3333 3321	2233 3222	1332 1010	3333 3322	1322 3320	1223 3321	0112 2210	1323 3321	
16	2102 3110	2112 2221	0001 0100	2112 3221	2022 3222	1111 1132	1000 0011	2122 3232	
17	1000 1011	0000 1002	0000 0000	1000 1012	2432 2222	3221 1233	1130 0111	3432 2233	
18	3444 4321	2233 4232	2344 4211	3444 4332	2213 2201	1112 1212	0001 0000	2213 2212	
19	1222 2110	1211 1112	0111 0001	1222 2112	3323 3222	2113 2232	1112 0111	3323 3232	
20	2102 3111	2101 1221	0000 1110	2102 3221	3322 3122	2311 1233	1111 0022	3322 3233	
21	0010 1000	0000 1110	0000 0000	0010 1110	2331 2111	1321 1211	0331 0100	2331 2211	
22	0110 2210	0000 1110	0000 0000	0110 2210	2000 0000	2000 0000	1000 0000	2000 0000	
23	0011 2111	0011 2112	0000 0001	0011 2112	1100 0100	0000 0000	0000 0000	1100 0100	
24	2211 3321	1111 2332	0100 0111	2211 3332	0001 2110	0001 1021	0000 0010	0001 2121	
25	3253 3321	3243 2232	1153 1201	3253 3332	0142 3232	0221 2233	0020 0111	0242 3233	
26	3443 3555	3343 2656	3343 2345	3443 3656	1423 3221	1313 2221	0323 1110	1423 3221	
27	6655 2322	7655 2233	7764 3212	7765 3333	0100 2100	1100 1111	0000 0000	1100 2111	
28	3244 4322	3253 3322	2353 2221	3354 4322	0000 0101	0000 0011	0000 0000	0000 0111	
29	2212 2311	2311 2311	1102 1200	2312 2311	0000 2001	0000 1111	0000 0100	0000 2111	
30	2222 2200	2111 2121	0000 0010	2222 2221	2124 3200	2124 2212	1034 2010	2134 3212	
31					3456 4234	2366 3354	2455 4534	3466 4554	

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 1 Agincourt (H)

15,000 γ +

January 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	623	616	612	594	573	466	557	575	582	588	623	648	645	637	613	603	613	616	598	587	628	638	644	674	606
2	653	627	621	618	617	619	618	616	606	616	648	648	651	662	654	639	623	612	611	619	627	639	644	646	631
3 Q	649	655	652	650	649	655	658	661	662	665	667	667	665	668	668	649	627	624	628	636	639	649	658	654	652
4 Q	654	655	658	661	664	669	668	671	672	671	672	673	673	669	658	638	622	622	629	642	656	671	679	681	659
5 Q	667	658	666	666	670	675	677	680	677	675	677	680	678	672	666	648	629	634	644	652	664	672	674	674	666
6	670	670	669	666	667	671	675	679	673	676	678	680	683	687	679	654	643	647	653	658	670	679	679	673	670
7 Q	670	674	674	674	673	678	683	679	680	683	682	678	677	667	662	649	634	640	656	662	670	678	675	674	670
8 Q	670	670	667	664	665	662	662	659	654	664	675	670	668	659	651	634	624	628	644	657	665	672	676	675	660
9	668	663	668	664	665	667	670	669	672	679	679	683	684	664	645	649	639	632	651	665	685	688	679	678	667
10	670	652	647	660	656	654	651	660	665	668	668	667	668	654	645	624	618	629	652	661	676	685	685	683	658
11	680	687	680	680	681	676	673	674	678	673	670	680	675	662	639	613	605	624	648	660	678	686	678	679	666
12	675	678	668	658	659	653	652	658	663	671	669	665	662	651	628	610	603	615	639	663	678	685	678	678	657
13	685	678	681	679	676	674	668	668	673	675	670	670	667	657	641	622	609	617	645	673	666	673	670	670	662
14	675	674	676	678	679	679	674	669	664	672	667	665	664	657	639	607	603	634	657	665	681	654	675	674	662
15	673	675	675	675	673	667	658	647	668	670	665	670	670	640	631	610	607	609	633	658	668	680	670	670	662
16	670	673	675	675	674	675	662	664	672	661	661	674	670	664	642	619	613	619	638	653	672	683	680	683	661
17 D	680	675	675	668	647	664	667	657	661	665	664	677	666	656	625	613	603	602	616	644	674	662	660	672	654
18 D	654	649	653	639	634	642	648	632	633	601	609	641	619	613	601	604	599	607	621	630	642	649	652	649	630
19	649	654	656	649	652	649	649	651	659	657	657	657	649	631	619	615	600	601	622	634	647	656	665	662	643
20	664	669	667	662	665	664	667	658	665	664	659	659	666	655	632	624	628	632	647	670	685	685	682	662	660
21 D	645	614	632	597	630	627	628	637	647	642	650	654	654	648	639	616	608	607	627	654	666	664	670	670	639
22	674	669	674	666	673	664	658	658	669	670	669	668	659	639	631	616	602	615	641	653	669	672	674	673	656
23 D	678	667	679	668	650	659	646	653	655	663	664	661	650	646	630	616	603	625	628	629	646	658	664	668	650
24	669	669	673	673	673	676	674	672	675	673	671	662	660	656	636	612	613	626	646	660	670	674	679	676	661
25	678	674	675	677	671	663	671	671	664	669	682	687	678	647	644	624	602	619	638	647	658	669	674	676	661
26	678	680	676	657	642	630	619	642	664	666	671	667	661	644	626	603	599	605	636	651	666	669	664	667	649
27	674	678	678	672	670	674	674	672	674	678	680	674	669	656	640	624	621	621	643	661	673	684	676	678	664
28	684	686	684	684	685	686	687	683	677	677	687	686	682	672	658	643	632	633	655	666	678	689	697	695	675
29	690	684	677	672	656	652	648	647	658	679	688	687	679	669	654	633	630	645	658	669	677	686	696	694	668
30	691	684	682	681	683	687	692	688	695	695	694	695	694	684	672	662	662	663	668	671	682	682	679	678	682
31	673	671	674	674	675	683	685	687	689	690	697	692	683	677	670	660	658	667	674	682	668	681	689	682	679
Mean	668	665	666	661	659	657	659	659	663	664	668	670	667	657	643	627	618	625	640	653	665	671	673	673	657

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 2 Agincourt (D) West

7° + ...'

January 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 D	25.8	14.7	20.6	13.3	35.4	14.9	08.5	13.3	17.4	23.0	21.6	21.3	18.8	17.6	18.5	22.4	22.1	25.1	28.6	30.1	30.8	30.9	29.8	31.8	22.3
2	32.2	24.1	20.3	17.9	15.4	15.9	15.4	16.1	16.0	20.3	20.3	24.3	28.0	20.6	19.4	20.2	21.7	24.4	25.7	24.9	25.4	25.3	24.3	24.4	21.8
3 Q	24.0	22.7	21.7	20.8	19.7	19.9	20.8	20.7	21.0	20.8	20.8	20.7	20.6	18.6	16.9	17.5	20.0	22.2	22.5	23.0	24.9	24.9	23.3	22.7	21.3
4 Q	21.7	20.8	20.6	20.6	20.5	20.6	21.2	20.4	19.4	19.7	19.6	18.8	17.8	15.6	14.0	14.8	18.0	21.5	23.3	23.9	24.6	23.9	22.7	21.2	20.2
5 Q	22.4	21.7	19.8	18.1	18.6	18.8	18.8	18.4	18.0	18.5	18.4	17.9	17.0	15.1	11.9	12.8	17.9	22.9	24.4	24.3	24.2	22.9	22.1	21.5	19.4
6	21.2	20.5	20.6	20.8	19.6	19.8	19.8	18.5	15.7	18.0	18.4	18.5	18.4	16.0	11.6	16.3	18.4	22.3	24.4	25.8	24.7	23.3	22.3	22.1	19.9
7 Q	20.8	20.4	19.5	18.8	18.4	19.7	19.8	19.7	19.8	19.8	19.4	18.8	16.2	14.7	14.0	16.7	20.3	23.6	25.5	25.1	25.1	23.9	22.4	21.4	20.2
8 Q	20.7	19.8	20.1	20.1	20.4	20.3	20.1	19.8	19.8	20.7	19.7	18.4	17.9	15.1	14.9	15.7	20.9	25.5	26.8	25.0	23.6	23.1	22.3	21.6	20.5
9	20.7	19.5	18.9	19.1	18.9	19.9	19.8	19.5	19.5	17.9	17.2	18.5	16.1	13.5	16.7	24.1	25.3	26.4	27.2	28.0	27.4	26.3	26.9	28.4	21.5
10	24.1	21.7	17.6	18.5	19.4	19.3	19.3	20.5	20.0	20.7	19.5	18.8	15.9	12.5	14.8	17.7	22.3	25.2	26.2	25.9	24.1	22.2	21.6	21.3	20.4
11	21.5	20.1	20.7	18.5	18.0	18.5	19.0	18.9	18.5	18.2	20.9	19.5	16.1	12.5	15.4	18.4	22.9	27.5	28.8	28.4	28.1	26.1	23.3	22.6	20.9
12	20.4	19.5	19.7	18.6	18.0	19.3	18.6	17.7	18.5	18.2	17.8	17.0	15.3	12.4	13.5	16.7	22.5	26.7	28.0	27.4	25.3	23.5	24.0	22.7	20.0
13	21.8	20.9	17.5	17.9	17.9	21.3	17.5	17.3	18.5	18.7	17.5	17.2	16.3	13.5	12.6	16.7	23.8	27.9	27.8	30.5	27.7	28.0	27.2	23.8	20.8
14	21.2	19.7	19.8	19.8	19.9	20.0	19.3	18.0	22.5	20.3	16.1	16.3	15.1	13.8	12.1	18.3	27.6	30.6	28.9	26.1	27.5	27.0	27.4	22.2	21.2
15	20.2	19.5	18.6	19.3	19.3	14.0	19.2	17.1	20.8	18.7	17.8	18.6	15.2	18.0	16.9	20.1	24.9	29.2	30.7	29.9	27.2	27.2	24.1	22.4	21.2
16	20.4	19.6	19.5	19.5	19.6	18.5	16.4	18.4	14.7	20.4	19.2	13.9	12.1	09.0	14.3	20.4	26.8	29.9	29.6	28.6	26.8	26.0	25.4	20.3	
17 D	20.9	19.4	19.4	19.0	16.2	17.2	18.0	16.3	19.5	19.8	17.4	19.7	17.2	14.8	13.8	18.5	20.7	25.0	28.7	29.5	28.3	26.7	29.1	27.8	20.9
18 D	28.7	20.4	16.7	16.1	15.1	14.9	16.7	18.9	17.0	14.6	20.4	26.8	13.2	14.6	11.2	21.8	27.1	32.0	32.3	29.7	28.2	26.7	25.1	23.8	21.4
19	22.6	21.3	19.9	19.1	19.2	19.9	19.2	20.2	19.5	18.9	17.6	18.6	17.2	14.4	16.7	18.8	22.2	26.8	26.7	25.0	25.8	25.4	23.6	22.4	21.0
20	21.0	19.5	18.9	19.5	20.4	19.7	18.5	19.4	18.5	15.2	14.3	18.0	17.0	11.7	10.5	17.2	20.7	24.5	27.1	27.3	26.3	25.9	28.0	26.3	20.2
21 D	20.7	11.2	12.5	03.2	08.4	11.4	16.8	14.3	17.8	19.5	18.9	18.4	16.1	13.9	16.1	17.9	21.8	25.7	29.9	30.3	26.3	25.1	24.4	22.8	18.5
22	21.1	19.4	18.9	18.2	18.4	20.4	23.7	22.1	20.4	19.8	19.7	19.5	20.8	28.1	17.6	16.7	21.8	26.3	29.9	29.3	26.6	24.1	23.5	23.0	22.1
23 D	20.9	20.5	19.2	19.2	14.9	15.8	17.6	21.8	17.3	19.4	20.4	17.6	19.7	17.2	13.7	21.1	28.9	28.8	29.8	32.3	27.6	25.1	22.6	20.9	21.3
24	19.6	19.8	20.0	20.1	19.9	20.5	20.0	19.9	19.6	19.1	18.1	20.5	26.7	16.2	17.6	20.5	23.8	28.5	30.0	28.9	26.0	23.6	22.2	21.5	21.8
25	21.7	21.0	17.5	21.2	19.7	19.6	20.9	18.9	15.0	24.2	18.2	15.0	13.7	12.7	26.1	22.7	29.8	32.8	30.1	29.1	26.5	23.7	21.9	20.5	21.8
26	19.6	19.5	20.8	21.4	16.4	16.6	24.7	21.0	17.2	19.5	20.4	19.0	17.3	15.4	16.8	20.4	25.6	30.0	31.4	28.3	26.1	25.3	24.7	22.7	21.7
27	21.9	21.3	20.3	20.9	18.9	20.4	19.9	19.1	19.9	20.4	19.0	18.3	17.1	15.0	14.9	17.7	22.8	27.0	28.8	27.8	25.4	24.2	24.2	21.6	21.1
28	21.0	20.5	20.4	20.0	20.2	20.0	19.6	18.5	16.8	19.9	20.5	18.8	17.5	14.7	15.1	17.7	20.6	25.2	27.3	27.3	25.5	23.1	21.6	20.9	20.5
29	20.5	21.0	21.5	17.6	14.5	15.0	14.5	13.7	14.0	18.2	17.9	17.3	16.3	14.8	15.0	20.5	25.5	28.1	27.5	27.2	24.2	21.8	20.9	20.9	19.5
30	21.0	20.9	20.6	20.4	19.5	18.7	17.7	15.5	16.8	17.1	17.1	18.4	17.7	14.0	15.0	19.0	20.8	24.3	26.2	26.9	25.2	23.5	22.4	21.8	20.0
31	20.8	21.2	20.5	18.3	18.6	16.8	17.2	16.2	17.7	19.6	22.4	19.6	19.6	17.0	17.7	19.3	20.8	22.4	22.6	23.3	22.6	22.7	22.4	22.3	20.1
Mean	22.0	20.0	19.4	18.6	18.7	18.3	18.7	18.3	18.4	19.1	19.0	19.0	17.6	15.4	15.2	18.5	22.6	26.3	27.6	27.4	26.1	24.9	24.1	23.1	20.8

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 3 Agincourt (Z)

56,000 γ +

January 1958

Day	Hour U. T.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
		to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	D	303	267	290	268	223	164	165	181	186	148	165	211	217	217	219	212	219	228	240	252	265	247	242	247	224	
2		271	260	256	240	159	155	190	180	153	117	160	177	188	191	198	190	189	195	202	210	214	217	211	210	197	
3	Q	210	208	207	204	205	204	202	201	201	201	202	201	201	204	204	195	195	200	205	208	206	205	202	201	203	
4	Q	202	202	201	200	200	199	199	198	198	198	199	199	199	201	204	195	195	198	205	203	201	201	199	199	200	
5	Q	198	201	201	201	201	201	199	199	198	198	198	198	198	197	192	183	181	187	192	193	195	198	195	195	196	
6		196	197	195	195	198	195	192	183	183	192	193	193	193	193	184	179	184	189	189	186	190	193	193	195	191	
7	Q	197	195	194	193	194	195	194	194	192	190	189	188	193	194	190	183	188	193	199	200	200	195	193	194	193	
8	Q	195	195	192	192	192	190	188	184	181	183	183	190	194	195	189	183	186	194	198	196	199	198	194	195	191	
9		196	195	193	192	194	195	190	192	189	189	187	187	186	187	187	178	178	186	190	194	199	195	199	218	192	
10		241	247	222	205	201	201	201	200	200	199	198	198	196	195	190	186	193	201	203	206	205	199	199	199	203	
11		198	198	199	199	195	195	198	197	194	193	192	194	196	194	189	190	196	207	210	205	201	198	196	199	197	
12		198	199	202	205	204	201	200	199	200	198	198	195	195	195	193	192	199	206	211	206	206	201	200	201	200	
13		211	216	205	201	199	195	193	198	199	198	195	194	196	195	187	184	187	195	200	202	208	211	206	205	199	
14		201	199	195	195	194	194	192	193	172	154	178	192	195	198	189	190	194	195	193	193	202	205	205	201	192	
15		198	198	195	193	192	178	172	189	198	198	198	199	195	190	186	190	198	212	217	217	211	213	202	200	197	
16		200	199	198	195	195	196	192	199	201	195	194	195	198	199	192	187	188	200	207	214	216	202	205	208	199	
17	D	201	198	195	201	201	193	201	198	191	175	153	171	186	195	192	195	195	204	212	216	223	228	229	233	199	
18	D	250	250	241	231	219	212	210	165	121	086	123	177	153	170	174	176	189	200	205	213	211	210	205	206	192	
19		205	205	205	204	204	199	194	189	193	198	195	195	196	199	200	199	201	211	214	213	208	208	205	204	202	
20		202	201	200	202	201	201	199	195	180	185	190	177	186	190	189	196	198	202	199	201	205	204	205	238	198	
21	D	290	276	270	045	136	197	205	196	200	191	196	207	211	207	201	201	205	214	214	212	204	202	204	204	204	
22		205	202	200	198	191	198	178	174	198	201	201	196	195	182	175	184	193	195	199	207	207	201	198	201	195	
23	D	207	212	210	205	205	195	188	176	198	184	195	199	190	190	186	192	199	208	212	222	223	214	207	205	201	
24		201	199	198	198	195	190	193	195	195	194	193	183	175	175	180	186	194	195	195	199	199	195	194	194	192	
25		195	195	192	194	195	193	187	183	183	156	183	192	193	186	183	181	183	196	201	200	205	204	201	201	191	
26		199	193	195	201	183	199	167	168	198	201	201	201	204	204	201	199	202	210	211	213	213	212	207	212	200	
27		207	201	200	200	202	201	200	199	196	194	193	195	198	199	195	194	195	196	198	201	201	201	200	199	199	
28		196	194	192	191	191	191	189	187	181	180	182	188	192	195	192	191	189	191	195	196	198	195	192	190	191	
29		192	193	192	184	186	190	189	199	196	198	193	193	193	193	191	195	198	204	203	198	198	197	194	192	194	
30		192	192	192	189	184	184	187	186	189	187	187	187	184	184	180	183	180	183	189	195	195	193	192	192	188	
31		192	194	195	192	190	184	184	183	183	183	178	181	187	186	184	183	186	190	192	196	192	192	193	196	188	
Mean		211	209	207	197	194	193	192	190	189	183	187	192	193	194	191	190	193	199	203	205	207	204	202	204	197	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 4 Agincourt

January 1958

Day	Horizontal Intensity						Declination						Vertical Intensity								
	Maximum		Minimum		Range		Maximum		Minimum		Range		Maximum		Minimum		Range				
	15,000 γ +		15,000 γ +				7° W +		7° W +				56,000 γ +		56,000 γ +						
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ			
1 D	23	35	686	05	25	<u>216</u>	<u>470</u>	05	40	<u>74.7</u>	02	43	-7.0	<u>81.7</u>	00	12	<u>348</u>	05	34	-14	362
2	00	21	675	09	03	584	91	00	24	35.4	05	34	6.3	29.1	00	03	276	09	07	79	197
3 Q	14	09	669	16	42	621	48	20	45	26.2	14	42	16.0	<u>10.2</u>	00	08	212	15	56	192	20
4 Q	23	33	687	16	46	618	69	20	07	24.9	15	07	13.3	11.6	18	30	205	16	00	194	<u>11</u>
5 Q	05	50	682	16	44	625	57	01	04	25.2	14	17	11.0	14.2	03	00	203	15	05	178	25
6	13	47	688	16	42	637	51	18	19	26.7	14	35	8.6	18.1	04	20	199	07	45	174	25
7 Q	08	54	685	16	42	629	56	18	58	26.2	13	19	12.7	13.5	20	04	201	15	45	180	21
8 Q	22	56	678	16	38	621	57	17	55	27.4	13	30	13.7	13.7	20	51	199	08	30	180	19
9	21	28	693	17	30	627	66	23	40	29.9	13	35	11.4	18.5	23	50	225	16	02	176	49
10	21	31	687	16	16	614	73	00	01	29.6	13	25	11.7	17.9	01	05	255	15	10	184	71
11	21	02	699	16	16	597	102	18	35	30.4	13	45	9.3	21.1	18	27	213	10	59	185	28
12	21	31	692	16	14	601	91	19	15	29.6	13	39	8.7	20.9	18	20	210	14	49	190	20
13	00	54	693	16	13	601	92	19	15	31.0	14	15	11.6	19.4	01	16	222	15	32	178	44
14	20	16	688	16	11	590	98	17	50	31.8	14	06	10.3	21.5	21	27	214	09	11	147	67
15	21	15	687	16	47	565	122	19	27	32.1	12	43	11.5	20.6	19	31	223	06	04	157	66
16	21	26	704	16	46	605	99	20	02	32.2	15	03	6.7	25.5	201	10	223	15	12	181	42
17 D	20	30	691	16	57	596	95	22	35	32.1	14	08	8.3	23.8	23	50	237	09	41	146	91
18 D	00	06	670	09	40	578	92	00	35	37.0	14	20	3.1	33.9	00	40	270	09	22	58	212
19	22	50	674	16	58	591	83	17	45	29.5	13	53	12.4	17.1	18	41	218	07	33	188	30
20	21	56	<u>714</u>	17	24	613	101	09	13	32.6	14	34	5.7	26.9	23	59	331	08	50	172	159
21 D	00	01	708	03	46	521	187	03	58	55.2	03	18	<u>-17.9</u>	73.1	00	32	331	03	57	<u>-120</u>	<u>451</u>
22	02	42	682	16	22	598	84	13	27	33.1	04	00	13.0	20.1	20	02	213	07	27	163	50
23 D	02	19	681	18	10	597	84	19	28	36.0	14	03	10.7	25.3	20	29	229	07	20	163	66
24	05	25	683	16	13	602	81	12	30	31.0	13	56	13.1	17.9	00	20	202	13	02	171	31
25	11	43	694	17	14	592	102	17	26	34.7	13	16	8.8	25.9	21	00	206	09	38	147	59
26	02	03	682	16	17	593	89	07	03	33.4	04	32	10.9	22.5	23	37	216	07	01	144	72
27	21	38	692	17	16	616	76	18	34	28.9	14	22	14.4	14.5	00	09	211	09	40	190	21
28	23	34	700	17	42	625	75	19	09	28.0	13	25	12.2	15.8	20	15	200	08	49	176	24
29	11	10	698	16	26	623	75	17	20	29.6	08	15	11.6	18.0	18	09	205	03	36	172	33
30	12	35	697	17	05	656	41	19	35	27.1	13	29	11.4	15.7	20	47	197	04	24	177	20
31	10	40	699	16	55	653	46	10	19	25.6	05	47	15.2	10.4	19	09	198	10	43	171	27
Mean			689			594	95			32.5			9.3	23.2			229			151	78
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 5 Agincourt (H)

15,000 γ +

February 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean	
1	673	686	686	689	686	685	687	689	697	689	688	687	686	677	669	669	668	677	681	679	677	674	675	679	681	
2	679	676	677	677	674	679	672	677	684	687	695	684	686	679	679	664	666	671	673	676	674	675	678	680	677	
3 Q	679	679	682	679	678	679	679	684	690	692	689	687	682	686	676	661	656	661	667	671	677	683	684	679	678	
4	673	682	685	686	687	688	687	689	692	692	689	689	690	685	663	648	671	681	675	664	661	670	677	688	680	
5	683	667	656	672	665	659	656	647	658	668	663	658	643	667	664	648	653	668	684	692	669	666	653	673	664	
6 D	675	667	671	664	672	655	647	653	651	668	654	633	648	636	616	600	635	647	658	669	674	674	661	646	653	
7	662	667	670	657	652	652	654	654	646	665	669	656	646	642	627	610	609	647	665	677	669	671	671	670	654	
8	666	664	667	666	666	655	642	649	649	643	655	661	645	630	607	614	643	660	683	685	671	646	670	665	654	
9	662	667	668	660	652	660	655	658	655	659	658	655	645	625	606	595	587	606	637	655	664	657	646	650	645	
10	646	652	659	666	657	654	655	659	660	658	655	653	632	611	607	593	590	601	627	649	662	659	651	652	642	
11 D	672	735	(819	639)	501	511	(110	333	231	308	231	231	308)	407	469	489	503	562	614	613	607	604	614	589	488	
12 D	610	617	624	625	634	621	583	563	624	617	594	624	617	596	578	573	584	569	611	650	636	649	632	637	611	
13	649	642	648	647	645	645	647	646	637	625	638	646	621	622	614	574	572	588	610	626	645	650	650	645	631	
14	657	646	634	643	636	622	628	634	616	641	635	632	640	639	640	608	585	598	615	630	640	647	660	662	633	
15 Q	665	666	666	663	662	662	661	665	667	666	662	660	657	653	650	634	632	643	653	665	677	671	679	676	661	
16	675	677	677	675	676	673	671	671	671	673	673	668	656	640	635	632	650	656	665	672	677	669	681	685	667	
17 D	691	678	682	671	657	643	651	637	640	650	638	641	631	631	666	648	632	640	638	663	661	639	663	657	652	
18 D	668	658	647	631	640	627	631	635	630	636	624	641	632	621	615	601	604	621	635	657	663	651	650	645	636	
19	641	655	659	653	654	636	636	651	652	649	650	636	618	617	622	611	609	625	638	644	664	674	670	670	643	
20	680	661	667	666	667	654	650	655	657	649	649	655	637	616	624	641	626	624	624	624	623	661	651	647	656	647
21	659	659	656	672	641	621	619	588	631	654	656	650	634	598	606	605	603	609	597	638	663	673	664	655	635	
22	667	653	663	666	668	664	667	665	664	662	655	649	645	641	644	634	636	642	659	665	669	682	679	658	658	
23	662	667	657	662	666	667	651	639	637	631	650	649	655	642	621	611	606	630	658	674	686	685	677	675	652	
24 Q	675	677	677	683	680	675	675	670	674	676	671	665	661	655	649	638	632	634	648	665	673	672	676	683	666	
25 Q	687	687	686	684	685	685	688	671	667	675	677	676	672	662	655	645	641	644	660	675	682	692	687	690	674	
26 Q	688	687	684	680	676	682	684	686	684	687	687	684	675	662	652	649	651	659	669	674	682	674	685	688	676	
27	682	691	690	689	688	690	691	693	693	695	695	691	682	665	652	644	638	644	673	678	678	680	681	686	679	
28	687	693	689	687	692	692	690	688	682	687	692	687	689	672	652	640	649	663	672	685	685	687	695	692	681	
29																										
30																										
31																										
Mean	668	670	673	666	659	656	638	645	644	650	646	645	641	635	630	621	623	635	650	661	666	665	666	665	651	

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 6 Agincourt (D) West

7° + ...'

February 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	20.7	20.7	20.1	19.6	19.0	19.6	19.8	19.9	18.2	15.2	17.1	17.8	20.6	18.8	19.9	21.9	23.6	23.6	23.5	21.9	20.8	21.8	22.9	21.9	20.4
2	19.6	21.4	19.8	19.1	18.6	16.0	13.5	15.8	17.7	19.4	19.6	15.6	16.5	16.3	20.4	19.9	20.1	21.6	23.1	21.5	20.0	20.6	21.6	21.7	19.1
3 Q	21.4	20.6	20.4	20.0	20.5	20.0	19.4	20.0	19.9	19.1	18.5	17.7	18.6	20.5	19.6	20.0	22.4	23.6	24.1	22.5	20.9	21.7	21.6	21.6	20.6
4	21.3	20.4	20.0	19.9	19.8	19.6	19.6	19.0	18.6	18.6	18.1	21.1	18.5	12.8	14.7	20.4	23.3	22.4	20.8	28.1	28.8	26.4	24.1	26.6	21.0
5	28.8	25.1	21.9	17.8	21.1	17.9	13.7	15.4	19.0	16.0	10.6	13.2	20.7	20.6	16.3	20.8	26.9	28.7	26.5	25.2	23.8	26.4	27.2	25.5	21.2
6 D	23.0	21.7	20.5	19.6	19.0	15.3	15.6	17.7	20.8	15.9	11.9	18.9	18.0	15.6	21.9	26.9	32.6	29.4	26.2	23.2	21.9	23.3	22.7	19.6	20.9
7	22.0	22.7	17.2	16.2	18.7	20.2	20.0	15.4	17.3	20.1	15.1	11.1	17.6	15.6	16.4	23.1	28.9	28.9	27.9	25.5	20.3	19.7	22.4	20.3	20.1
8	18.2	16.4	20.8	12.4	15.3	17.3	19.7	18.0	13.6	05.6	15.1	16.9	15.0	15.3	17.9	27.4	30.2	27.7	27.6	24.3	24.8	26.0	23.2	24.1	19.7
9	20.1	19.6	21.8	19.4	21.7	18.3	18.0	17.4	15.6	16.5	16.4	17.8	17.4	15.1	17.4	22.7	30.2	33.5	30.4	24.5	22.9	24.5	26.1	25.7	21.3
10	17.5	15.6	15.6	22.0	19.9	16.8	17.9	18.2	17.8	17.7	18.8	18.2	15.9	18.2	22.5	26.3	25.6	24.6	27.0	27.4	23.4	21.9	23.6	22.4	20.6
11 D	19.7	14.7	56.3	67.2	52.8	72.0	110.3	35.3	23.9	18.4	29.4	22.0	01.9	26.4	16.1	30.4	24.4	23.8	28.3	32.7	33.9	27.0	28.3	30.0	29.8
12 D	24.2	25.5	19.7	19.3	26.1	27.3	32.7	41.0	23.4	19.0	22.6	23.2	19.5	16.3	19.6	24.0	22.0	18.8	11.6	18.8	23.3	23.4	23.6	22.6	22.8
13	20.6	20.0	21.3	21.4	21.7	22.1	21.9	20.4	20.0	29.5	21.5	17.1	21.4	20.5	16.3	20.5	26.0	30.8	30.1	29.0	26.6	25.5	24.2	25.3	23.1
14	22.7	21.3	19.1	18.5	19.9	18.1	16.0	19.0	19.7	14.6	11.0	14.4	15.8	17.5	21.9	22.0	22.8	25.2	28.3	25.5	25.6	25.0	24.0	23.3	20.5
15 Q	22.3	21.7	21.8	21.5	20.9	20.9	19.9	19.7	19.7	19.0	20.1	20.7	17.4	15.9	17.8	20.3	22.8	23.3	23.2	22.4	21.9	22.0	23.2	22.5	20.9
16	20.7	20.1	20.2	19.9	20.2	19.6	20.5	18.8	17.7	16.9	16.4	17.0	18.0	19.3	22.3	26.2	27.0	27.0	25.5	24.9	22.6	22.4	22.9	22.9	21.2
17 D	21.5	22.6	20.5	20.6	16.3	17.4	17.0	14.4	13.7	12.8	11.7	11.1	19.9	23.7	24.4	24.4	21.0	26.1	26.1	23.7	24.5	23.3	26.6	23.8	20.3
18 D	19.7	17.8	20.6	18.6	17.4	26.1	23.3	16.9	13.7	15.1	21.3	12.9	11.2	18.7	20.9	23.1	27.0	27.8	27.4	23.8	23.2	22.0	22.4	22.0	20.5
19	15.1	17.8	20.1	20.8	19.8	19.1	25.5	18.4	19.5	17.5	17.3	16.0	16.7	19.1	18.7	21.3	26.2	28.9	28.9	28.6	26.6	24.5	23.6	20.0	21.3
20	26.3	21.9	19.9	20.2	15.5	19.0	20.1	19.2	19.7	16.7	19.6	15.2	12.7	15.4	24.2	24.4	25.2	27.9	28.6	31.8	33.3	29.8	26.9	23.1	22.4
21	20.7	20.1	19.1	16.0	16.5	18.4	15.3	22.5	22.4	15.3	13.6	13.7	15.8	12.2	15.3	15.7	20.7	25.8	30.3	30.7	29.8	27.9	24.9	24.2	20.3
22	21.3	12.7	07.3	18.4	19.7	17.0	17.3	18.0	18.2	19.3	20.1	19.6	17.3	18.0	17.1	19.1	23.3	25.2	27.1	26.4	26.2	25.2	25.4	25.5	20.2
23	24.3	17.2	12.8	13.7	17.4	20.5	20.4	20.1	18.1	20.8	20.0	24.3	17.9	15.3	17.0	21.7	22.6	27.7	28.3	27.7	25.3	21.8	22.8	23.6	20.9
24 Q	21.9	20.7	20.6	16.3	16.8	19.7	19.6	19.0	20.9	18.4	15.7	16.3	13.6	15.1	14.2	17.0	20.1	22.7	23.8	24.3	24.2	23.8	23.4	22.7	19.6
25 Q	22.3	21.6	20.9	20.3	20.1	20.5	17.3	17.2	17.8	19.0	15.7	14.4	14.0	15.7	16.8	19.0	21.4	23.8	25.5	25.5	24.6	22.7	21.8	21.3	20.0
26 Q	21.1	21.4	20.2	19.2	18.5	19.1	19.0	16.2	16.9	15.9	16.4	16.1	15.1	14.4	16.3	19.1	21.3	22.9	23.7	22.9	21.8	21.1	22.1	22.1	19.3
27	21.5	20.3	21.2	20.3	19.1	19.5	19.0	18.7	18.0	18.2	16.9	16.3	14.2	14.3	15.0	17.4	21.4	25.1	25.5	26.0	24.9	23.3	22.7	23.3	20.1
28	21.3	20.8	20.3	20.8	19.6	19.5	18.7	18.1	15.0	18.1	12.4	21.3	24.5	14.0	19.7	21.8	26.4	27.1	25.4	23.5	21.8	21.6	21.7	21.8	20.6
29																									
30																									
31																									
Mean	21.4	20.1	16.7	20.7	20.4	21.3	22.5	19.6	18.5	17.4	17.3	17.1	16.6	17.2	18.6	22.0	24.5	25.8	25.8	25.5	24.6	23.7	23.8	23.2	21.0

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 7 Agincourt (Z)

56,000 γ +

February 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	196	192	190	190	189	190	190	187	175	174	180	183	181	178	178	178	183	183	187	189	189	187	188	190	185
2	191	192	192	190	189	178	176	186	185	183	162	169	175	178	177	175	177	175	177	183	187	184	183	185	181
3 Q	186	186	186	184	184	186	185	184	182	182	182	183	183	179	174	174	178	180	186	187	182	180	184	184	183
4	189	189	186	184	184	184	183	183	183	183	182	181	172	172	165	177	180	187	187	198	210	208	207	209	187
5	219	236	253	244	230	208	204	205	177	186	174	186	166	173	169	171	181	188	191	198	219	229	219	229	202
6 D	171	181	240	223	209	210	210	205	188	195	184	175	186	177	181	186	199	196	206	210	205	205	214	222	199
7	217	219	210	210	214	196	193	203	192	189	190	170	186	192	182	178	187	192	199	207	222	213	205	210	199
8	213	215	217	201	183	190	195	183	174	135	180	189	186	190	196	202	195	202	201	202	207	217	215	219	196
9	210	208	204	199	193	202	202	201	198	198	195	195	195	194	190	190	198	205	216	228	231	225	219	223	205
10	224	213	216	213	212	208	207	205	201	199	198	196	194	193	188	193	208	250	261	278	288	274	271	256	223
11 D	243	220	(017	-076	084)	079	129	(026)	277	142	159	084	168	178	251	283	281	273	268	282	272	254	271	261	182
12 D	277	262	274	251	252	238	188	122	213	195	190	214	214	224	224	226	223	243	314	285	246	234	222	225	231
13	228	223	221	217	216	214	213	213	208	184	193	202	204	211	201	211	227	226	228	236	244	238	230	229	217
14	225	229	232	217	180	175	201	196	163	167	179	193	202	195	197	191	205	224	216	214	213	211	211	211	202
15 Q	211	210	208	210	210	209	208	208	207	204	201	202	202	204	199	199	201	201	200	201	205	204	202	200	204
16	201	202	201	201	200	200	199	200	201	201	198	195	197	194	189	190	187	190	190	192	199	199	198	197	197
17 D	195	199	203	213	242	240	238	217	204	194	178	182	185	171	171	182	186	201	204	214	223	220	217	217	204
18 D	222	219	225	222	223	195	160	181	199	192	142	168	177	190	190	190	199	204	216	238	231	228	235	229	203
19	232	219	217	216	213	172	177	192	205	202	199	193	193	202	205	201	204	207	213	210	212	217	218	224	206
20	232	237	224	219	210	205	211	202	205	204	199	198	196	189	184	182	188	196	200	211	240	261	246	225	211
21	217	211	220	198	184	165	160	133	166	189	195	198	196	183	188	192	196	195	208	240	240	199	195	225	196
22	219	232	213	216	201	182	184	195	198	196	196	180	181	193	195	190	189	190	202	210	210	211	217	246	202
23	243	212	205	204	202	186	183	147	150	151	170	181	194	193	192	196	199	205	213	216	222	216	211	210	196
24 Q	210	207	205	199	196	199	199	198	195	189	177	182	192	196	195	190	195	194	198	201	199	196	195	195	196
25 Q	195	195	195	195	195	186	186	170	183	191	187	190	190	190	185	181	177	183	189	193	195	195	193	196	189
26 Q	195	195	193	192	189	189	180	183	192	192	190	192	193	192	188	180	180	180	183	188	193	193	194	194	189
27	193	194	193	194	192	193	190	189	187	188	184	189	193	193	188	184	183	188	193	198	202	207	202	201	192
28	199	196	195	201	201	199	195	184	180	189	184	177	171	177	183	184	189	198	199	199	195	194	199	199	191
29																									
30																									
31																									
Mean	213	210	205	197	199	192	191	180	192	186	184	184	188	189	190	192	196	202	209	215	217	214	213	215	199

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 8 Agincourt

February 1958

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range γ	Maximum 7° W +		Minimum 7° W +		Range '	Maximum 56,000 γ +		Minimum 56,000 γ +		Range γ
	h. m.	γ	h. m.	γ		h. m.	'	h. m.	'		h. m.	γ	h. m.	γ	
1	08 18	699	00 04	664	35	16 10	24.5	09 19	14.4	10.1	00 15	199	08 40	169	30
2	10 17	704	15 33	661	43	18 12	23.5	11 05	11.6	11.9	01 28	194	10 46	150	44
3 Q	09 27	693	16 20	656	37	18 25	24.5	12 18	15.9	8.6	19 25	188	14 35	172	16
4	23 54	702	15 06	641	61	20 07	30.9	13 20	7.6	23.3	23 55	216	14 41	160	56
5	19 50	709	16 20	628	81	23 58	31.6	10 23	7.8	23.8	02 20	261	12 52	147	114
6 D	04 18	694	15 44	571	123	16 05	38.2	10 16	9.4	28.8	01 21	259	11 56	158	101
7	19 33	684	16 10	593	91	16 50	32.0	11 17	6.7	25.3	02 00	231	11 47	160	71
8	19 50	700	15 16	588	112	15 50	32.6	09 16	-0.1	32.7	23 00	224	09 22	120	104
9	00 59	696	16 01	581	115	17 35	34.4	13 15	13.8	20.6	20 28	236	01 00	178	58
10	19 50	676	17 03	582	94	19 08	28.6	02 00	10.4	18.2	19 55	298	15 04	186	112
11 D	(02 53	949	06 45	-278	1227)	(06 45	138.1)	02 40	-100.7	(238.8)	06 40	865	(07 40	-518)	(1383)
12 D	21 23	717	07 05	432	285	07 10	67.2	18 35	2.3	64.9	18 32	351	07 03	-213	564
13	00 25	660	16 23	565	95	09 12	33.8	14 33	13.5	20.3	20 26	245	09 53	174	71
14	22 52	665	16 51	571	94	18 12	30.1	05 35	10.0	20.1	01 59	235	08 30	144	91
15 Q	20 38	694	16 08	619	75	17 15	24.2	13 34	12.3	11.9	20 37	212	15 08	195	17
16	20 53	708	15 15	622	86	16 15	31.0	10 55	15.7	15.3	20 52	212	16 53	180	32
17 D	01 07	703	13 25	602	101	14 17	31.6	11 51	6.7	24.9	05 30	281	14 19	161	120
18 D	01 01	698	15 51	591	107	05 43	34.5	12 12	7.1	27.4	19 37	252	10 47	124	128
19	21 28	682	06 19	598	84	06 11	32.9	00 40	7.6	25.3	00 26	249	06 17	156	93
20	00 35	691	14 02	597	94	20 52	37.5	04 35	9.6	27.9	22 06	267	15 08	180	87
21	21 47	701	07 36	563	138	19 11	32.7	03 11	6.1	26.6	21 50	295	07 35	107	188
22	21 54	695	15 32	627	68	18 45	28.1	01 08	-3.8	31.9	23 53	256	05 54	165	91
23	20 56	698	16 05	600	98	18 09	29.1	01 30	1.2	27.9	00 09	252	08 28	130	122
24 Q	03 38	695	17 36	630	65	20 04	24.9	04 05	12.4	12.5	00 04	211	10 22	172	39
25 Q	06 12	698	17 07	639	59	19 13	26.1	12 31	13.2	12.9	23 05	198	06 24	165	33
26 Q	23 28	693	16 19	647	46	18 40	24.0	12 52	13.4	10.6	00 17	196	06 53	170	26
27	21 20	698	17 14	636	62	19 34	26.8	13 01	12.6	14.2	21 20	211	16 25	181	30
28	22 17	705	15 51	631	74	12 02	31.7	13 40	9.2	22.5	18 55	204	12 47	167	37
29															
30															
31															
Mean		704		574	130		35.2		5.2	30.0		261		123	138
No. days		28		28	28		28		28	28		28		28	28

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 9 Agincourt (H)

15,000 γ +

March 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 Q	687	679	684	687	690	687	687	688	687	687	684	680	671	664	655	644	636	641	649	660	670	675	679	681	673
2 Q	684	686	686	687	690	684	673	666	676	678	679	680	675	661	649	640	639	646	658	673	680	683	684	684	673
3	687	689	687	691	686	681	689	681	681	691	693	694	690	667	655	649	655	655	661	701	686	708	681	681	681
4	671	690	733	658	645	648	648	653	640	642	648	650	640	635	641	643	630	630	645	664	670	682	694	680	658
5 D	664	684	684	679	666	666	568	613	567	578	642	648	649	648	642	639	648	644	663	690	683	686	674	654	649
6	664	647	650	639	655	651	618	652	666	667	659	623	628	635	614	610	618	628	648	669	681	675	664	671	647
7	663	666	676	664	627	654	661	649	644	664	674	665	645	634	626	613	592	610	630	650	657	650	662	664	649
8	664	648	646	644	648	649	646	650	623	650	654	645	648	629	619	617	615	617	630	654	670	666	679	683	646
9	678	654	645	669	666	649	633	655	654	643	658	648	655	638	619	613	628	633	648	662	666	674	676	683	652
10	684	659	664	669	670	664	668	669	674	664	658	655	649	640	627	627	625	625	638	658	674	669	671	681	658
11	674	671	679	679	677	676	676	679	679	679	675	663	644	643	638	607	581	599	613	629	665	670	676	686	657
12 D	740	796	837	705	680	605	504	369	511	603	618	642	639	635	602	609	602	593	624	654	666	666	654	647	633
13 D	643	634	626	620	609	578	578	466	535	560	520	613	536	528	535	551	587	579	612	632	642	647	654	660	590
14	663	664	663	661	660	663	659	660	662	662	657	654	668	667	649	623	654	661	648	665	677	675	672	686	661
15	690	690	692	689	673	660	655	662	660	659	639	624	627	622	633	635	629	660	650	665	665	666	666	672	658
16 Q	674	656	665	678	660	667	663	662	664	668	668	664	658	649	638	628	632	640	657	668	688	695	676	680	663
17	677	680	679	682	682	682	677	652	578	632	670	655	637	624	637	649	644	655	652	671	672	662	667	672	658
18	680	686	675	668	670	669	644	637	662	645	649	662	651	637	629	600	624	645	666	691	733	688	655	660	659
19 D	667	662	670	665	647	644	636	671	673	670	657	630	616	621	582	588	586	629	659	675	707	675	717	682	651
20 D	636	642	660	656	660	660	665	671	654	661	651	666	655	638	614	624	618	634	650	663	688	700	683	663	655
21	654	662	667	647	644	667	669	663	655	662	660	673	667	641	604	596	599	622	635	660	675	682	718	686	655
22	675	659	644	647	655	658	660	661	660	661	663	657	642	619	609	612	609	613	626	639	663	688	696	684	650
23	663	663	663	665	652	651	647	649	655	650	653	659	652	632	616	612	602	614	637	671	711	701	679	682	653
24	677	662	675	676	669	660	659	672	670	655	649	657	665	647	619	586	571	611	629	652	680	708	693	683	655
25	660	642	662	663	667	663	644	626	656	672	670	662	656	640	619	632	594	670	682	693	700	701	697	692	661
26	700	698	682	685	680	677	688	687	683	688	689	670	677	657	612	597	599	632	645	650	647	682	683	691	667
27	680	685	683	680	680	680	685	688	674	654	673	682	677	660	649	623	607	626	653	660	682	705	693	689	670
28 Q	687	692	684	682	684	681	684	687	681	684	684	681	673	664	649	638	621	615	638	652	669	690	688	681	670
29 Q	694	689	681	679	679	677	682	690	693	691	689	688	682	675	662	644	628	637	659	679	691	707	704	699	679
30	698	699	696	697	694	697	694	698	684	679	684	696	659	618	616	617	603	633	639	656	652	674	693	673	669
31	682	671	681	675	676	676	668	667	668	661	648	648	653	647	639	626	662	670	689	708	712	709	709	704	673
Mean	676	674	678	671	666	662	652	648	651	657	659	659	652	639	626	619	617	631	646	665	678	683	682	679	657

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 10 Agincourt (D) West

7° + ...'

March 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 Q	21.6	20.9	20.9	21.0	20.7	20.0	19.8	19.3	18.4	17.9	17.3	16.4	14.9	14.0	16.1	20.1	25.1	27.6	29.2	28.3	25.8	23.8	21.6	20.1	20.9
2 Q	20.8	20.7	21.0	21.0	20.4	19.3	18.7	18.9	17.0	16.1	14.3	15.1	13.1	12.9	14.9	19.4	23.6	25.5	26.2	25.1	23.3	21.7	20.4	20.3	19.6
3	21.0	21.3	21.1	21.0	20.7	19.8	20.0	15.5	16.2	19.1	18.8	16.4	13.2	09.6	13.7	15.8	23.7	25.6	37.6	28.6	29.1	25.5	26.5	30.4	21.0
4	30.2	27.1	20.2	13.4	15.5	18.8	12.5	14.4	14.2	14.3	15.6	13.8	14.2	21.9	23.4	24.8	27.5	31.2	31.2	29.8	25.8	22.0	24.0	24.8	21.3
5 D	22.0	23.5	21.7	17.3	16.2	13.4	13.4	14.5	10.8	13.4	14.5	10.7	08.3	11.6	18.2	22.1	26.7	29.0	28.7	26.2	23.8	22.6	23.5	21.7	18.8
6	21.5	09.8	07.2	14.3	17.9	23.4	29.0	20.0	16.4	17.0	14.3	21.0	21.0	17.3	19.2	23.5	25.8	27.3	28.0	25.8	24.4	23.8	22.0	23.4	20.6
7	22.2	18.0	19.9	18.0	22.6	21.8	17.0	22.0	20.7	21.7	16.4	12.6	15.4	17.3	14.2	17.4	19.8	25.6	28.1	29.0	30.2	28.3	26.2	23.4	21.1
8	21.1	15.5	16.7	16.4	13.7	16.4	18.2	18.1	27.1	19.8	18.1	18.9	14.2	11.5	14.2	17.8	20.8	25.3	27.6	27.5	27.2	27.1	25.6	25.7	20.2
9	26.4	21.0	21.4	21.6	19.8	17.9	15.2	14.8	15.4	21.5	18.5	15.2	16.4	11.0	14.1	21.0	23.5	25.4	26.5	26.2	24.7	23.8	23.4	22.1	20.3
10	22.6	18.2	21.0	20.7	15.5	19.1	18.7	18.3	18.9	19.8	18.8	16.3	11.6	15.3	15.5	22.8	24.0	27.1	30.2	29.0	26.7	27.2	27.1	24.7	21.2
11	25.4	22.5	21.1	20.2	19.7	19.9	19.8	19.8	19.1	18.4	17.9	15.2	17.2	18.0	15.3	16.5	23.5	31.1	30.4	31.1	29.0	28.2	26.0	25.7	22.1
12 D	28.3	16.4	22.8	08.8	11.0	13.6	23.5	30.2	14.1	11.8	22.6	22.8	19.8	19.2	22.9	27.3	28.0	30.9	30.6	25.6	24.4	21.5	19.8	21.7	
13 D	17.3	18.2	15.5	14.0	11.4	07.2	15.4	16.2	22.7	19.8	19.8	24.6	29.0	30.4	29.1	31.4	31.7	32.6	34.4	29.4	27.4	24.7	23.8	23.8	22.9
14	23.4	22.0	22.6	21.8	21.6	21.0	20.4	20.0	19.7	19.4	19.7	18.7	19.7	16.1	11.8	19.4	31.7	28.1	29.2	28.8	27.5	26.2	24.6	24.6	22.4
15	24.4	23.6	22.7	22.4	19.9	18.9	16.9	18.8	24.4	13.6	13.6	17.1	16.7	17.9	20.4	23.4	29.5	29.8	29.6	26.0	23.4	22.0	20.8	21.2	21.6
16 Q	21.6	18.5	21.1	17.4	17.0	19.3	18.8	17.7	15.2	15.3	16.4	15.2	13.2	12.6	13.8	19.1	22.7	25.5	27.3	27.2	25.5	25.5	26.5	25.6	19.9
17	23.4	19.9	21.0	21.7	20.8	19.0	19.2	13.9	11.5	20.5	08.3	09.0	11.5	15.8	23.1	25.2	27.6	29.1	29.9	29.0	25.2	23.8	21.6	21.5	20.5
18	20.6	20.8	15.2	16.1	21.0	18.3	18.9	16.1	15.9	11.1	12.2	12.8	11.9	19.2	18.3	18.1	31.1	28.5	31.2	31.2	31.0	27.2	24.7	26.5	20.7
19 D	24.5	20.8	19.1	10.6	14.2	14.1	19.2	15.4	17.0	16.7	15.6	18.6	23.7	19.7	18.7	28.7	34.8	36.2	34.0	33.4	28.7	24.6	25.8	16.2	22.1
20 D	15.8	16.6	17.5	09.0	15.4	17.3	18.3	19.9	20.7	19.0	18.7	17.4	10.2	10.5	16.9	23.7	28.0	31.6	32.2	32.1	32.9	27.1	27.9	26.3	21.0
21	17.3	18.2	18.2	13.6	23.2	21.0	18.7	21.8	24.7	19.0	22.9	14.8	11.9	10.1	13.7	19.4	24.4	28.6	32.8	33.3	30.9	31.2	30.9	28.4	22.0
22	14.3	13.7	16.4	09.4	17.3	19.0	21.6	21.9	22.0	20.7	19.4	17.4	14.1	12.9	15.1	18.6	22.0	27.6	30.9	31.5	29.9	27.3	23.3	19.1	20.2
23	20.1	21.8	18.9	20.7	13.7	16.3	16.7	21.8	14.3	15.2	18.9	18.4	12.3	11.0	14.4	18.2	23.8	31.5	33.9	30.2	25.8	25.4	24.0	23.8	20.5
24	26.2	21.1	18.3	17.6	23.4	17.4	14.8	20.5	18.6	12.7	14.5	17.3	15.4	08.2	11.7	19.0	22.9	24.1	30.1	33.6	29.8	24.8	25.6	26.4	20.6
25	19.5	16.7	16.0	17.2	18.5	17.4	14.2	20.4	19.9	17.9	18.4	22.1	22.8	23.3	25.0	19.8	18.3	31.1	29.1	29.0	27.4	25.8	24.6	22.8	21.6
26	20.7	21.1	21.2	20.9	21.0	18.5	18.4	18.7	17.0	17.9	18.8	25.6	15.8	08.6	07.2	19.1	25.3	32.9	28.3	29.6	31.8	28.0	24.1	21.4	21.3
27	10.6	17.3	20.1	20.7	19.9	18.5	18.9	21.3	20.1	17.9	17.9	15.1	13.9	13.3	13.6	16.3	21.7	25.8	26.7	28.1	27.2	25.5	24.4	23.1	19.9
28 Q	22.5	21.5	19.7	16.5	21.6	20.5	20.4	20.1	20.4	19.5	17.0	14.7	12.4	11.3	13.2	16.0	17.0	26.2	26.7	27.7	27.5	26.2	25.1	23.8	20.3
29 Q	17.4	18.2	19.2	19.3	19.0	23.7	19.6	17.9	17.5	17.5	17.7	16.4	14.1	12.4	12.2	15.1	18.6	25.2	28.4	27.6	26.8	24.9	23.5	23.4	19.8
30	22.2	21.3	20.9	20.0	20.0	19.4	18.3	17.8	22.7	10.1	12.9	12.5	13.3	11.8	24.4	31.8	27.4	37.5	35.8	30.0	28.9	25.0	19.5	20.3	21.8
31	22.0	24.2	24.5	20.7	20.5	15.2	15.1	16.4	14.1	14.3	11.5	11.8	09.9	10.7	13.3	18.8	25.0	26.1	29.4	28.3	24.8	23.7	22.7	21.7	19.4
Mean	21.5	19.7	19.5	17.5	18.5	18.2	18.4	18.8	18.3	17.1	16.8	16.6	15.2	14.7	16.7	21.0	25.0	28.7	29.9	29.0	27.4	25.4	24.2	23.3	20.9

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt (Z)

56,000 γ +

March 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1 Q	202	204	201	199	196	195	193	195	194	194	193	193	195	191	183	183	188	195	199	198	199	202	201	203	196	
2 Q	199	198	194	193	192	192	177	184	189	193	187	188	193	196	196	193	193	193	195	198	200	195	192	193	193	
3	195	192	192	191	190	189	187	186	185	184	175	180	171	174	177	175	183	183	192	208	216	249	226	276	195	
4	291	304	318	219	218	213	226	199	187	193	187	177	184	198	186	186	191	204	214	216	221	224	224	222	217	
5 D	223	225	230	225	214	204	105	034	151	148	178	180	186	196	204	200	199	198	204	210	218	222	234	228	192	
6	223	213	150	187	214	181	128	169	192	202	194	174	170	177	184	193	204	205	207	225	232	240	222	213	196	
7	214	211	210	196	180	190	187	166	165	181	196	198	192	196	196	190	193	208	214	217	226	225	214	213	199	
8	224	223	213	178	198	189	168	181	145	163	178	184	195	196	198	199	200	201	202	204	210	214	214	215	196	
9	224	236	231	213	200	171	139	178	190	170	153	175	196	196	189	187	189	192	199	205	214	208	204	201	194	
10	201	213	217	214	204	202	201	198	196	174	163	157	175	186	186	190	186	199	217	218	220	210	205	214	198	
11	234	220	207	201	199	198	197	196	196	196	195	197	188	180	180	176	186	201	214	232	250	243	249	276	209	
12 D	343	336	266	238	276	195	146	093	108	173	189	172	180	180	192	199	202	222	241	253	258	255	250	238	217	
13 D	229	223	212	199	195	100	111	050	049	-002	064	099	141	142	170	220	230	240	253	266	231	219	213	211	169	
14	219	217	216	210	207	208	208	207	206	205	204	201	199	183	178	186	208	199	201	204	205	202	198	199	203	
15	198	199	202	204	213	199	199	201	159	165	180	171	162	161	168	187	199	216	207	200	202	202	201	205	192	
16 Q	212	232	244	217	192	205	210	202	196	202	202	201	198	192	189	181	174	182	189	189	194	205	213	213	202	
17	216	209	204	200	198	182	160	169	085	084	168	174	187	178	171	160	170	186	204	233	235	208	199	196	182	
18	198	199	205	214	213	200	169	141	180	170	176	192	193	186	184	180	201	207	219	253	294	272	235	219	204	
19 D	234	243	250	206	193	189	135	181	207	204	200	183	144	136	148	160	184	188	202	201	237	265	292	309	204	
20 D	262	250	229	223	211	199	193	198	183	189	181	196	193	192	193	196	200	207	208	216	238	264	264	260	214	
21	247	241	235	210	189	196	195	178	169	175	175	193	204	208	213	206	218	224	231	246	235	230	268	280	215	
22	249	267	276	218	199	201	204	202	205	205	207	210	210	206	200	199	201	208	214	214	218	228	240	241	218	
23	229	229	231	211	199	198	205	180	166	179	184	177	187	193	188	178	187	198	211	228	252	246	220	220	204	
24	231	223	208	210	175	162	174	168	164	153	163	184	184	193	190	189	192	231	225	225	247	259	244	277	203	
25	264	254	199	210	205	194	162	133	165	189	193	187	183	176	178	172	193	199	187	184	187	193	193	199	192	
26	205	214	219	205	194	186	192	184	186	187	189	168	159	174	174	178	187	195	204	213	213	228	227	227	196	
27	240	213	206	201	198	198	195	186	162	156	178	192	194	192	184	172	177	187	200	210	210	217	228	215	196	
28 Q	202	199	204	203	198	196	194	192	175	170	186	195	199	200	196	192	189	202	200	200	201	205	212	207	197	
29 Q	207	199	204	204	201	185	188	193	193	190	193	192	189	189	187	180	179	186	184	189	189	192	193	195	192	
30	190	190	191	192	193	193	190	186	132	126	177	188	177	190	190	193	200	225	226	240	241	254	257	222	196	
31	214	213	211	212	212	201	194	205	202	192	188	186	188	192	187	186	187	189	200	204	214	214	220	220	201	
Mean	226	226	219	207	202	191	178	172	170	171	180	183	184	186	186	187	193	202	209	216	223	225	224	226	199	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 12 Agincourt

March 1958

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range γ	Maximum 7° W +		Minimum 7° W +		Range '	Maximum 56,000 γ +		Minimum 56,000 γ +		Range γ
	h. m.	γ	h. m.	γ		h. m.	'	h. m.	'		h. m.	γ	h. m.	γ	
1 Q	00 05	695	17 00	635	60	18 25	29.8	13 53	13.6	16.2	00 55	207	14 55	180	27
2 Q	05 57	692	15 53	636	56	18 13	26.4	12 39	11.0	15.4	00 02	201	06 34	164	37
3	19 08	739	15 57	630	109	23 08	38.3	12 53	7.3	31.0	23 45	312	12 20	163	149
4	02 48	771	16 55	618	153	00 40	33.3	03 07	3.5	29.8	02 34	349	11 31	169	180
5 D	07 14	783	06 56	420	363	17 47	31.2	08 00	2.4	28.8	22 31	243	07 05	-27	270
6	21 06	695	06 33	573	122	06 07	35.8	02 07	-18.2	54.0	21 42	249	06 19	93	156
7	03 37	689	16 27	530	159	20 27	31.7	03 59	5.9	25.8	20 40	231	07 13	148	83
8	23 07	690	08 25	594	96	08 29	30.9	03 45	4.6	26.3	02 38	235	08 24	120	115
9	23 56	688	15 45	605	83	01 11	28.1	13 54	8.7	19.4	01 29	256	06 21	131	125
10	00 20	689	14 56	613	76	18 41	32.8	04 29	6.1	26.7	20 47	224	11 03	154	70
11	22 57	713	16 26	573	140	23 07	34.8	15 00	12.9	21.9	23 59	299	15 06	174	125
12 D	03 03	1048	07 12	96	952	07 17	76.2	03 10	-28.7	104.9	02 00	470	07 10	-54	524
13 D	23 59	666	07 50	375	291	07 50	44.1	05 13	-1.2	45.3	19 10	278	09 23	-30	308
14	12 13	720	15 48	579	141	16 15	34.7	12 20	2.6	32.1	12 12	230	14 45	163	67
15	03 02	708	13 19	604	104	17 28	32.0	13 17	8.7	23.3	17 28	220	09 01	108	112
16 Q	21 13	707	15 47	622	85	17 04	28.0	01 48	1.7	26.3	01 45	253	16 51	174	79
17	05 55	704	08 49	535	169	09 06	38.6	11 10	5.8	32.8	20 05	259	09 15	41	218
18	20 07	754	15 45	578	176	16 34	35.8	07 25	7.0	28.8	20 55	301	07 35	117	184
19 D	20 25	736	14 45	557	179	17 06	40.2	03 52	-11.6	51.8	23 31	345	06 09	94	251
20 D	21 22	710	14 30	601	109	20 38	35.5	03 19	-1.9	37.4	00 02	307	08 29	163	144
21	22 27	788	16 02	565	223	19 02	34.8	13 51	3.8	31.0	23 27	299	08 22	150	149
22	23 30	706	17 19	604	102	19 30	31.8	03 17	-9.7	41.5	02 01	32	03 49	182	139
23	20 38	736	16 05	596	140	18 29	35.7	13 06	9.3	26.4	20 35	267	08 05	152	115
24	21 28	728	16 30	564	164	04 46	38.2	13 29	6.4	31.8	23 59	320	05 06	118	202
25	22 54	726	16 51	573	153	17 02	34.5	01 33	-3.2	37.7	00 06	321	07 54	109	212
26	01 02	716	16 01	571	145	17 16	35.4	14 50	5.9	29.5	21 50	240	12 12	148	92
27	21 07	721	16 11	591	130	19 45	29.9	00 28	6.5	23.4	00 18	258	08 56	148	110
28 Q	22 08	703	16 50	606	97	17 40	30.3	13 47	9.7	20.6	22 30	214	08 55	159	55
29 Q	22 02	722	16 53	622	100	18 25	30.4	00 57	10.9	19.5	00 40	211	05 10	170	41
30	21 45	720	15 24	578	142	17 19	40.4	09 48	4.8	35.6	21 50	278	08 59	81	197
31	21 53	730	15 25	610	120	18 42	30.2	05 46	6.6	23.6	23 37	225	06 10	175	50
Mean		729		563	166		35.1		2.9	32.2		272		124	148
No. days		31		31	31		31		31	31		31		31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 13 Agincourt (H)

15,000 γ +

April 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	696	694	681	679	677	667	665	672	665	664	671	667	656	652	631	648	658	672	693	712	733	718	709	668	677
2 D	689	678	687	703	690	673	647	632	633	613	651	668	664	638	623	606	614	637	658	667	679	678	667	653	656
3	673	678	655	657	667	661	664	669	667	672	663	653	648	638	625	615	628	643	661	684	703	687	694	679	662
4 D	679	688	703	676	682	680	684	682	674	676	677	676	643	618	618	606	612	617	642	664	692	702	747	714	668
5	678	699	697	635	650	641	618	641	661	660	636	631	638	621	590	592	601	615	633	651	664	672	707	696	647
6	697	675	675	676	672	672	660	656	649	653	653	669	665	653	626	603	614	643	667	672	676	679	717	702	663
7	684	677	681	675	654	668	672	659	656	656	648	664	653	626	622	616	628	643	662	681	664	675	690	687	660
8	674	684	684	677	677	677	679	681	678	677	672	671	664	647	631	620	626	643	667	694	712	722	697	687	673
9	690	685	681	679	681	668	674	677	679	677	676	673	659	643	630	637	644	661	680	705	712	715	687	684	675
10 Q	687	684	682	682	684	686	689	691	692	691	687	683	677	665	653	647	641	651	661	671	692	706	699	698	679
11 Q	706	703	698	697	701	698	702	699	704	697	690	687	679	669	661	654	656	664	676	690	702	704	700	710	690
12 Q	707	706	707	708	705	707	709	709	711	711	708	707	702	694	684	683	687	690	698	705	698	711	701	699	702
13 Q	701	704	707	708	706	706	707	704	705	706	707	710	706	698	690	689	685	688	690	693	697	703	704	704	701
14	701	701	702	707	702	696	703	707	712	717	705	703	702	666	657	666	663	674	687	688	711	718	697	719	696
15	706	686	697	682	675	692	680	652	653	656	678	671	663	656	659	654	650	672	685	699	703	724	711	718	680
16 D	706	693	683	673	678	672	670	665	671	658	661	647	644	641	632	642	652	661	683	718	742	743	729	732	679
17 D	739	707	680	665	678	656	642	617	663	658	668	653	645	629	602	550	636	672	704	761	724	727	769	729	674
18 D	690	681	676	640	659	652	635	637	605	615	642	622	612	615	627	616	635	647	676	726	744	743	708	700	658
19	675	678	670	671	673	676	671	678	676	633	639	650	646	635	612	600	615	646	673	711	743	714	719	698	667
20	675	680	678	693	688	682	665	673	685	686	691	683	666	642	632	637	634	640	652	686	703	721	718	693	675
21	698	697	703	691	691	691	690	691	689	689	690	688	681	675	649	626	633	660	675	691	717	731	753	714	688
22 Q	689	693	694	697	706	694	681	691	689	681	686	689	680	663	645	640	640	651	668	683	704	706	703	704	682
23	703	704	703	702	701	701	703	703	702	702	699	686	671	672	658	637	648	673	701	715	723	728	722	708	694
24	703	703	703	689	688	676	670	673	675	671	671	673	671	665	650	645	639	657	686	704	708	714	701	708	681
25	709	711	709	690	689	691	694	693	695	694	686	688	678	668	660	655	660	663	678	691	701	706	710	710	689
26	711	706	707	705	706	706	706	704	705	701	696	697	692	688	671	661	672	700	705	732	714	706	696	704	700
27	703	696	697	699	698	698	698	700	706	707	703	698	686	672	660	659	662	680	696	714	716	728	724	703	696
28	712	698	698	683	683	676	673	669	661	651	658	663	651	650	651	615	630	663	678	695	697	716	731	722	676
29	687	703	681	667	668	632	606	660	658	674	667	647	627	635	630	622	605	635	681	721	742	734	730	701	667
30	698	702	686	696	683	670	666	685	671	681	668	663	635	645	641	622	597	637	682	692	692	738	761	759	678
31																									
Mean	696	693	690	683	684	679	674	676	676	674	675	673	664	653	640	632	639	657	677	697	707	712	713	703	678

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 14 Agincourt (D) West

7° + ...'

April 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean	
1	22.8	23.1	21.0	19.8	21.3	20.7	21.0	16.5	16.1	16.4	17.2	13.6	09.2	09.0	10.3	19.8	23.7	25.6	27.2	27.4	23.5	22.8	22.7	20.5	19.6	
2 D	21.8	22.8	21.9	23.1	21.9	17.0	17.8	27.2	11.9	14.1	16.6	11.7	09.9	11.3	16.9	22.7	27.2	28.1	28.3	29.2	26.6	24.5	23.5	23.5	20.8	
3	17.6	19.1	10.6	15.4	18.3	20.0	16.4	13.7	15.5	17.0	15.2	14.5	14.4	12.7	17.5	22.8	27.0	29.2	28.5	27.5	25.6	24.7	21.8	22.8	19.5	
4 D	22.1	16.4	18.2	17.8	21.7	19.8	19.8	16.0	14.2	17.3	15.8	11.1	05.1	09.2	18.2	24.5	27.8	32.4	35.1	35.8	37.3	32.8	25.9	27.4	21.8	
5	24.1	28.3	07.5	15.6	14.2	17.6	28.0	24.9	27.2	24.5	20.6	22.5	14.9	10.8	15.6	23.8	30.4	30.5	29.8	27.4	26.2	23.6	22.5	22.1	22.2	
6	21.5	19.1	21.3	22.4	20.7	17.1	14.4	13.6	17.1	10.4	17.0	11.5	08.0	09.7	11.8	20.7	30.2	33.9	32.2	33.5	30.8	28.6	25.6	17.1	20.3	
7	18.4	19.7	19.2	20.8	21.9	14.5	17.4	16.4	16.5	13.7	19.7	15.2	10.6	09.0	15.3	20.2	27.5	28.4	27.2	27.2	28.1	26.2	22.9	21.5	19.9	
8	23.4	22.2	17.1	18.0	19.2	19.8	19.8	19.6	19.2	19.0	16.4	14.9	12.4	11.4	14.2	19.0	25.1	30.0	32.0	30.3	28.2	26.2	22.8	21.7	20.9	
9	21.7	23.1	22.3	19.2	19.1	19.9	18.7	18.1	18.6	18.5	18.2	17.1	16.1	17.3	21.6	27.1	29.0	30.3	31.8	31.5	29.0	25.6	26.3	24.1	22.7	
10 Q	23.1	22.7	22.1	21.0	20.5	19.8	18.6	17.9	17.8	17.1	16.7	15.5	13.8	13.9	16.8	21.8	25.4	26.3	27.6	27.6	25.5	22.6	20.9	21.8	20.7	
11 Q	21.4	21.5	19.8	19.2	19.4	18.3	17.4	17.0	16.5	15.9	16.1	15.3	14.1	14.2	16.4	19.7	21.8	24.4	26.7	26.7	25.3	24.4	22.6	21.6	19.8	
12 Q	21.0	20.7	20.7	20.4	19.8	19.0	18.0	16.6	16.2	16.4	15.3	14.2	12.7	12.7	15.8	18.2	21.1	22.9	23.8	23.4	23.6	22.6	21.7	20.4	19.0	
13 Q	21.5	21.9	20.9	20.6	19.8	18.8	17.9	16.5	16.4	15.4	15.2	15.2	14.4	14.4	16.7	19.9	21.3	23.1	24.4	23.8	23.5	22.1	20.0	18.8	19.3	
14	19.0	19.9	19.8	19.7	18.2	15.3	14.2	16.7	16.1	16.4	19.0	14.3	09.6	09.7	17.3	18.8	25.7	29.3	29.7	32.8	32.0	30.8	28.6	26.2	20.8	
15	20.9	20.8	22.0	21.6	15.8	18.4	18.8	25.3	19.4	10.3	10.9	10.6	14.2	12.9	16.5	21.9	25.7	26.4	28.1	27.6	26.0	22.9	23.8	20.9	20.1	
16 D	21.7	23.5	18.2	20.9	20.7	19.0	18.3	19.1	16.0	15.2	13.3	11.5	09.5	08.9	13.0	14.9	22.4	28.1	29.9	24.7	21.4	23.2	23.8	18.7	19.0	
17 D	20.0	20.7	13.4	07.2	15.3	11.1	17.2	21.6	18.2	16.3	12.5	11.8	09.5	10.8	10.6	19.8	29.2	26.4	24.4	18.2	21.5	23.6	22.6	20.8	17.6	
18 D	25.3	21.8	18.2	10.5	22.2	23.8	22.1	20.4	22.8	21.6	17.6	13.4	15.4	20.1	20.5	22.8	27.3	28.0	25.6	20.0	19.4	18.9	19.8	16.2	20.6	
19	21.9	18.1	16.6	18.2	19.2	18.2	25.6	19.7	18.7	26.2	21.7	08.9	04.9	08.3	11.7	20.0	27.4	29.0	31.0	25.2	21.7	23.5	23.5	21.6	20.0	
20	22.7	23.3	18.2	16.4	25.3	19.1	23.3	22.2	19.8	18.7	17.1	14.5	14.0	14.2	17.8	22.4	26.8	29.0	31.2	29.8	27.4	23.2	20.1	22.5	21.6	
21	22.1	22.0	21.0	13.7	17.0	19.8	21.0	20.7	21.3	22.0	17.4	14.0	12.7	14.2	15.4	22.6	29.5	31.8	34.8	32.8	28.1	23.5	19.6	17.9	21.4	
22 Q	20.7	21.6	21.5	20.4	18.3	17.0	16.1	18.2	17.0	18.5	17.6	11.8	10.6	11.5	14.2	20.2	23.9	26.9	28.9	28.4	25.8	23.2	20.9	20.3	19.7	
23	21.0	21.1	21.0	20.9	20.0	19.5	18.6	17.6	17.3	16.3	14.9	13.4	13.6	15.3	18.3	23.3	29.3	36.3	35.7	32.0	28.8	25.5	21.0	19.6	21.7	
24	19.2	21.5	20.0	18.0	15.2	16.8	19.0	20.4	14.6	13.6	12.3	10.8	12.0	13.7	15.7	20.6	23.7	28.9	28.8	29.0	27.8	25.3	23.7	22.9	19.7	
25	22.4	21.5	20.9	21.0	17.4	19.7	19.8	18.2	18.7	17.8	16.5	14.9	12.4	14.5	18.1	23.5	27.0	29.6	30.2	29.3	27.6	25.2	23.9	22.8	21.4	
26	21.7	20.9	20.7	20.1	19.7	19.0	18.3	17.9	17.4	16.3	15.6	14.6	14.5	15.5	19.2	22.3	30.1	31.0	28.8	28.1	27.3	24.4	22.5	21.1	21.1	
27	21.9	21.0	20.4	19.8	19.8	19.1	19.1	19.3	18.9	17.3	15.6	14.1	12.5	13.7	16.4	21.6	27.3	29.1	31.1	31.6	30.1	24.4	22.0	21.0	21.1	
28	21.2	22.0	21.6	16.1	14.6	19.0	14.6	15.4	16.0	09.5	08.8	08.8	08.7	15.2	20.8	21.8	31.1	31.0	26.8	27.4	23.4	21.0	19.8	21.8	19.0	
29	19.5	20.4	18.1	17.5	17.3	20.7	26.4	20.0	19.7	17.2	10.6	09.4	09.6	11.0	15.8	21.9	28.7	34.7	32.6	31.4	24.7	24.8	24.4	23.5	20.8	
30	23.8	22.8	16.4	19.9	19.1	22.2	24.3	20.7	20.6	19.8	14.3	12.5	14.6	19.1	21.0	24.6	29.1	32.9	31.2	30.0	26.5	22.2	17.4	20.4	21.9	
31																										
Mean	21.5	21.4	19.0	18.5	19.1	18.7	19.4	18.9	17.9	16.9	15.9	13.4	11.8	12.8	16.3	21.4	26.7	29.1	29.4	28.3	26.4	24.4	22.5	21.4	20.5	

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 15 Agincourt (Z)

56,000 γ +

April 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean	
1	226	224	237	225	222	214	189	192	201	208	210	210	207	198	187	186	192	199	210	226	262	255	249	229	215	
2 D	219	216	219	222	228	196	168	115	132	142	126	156	200	217	223	217	220	218	211	210	222	229	238	235	199	
3	231	220	225	216	219	192	174	194	202	202	202	204	204	204	205	197	201	199	202	207	222	229	230	216	208	
4 D	211	201	169	190	193	192	163	168	171	162	164	174	184	198	208	204	210	219	240	205	282	290	315	313	209	
5	319	345	309	202	216	208	120	142	164	170	169	171	182	183	181	180	193	201	214	226	234	234	243	242	210	
6	262	252	240	222	216	216	198	195	170	172	181	195	197	189	192	205	216	223	223	223	230	228	246	267	215	
7	235	219	218	216	165	200	190	187	172	175	177	178	198	195	199	201	204	208	219	234	223	214	219	220	203	
8	211	205	195	196	201	199	198	196	195	189	190	193	195	196	196	193	195	193	194	204	219	237	228	214	201	
9	208	205	212	205	199	205	200	195	195	196	195	198	198	198	196	194	186	184	193	202	211	220	222	216	201	
10 Q	207	199	195	194	193	194	194	194	194	193	193	193	190	186	184	183	181	178	183	189	198	204	205	196	192	
11 Q	193	191	192	196	193	192	190	189	187	184	186	187	184	183	180	175	177	178	181	188	190	187	185	187	186	
12 Q	186	186	187	187	187	187	186	186	186	186	185	184	183	177	168	161	166	174	184	192	193	198	199	195	184	
13 Q	189	186	186	187	187	186	186	184	184	183	184	183	182	180	178	177	175	175	178	190	195	195	195	195	185	
14	192	190	188	186	184	182	177	183	184	183	169	154	163	166	174	171	170	172	183	200	221	234	237	250	188	
15	288	243	229	189	163	190	184	129	110	159	188	190	186	186	186	184	189	192	201	217	235	244	235	250	199	
16 D	233	231	244	234	216	204	162	123	181	172	137	087	114	150	171	179	186	199	216	244	264	264	273	307	200	
17 D	333	372	320	267	184	184	184	132	138	170	188	199	192	184	178	189	225	232	261	316	273	265	318	285	233	
18 D	289	279	189	195	178	177	144	136	115	157	155	141	166	180	184	190	208	226	249	268	287	310	309	253	208	
19	225	218	211	214	194	179	171	192	193	145	162	170	178	183	186	193	195	205	202	222	252	249	258	243	202	
20	218	212	207	184	153	175	175	170	187	200	208	207	204	200	205	203	211	218	229	235	240	248	238	211	206	
21	204	202	200	196	196	193	196	198	186	180	189	190	190	195	192	186	189	194	199	202	213	228	251	232	200	
22 Q	208	201	198	195	183	172	165	186	187	182	175	181	183	183	179	180	186	190	197	202	210	210	204	198	190	
23	195	195	194	193	191	192	192	190	190	192	193	190	184	177	175	180	192	202	207	213	223	237	241	231	199	
24	216	213	222	237	211	205	186	157	169	187	198	202	198	197	201	210	213	211	210	216	219	229	229	214	206	
25	205	204	212	208	202	198	193	201	200	199	195	195	190	190	189	192	194	195	199	201	202	202	200	196	198	
26	193	192	190	190	190	190	190	190	189	188	187	186	184	180	172	162	175	184	193	208	215	213	204	196	190	
27	192	192	190	189	189	189	183	184	180	184	184	184	182	180	180	179	177	181	189	204	226	247	238	223	194	
28	223	230	230	204	169	204	212	200	180	160	169	162	169	165	169	171	186	196	223	247	258	251	264	273	205	
29	250	244	220	214	165	163	161	181	159	152	178	169	171	199	219	230	232	238	243	246	259	270	265	243	211	
30	226	223	188	192	196	156	146	180	174	178	177	186	186	186	183	183	188	205	228	243	251	255	274	238	202	
31																										
Mean	226	223	214	205	193	191	178	171	171	178	180	181	185	187	188	188	194	200	209	219	231	236	240	232	201	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 16 Agincourt

April 1958

Day	Horizontal Intensity						Declination						Vertical Intensity							
	Maximum			Minimum			Maximum			Minimum			Maximum			Minimum				
	15,000 γ +			15,000 γ +			7° W +			7° W +			56,000 γ +			56,000 γ +				
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ		
1	22	02	746	14	39	611	18	30	29.0	14	25	5.4	23.6	20	36	271	06	33	175	96
2 D	04	13	714	07	02	549	07	27	33.3	13	00	6.2	27.1	22	30	243	07	02	60	183
3	22	13	713	15	36	610	17	52	30.8	02	40	5.4	25.4	00	30	254	05	40	149	105
4 D	22	48	760	16	16	590	20	15	39.1	12	32	1.3	37.8	22	43	328	06	29	150	178
5	02	03	753	14	55	571	07	02	33.7	03	02	-8.8	42.5	01	57	390	06	56	78	312
6	22	55	749	15	34	590	19	15	35.1	12	40	6.0	29.1	00	54	295	08	56	140	155
7	00	01	699	15	05	607	16	59	30.2	13	15	6.9	23.3	00	01	249	04	28	121	128
8	21	03	744	16	00	617	18	40	32.7	13	39	10.9	21.8	21	50	243	03	02	174	69
9	22	03	725	14	40	625	18	52	32.6	04	05	11.8	20.8	22	02	228	16	56	183	45
10 Q	21	36	720	16	19	638	19	07	28.2	12	50	13.2	15.0	00	01	210	17	35	175	35
11 Q	21	30	733	16	46	650	18	46	27.8	12	55	13.0	14.8	03	20	199	16	45	173	26
12 Q	22	08	734	15	25	679	17	57	24.5	13	19	11.2	13.3	22	07	211	15	43	159	52
13 Q	02	03	712	16	15	683	18	52	25.4	13	32	13.5	11.9	21	35	199	16	56	174	25
14	23	57	739	14	14	633	19	44	34.4	13	35	5.4	29.0	23	59	280	11	15	150	130
15	00	02	739	08	48	631	07	21	32.2	10	04	7.7	24.5	00	15	322	08	18	92	230
16 D	23	03	774	14	40	607	01	37	36.6	13	14	3.6	33.0	23	09	378	11	39	75	303
17 D	22	36	817	15	27	520	01	07	38.0	03	42	-6.0	44.0	00	55	420	07	44	64	356
18 D	20	53	775	08	41	545	04	34	38.2	23	10	2.9	35.3	22	56	355	04	28	63	292
19	20	46	754	16	00	586	18	10	32.5	11	58	2.6	29.9	22	52	268	09	28	130	138
20	22	21	736	14	13	622	18	30	32.4	03	18	7.9	24.5	21	55	259	04	23	131	128
21	22	32	762	15	52	616	18	25	35.4	12	42	10.6	24.8	22	45	255	09	18	175	80
22 Q	04	35	714	16	31	636	18	57	29.4	12	50	10.0	19.4	00	07	217	06	25	159	58
23	21	55	733	15	52	627	17	49	37.5	13	00	11.8	25.7	21	55	243	14	07	172	71
24	21	22	781	16	30	634	17	32	29.6	04	58	7.2	22.4	03	10	248	07	50	146	102
25	02	12	724	14	30	634	18	46	30.7	13	16	8.7	22.0	02	45	217	13	12	184	33
26	19	42	760	16	39	630	16	53	36.5	12	55	13.5	23.0	21	17	217	15	39	151	66
27	21	37	738	14	35	652	19	02	32.6	12	38	11.8	20.8	21	05	252	08	20	175	77
28	23	07	754	15	21	604	16	56	34.5	12	21	3.5	31.0	23	15	286	04	18	133	153
29	20	09	749	06	20	561	17	18	36.0	11	52	6.3	29.7	21	15	278	04	54	93	185
30	22	38	781	16	40	573	17	01	37.2	11	36	8.0	29.2	22	25	295	06	02	108	187
31																				
Mean			744			611			32.9			7.1	25.8			270			137	133
No. days			30			30			30			30	30			30			30	30

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 17 Agincourt (H)

15,000 γ +

May 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	689	680	673	682	674	673	678	678	665	662	658	652	647	632	619	630	624	652	688	716	721	734	737	713	674
2	689	691	680	672	667	679	673	663	663	676	676	670	658	644	632	634	651	666	686	698	715	702	696	689	674
3	686	694	689	696	696	688	687	687	690	691	686	686	680	659	636	627	635	653	671	698	722	700	711	710	682
4	703	690	699	706	701	689	694	686	692	688	687	681	671	658	640	630	641	663	682	698	719	734	719	708	687
5	694	701	688	681	687	695	697	701	703	697	696	690	680	664	650	658	670	696	717	773	786	813	795	764	708
6	706	693	680	683	691	686	690	691	690	689	689	675	663	647	625	635	642	662	689	706	718	718	719	709	683
7 Q	712	704	701	706	698	696	696	694	695	698	700	698	683	672	661	656	658	668	683	697	710	712	708	708	692
8	715	721	719	714	708	707	711	719	717	704	711	710	703	691	657	661	663	673	686	703	722	747	725	697	703
9	702	710	711	712	712	724	724	718	703	701	701	707	711	701	687	682	680	680	694	702	716	722	718	716	706
10	714	690	693	701	704	704	694	683	687	698	689	690	698	682	660	639	658	673	680	706	708	697	730	687	690
11	693	699	700	702	703	707	710	701	679	669	684	695	689	678	665	672	689	699	719	729	721	714	707	709	697
12	711	710	710	710	711	710	714	715	711	708	706	701	684	678	678	671	669	688	708	757	734	731	764	732	709
13 D	702	682	697	701	703	708	709	703	698	696	681	666	651	667	632	621	663	696	711	722	739	784	820	752	700
14 D	737	675	673	662	652	642	620	637	658	661	642	655	656	609	602	629	635	665	681	704	724	728	692	724	665
15	724	692	678	690	658	622	666	680	686	681	686	664	638	599	607	632	651	667	697	697	687	716	724	722	673
16	719	694	687	689	694	693	691	690	686	679	684	680	672	647	625	620	630	680	698	714	732	704	706	703	684
17	696	698	707	705	686	693	701	706	701	686	693	689	678	651	621	634	653	665	684	698	702	734	734	748	690
18	711	711	695	686	696	695	698	693	689	681	676	683	682	663	650	643	647	672	681	693	706	714	720	719	688
19	702	701	704	708	723	710	696	691	694	697	692	691	686	673	671	664	671	689	702	712	721	734	708	708	698
20 Q	719	711	707	706	703	702	705	706	701	693	690	694	691	682	674	672	673	688	700	708	719	724	731	739	702
21	732	717	708	715	697	696	698	699	702	703	703	705	690	672	655	656	676	698	711	721	717	722	720	714	701
22 Q	712	716	716	715	714	712	711	711	710	708	706	703	693	680	671	667	686	716	728	733	733	734	737	738	710
23 Q	732	718	718	718	714	714	715	715	714	711	711	706	692	680	673	676	683	691	701	716	729	725	722	723	708
24 Q	723	722	722	721	717	720	719	721	719	717	717	721	714	696	680	668	678	699	717	725	727	725	724	719	713
25	721	722	719	724	724	724	723	717	718	720	722	719	710	696	682	678	693	721	734	750	752	786	756	735	723
26 D	754	742	717	723	717	706	706	706	706	693	698	677	653	639	596	652	658	695	750	742	715	724	710	713	700
27	715	699	687	686	689	683	683	676	678	686	680	659	660	670	646	658	659	671	703	702	730	746	755	736	690
28	720	689	683	678	676	676	680	680	683	683	678	668	658	652	647	637	663	687	701	718	735	712	712	722	685
29 D	730	693	688	668	686	662	673	610	505	430	509	516	550	554	599	616	635	671	647	658	682	685	686	697	627
30	703	702	704	684	682	686	679	683	673	677	679	674	661	650	648	651	678	706	724	733	733	733	730	718	691
31 D	706	709	701	688	689	682	680	678	676	681	672	657	655	641	682	671	663	663	722	829	1132	1131	994	1170	757
Mean	712	702	699	698	696	693	694	692	687	683	684	680	673	659	647	650	660	681	700	718	736	741	736	734	694

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 18 Agincourt (D) West

7° + ...'

May 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	18.2	16.6	17.0	19.2	18.6	16.4	19.5	20.1	21.9	25.4	18.2	12.7	12.1	12.9	17.5	22.9	28.0	31.4	28.7	27.5	25.3	23.7	18.1	19.9	20.5
2	21.7	19.7	16.9	18.0	19.7	21.0	17.0	17.5	20.4	20.2	16.4	12.7	11.2	12.7	16.4	22.5	26.9	29.2	30.0	27.5	23.6	22.8	20.4	20.0	20.2
3	21.7	21.6	21.0	18.4	20.7	20.6	20.4	19.7	18.8	18.0	16.1	14.1	09.9	07.9	10.6	17.8	25.4	29.5	32.4	30.8	27.2	25.1	21.3	19.8	20.4
4	17.9	20.8	21.0	19.1	17.5	17.3	17.3	17.9	20.0	16.5	14.3	12.4	10.7	10.9	13.0	18.3	23.6	27.9	30.2	30.2	28.3	25.0	23.1	20.2	19.7
5	19.8	20.2	19.1	17.9	18.2	19.0	20.4	22.8	18.9	17.6	15.5	13.2	11.8	12.7	15.0	21.1	26.4	29.2	30.4	29.9	29.1	23.7	20.2	19.8	20.5
6	18.3	20.2	18.8	19.9	18.0	16.1	19.1	19.5	18.8	17.4	15.4	12.6	10.8	11.6	15.0	22.6	27.2	30.8	31.0	29.0	25.9	22.9	20.1	19.5	20.0
7 Q	21.0	21.5	21.5	21.6	20.9	20.8	20.1	19.8	18.9	17.0	13.6	10.9	11.5	12.9	17.2	22.8	27.1	30.0	31.1	30.2	26.2	22.1	19.1	18.2	20.7
8	20.0	20.7	20.0	19.8	16.9	17.4	18.2	18.3	19.6	16.4	12.8	10.2	08.8	08.1	11.8	23.4	28.4	30.7	31.2	29.0	27.3	24.4	22.5	23.4	20.0
9	22.1	21.9	20.7	19.8	18.2	17.3	16.0	14.2	16.0	15.8	13.6	11.1	09.6	11.4	13.7	19.1	23.6	25.6	26.3	26.2	22.9	20.0	16.6	15.7	18.3
10	14.6	16.0	17.9	17.5	15.8	13.3	15.6	14.0	15.2	16.3	18.8	12.4	10.9	11.7	15.3	21.0	28.5	28.8	30.7	25.3	24.4	22.5	18.1	18.3	18.4
11	19.8	20.4	20.5	20.2	19.8	19.1	18.5	17.3	16.4	16.4	11.6	10.0	11.4	13.5	16.4	22.0	26.8	27.7	27.3	24.7	22.7	20.8	19.6	19.8	19.3
12	20.7	21.6	21.6	20.9	20.2	18.7	18.0	18.8	19.3	17.8	13.8	11.7	13.3	14.3	17.2	25.2	27.5	32.0	32.9	29.2	27.1	25.4	22.2	20.7	21.3
13 D	18.0	21.8	22.6	21.0	19.5	17.9	19.8	21.9	23.6	17.6	12.1	12.3	13.4	15.5	13.6	25.2	30.2	33.6	31.9	29.3	29.1	26.3	15.2	13.6	21.0
14 D	08.8	08.9	12.9	19.8	14.3	16.4	25.2	18.1	17.2	17.3	18.9	14.5	08.7	13.4	20.7	23.4	26.6	29.0	28.2	25.6	23.5	21.7	19.8	15.1	18.7
15	13.5	15.5	12.5	16.4	15.7	29.3	25.5	20.7	19.4	16.4	12.6	09.8	10.4	14.7	20.6	24.7	23.8	23.0	23.4	24.3	26.5	23.5	20.1	17.6	19.2
16	18.7	11.8	17.2	18.8	19.1	20.0	20.2	20.7	23.6	26.3	18.0	11.8	09.9	09.8	14.3	20.9	24.3	27.5	30.2	27.4	24.2	22.9	20.0	19.0	19.9
17	18.9	17.9	11.9	15.4	21.7	19.1	21.0	19.1	18.0	16.3	14.6	13.6	11.8	15.4	23.7	30.8	32.0	32.1	29.9	28.4	26.6	23.4	19.6	14.1	20.6
18	17.8	15.2	14.0	14.9	18.2	16.3	19.2	18.3	20.2	18.6	18.1	10.7	09.0	08.1	10.6	15.5	19.9	24.7	29.4	29.1	27.3	24.4	18.0	17.8	18.1
19	19.2	20.1	19.6	15.5	12.7	12.7	15.6	20.6	22.7	19.1	15.5	12.3	09.0	08.7	12.7	18.0	24.8	28.5	30.1	29.0	27.0	25.0	22.4	20.9	19.2
20 Q	17.9	18.8	19.8	20.6	20.5	21.0	20.6	19.9	20.2	17.5	15.2	11.2	08.8	10.1	16.4	21.0	24.1	26.9	29.6	29.0	25.7	23.5	20.7	19.8	19.9
21	21.0	20.0	19.9	18.1	17.5	20.4	20.6	19.7	18.2	16.1	13.6	11.2	09.7	11.6	14.7	19.1	23.8	26.5	28.0	27.1	24.4	21.8	19.8	18.3	19.2
22 Q	19.0	19.7	20.0	18.3	18.9	19.3	18.7	18.3	17.6	15.8	12.7	10.6	08.7	09.1	12.7	18.2	25.4	28.2	28.2	26.5	24.6	22.2	18.9	17.5	18.7
23 Q	17.6	19.7	18.3	20.6	20.4	18.1	18.9	18.0	17.0	15.2	11.9	09.6	08.7	09.7	14.4	20.1	25.5	28.3	27.9	27.2	24.8	22.5	21.0	19.8	19.0
24 Q	19.8	20.1	20.0	19.8	19.3	18.5	18.2	18.4	18.1	16.4	13.3	11.6	09.9	09.6	15.3	23.0	27.2	28.3	29.0	27.4	25.6	23.3	20.7	19.8	19.7
25	19.8	19.8	19.8	19.5	19.1	17.9	18.2	17.9	17.3	15.3	12.5	09.1	07.9	08.3	11.8	19.1	25.1	26.1	26.6	27.0	25.4	21.0	20.9	16.6	18.4
26 D	15.5	19.9	22.8	18.9	22.0	18.7	16.4	15.3	17.2	12.6	09.6	08.7	12.9	11.5	09.9	33.9	31.9	36.3	29.9	26.6	23.4	19.8	17.1	17.6	19.5
27	19.0	22.6	21.7	22.2	22.6	18.1	18.8	18.7	17.9	16.2	13.1	14.5	19.5	10.6	12.3	21.0	22.6	26.2	26.3	27.4	25.7	23.5	18.3	19.3	19.9
28	18.8	18.3	16.1	14.6	24.5	23.5	20.1	21.7	20.8	17.1	15.2	13.4	14.3	16.4	17.7	23.2	29.6	28.3	27.1	25.6	22.8	20.8	20.2	19.8	20.4
29 D	15.4	05.9	14.0	09.1	17.2	16.3	11.4	04.6	07.2	21.6	12.3	11.4	18.0	24.7	27.9	25.9	33.5	27.3	29.6	27.8	20.4	17.9	17.3	18.9	18.1
30	19.3	20.7	20.2	21.7	18.8	18.9	19.2	17.3	17.3	18.9	12.5	10.8	11.7	15.4	21.9	27.9	26.9	24.5	24.9	25.6	24.4	22.4	19.5	19.6	20.0
31 D	20.0	20.8	21.6	14.8	19.2	18.9	18.2	18.3	19.8	17.3	13.3	10.6	14.3	14.5	18.2	20.9	25.2	20.4	18.1	09.9	00.4	01.3	21.2	08.9	16.0
Mean	18.5	18.7	18.7	18.5	18.9	18.7	18.9	18.3	18.6	17.6	14.4	11.7	11.2	12.2	15.8	22.3	26.5	28.3	28.7	27.1	24.6	22.1	19.7	18.4	19.5

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 19 Agincourt (Z)

56,000 γ +

May 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	240	237	222	208	192	192	200	199	178	162	172	180	184	184	183	186	199	202	219	231	238	235	246	219	205
2	206	211	205	193	196	145	159	168	193	200	201	202	202	198	198	195	202	212	217	225	238	228	218	205	201
3	198	194	195	187	171	186	192	193	193	195	196	193	192	193	190	183	187	196	201	204	207	204	207	206	194
4	210	202	196	193	192	189	190	175	166	181	189	190	193	196	190	181	186	189	189	195	205	214	220	219	194
5	207	202	205	202	198	195	189	177	178	189	193	190	187	182	180	177	175	182	184	198	214	229	237	220	195
6	211	211	210	205	196	191	192	195	195	196	196	198	195	198	195	190	193	199	202	207	211	207	208	205	200
7 Q	199	192	192	192	190	192	192	192	193	195	198	195	188	186	186	183	184	192	193	196	202	206	207	205	194
8	195	192	188	188	187	189	187	184	174	175	186	189	187	181	178	177	180	187	188	192	205	216	230	217	190
9	202	192	189	186	188	184	183	178	186	187	190	190	187	187	187	183	183	182	182	184	193	196	199	201	188
10	201	201	198	192	184	168	157	151	159	172	165	144	151	165	174	174	181	177	184	210	211	207	221	216	182
11	199	192	188	186	184	183	178	151	129	127	150	177	183	183	186	184	184	181	190	198	201	201	197	193	180
12	189	187	186	186	186	187	187	186	178	177	180	183	178	177	175	174	174	178	183	208	222	234	254	259	193
13 D	235	213	198	189	189	187	175	174	165	174	165	156	160	164	163	162	168	188	219	244	253	334	364	282	205
14 D	244	255	223	172	175	157	165	156	165	193	189	190	199	184	192	208	207	208	222	243	253	247	229	235	205
15	214	216	172	165	117	061	153	152	188	204	208	198	190	176	171	180	192	205	237	246	218	214	223	230	189
16	219	202	193	177	190	189	192	195	190	172	192	199	195	188	189	180	184	202	193	199	212	208	204	198	194
17	198	199	187	166	159	182	183	179	182	190	193	189	186	182	178	183	186	189	204	223	224	233	230	243	195
18	244	194	206	184	172	181	190	175	188	181	158	166	183	188	176	175	182	195	195	199	202	210	219	212	191
19	196	193	193	188	153	141	147	171	180	189	195	195	194	189	187	183	181	186	193	201	204	208	205	201	186
20 Q	201	199	198	198	194	193	194	194	192	192	193	192	189	187	176	160	152	159	172	188	200	205	205	207	189
21	209	217	214	199	199	195	195	195	194	196	199	201	198	192	181	171	175	175	180	190	194	196	195	190	194
22 Q	184	191	190	188	186	187	186	188	189	190	190	189	184	179	170	166	160	160	170	178	184	192	196	198	183
23 Q	199	199	190	188	177	184	186	186	186	190	190	189	186	180	175	177	177	175	176	182	187	189	190	188	185
24 Q	186	185	184	184	184	184	183	183	185	188	188	184	183	178	177	172	169	169	172	180	187	189	190	189	182
25	185	183	181	181	181	180	181	183	183	185	185	185	180	171	168	167	165	165	160	171	179	200	207	219	181
26 D	219	230	232	243	229	205	192	199	190	175	171	157	142	134	145	156	184	218	205	183	187	208	229	225	194
27	222	220	211	201	202	195	193	192	187	187	187	166	149	176	189	192	191	205	213	223	244	279	295	271	207
28	238	202	199	199	169	171	162	165	178	199	198	195	189	189	192	196	201	199	210	224	238	235	225	214	199
29 D	229	213	195	137	166	167	115	096	037	075	066	041	110	150	189	220	213	235	239	231	231	229	216	210	167
30	207	201	201	195	195	192	193	177	178	178	185	183	183	183	187	181	183	196	207	213	220	236	243	232	198
31 D	222	216	200	154	168	188	198	201	196	166	170	160	159	167	178	186	195	207	285	424	489	357	350	379	234
Mean	210	205	198	188	183	179	180	178	177	180	182	180	180	180	181	181	184	191	199	213	221	223	228	222	193

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 20 Agincourt

May 1958

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +		
	h. m.	γ	h. m.	γ	γ	h. m.	'	h. m.	'	'	h. m.	γ	h. m.	γ	γ
1	22 50	757	14 20	607	150	17 07	32.4	11 52	9.9	22.5	22 44	265	09 31	154	111
2	20 33	719	15 10	627	92	18 16	30.3	11 56	10.6	19.7	20 30	242	05 09	122	120
3	20 25	727	15 37	620	107	18 30	33.3	13 37	7.2	26.1	23 59	211	04 06	168	43
4	21 18	742	15 06	621	121	18 45	30.8	13 10	10.0	20.8	22 55	226	08 37	159	67
5	22 03	830	14 20	647	183	18 25	32.6	12 41	11.1	21.5	22 00	244	06 44	170	74
6	22 28	722	14 32	623	99	18 16	31.8	13 29	9.5	22.3	01 45	214	05 48	187	27
7 Q	21 27	723	16 25	654	69	18 20	31.1	11 56	10.2	20.9	22 47	211	15 57	182	29
8	22 04	752	14 06	636	116	18 17	31.8	13 42	7.5	24.3	22 25	231	09 01	168	63
9	21 57	782	17 00	675	107	19 00	27.2	12 27	6.8	20.4	00 01	210	07 45	170	40
10	22 32	742	15 16	623	119	18 32	33.1	05 22	8.3	24.8	22 30	228	11 15	139	89
11	18 07	735	15 25	650	85	17 21	29.0	10 51	8.8	20.2	00 01	207	09 05	115	92
12	20 00	782	15 56	661	121	17 51	36.3	11 40	11.6	24.7	23 00	278	16 26	170	108
13 D	22 51	881	14 49	602	279	18 17	36.6	22 58	0.7	35.9	22 52	447	11 36	152	295
14 D	00 16	758	07 02	573	185	06 52	36.6	01 07	-2.1	38.7	01 00	300	06 52	123	177
15	00 03	762	13 55	582	180	05 25	36.8	02 22	-1.5	38.3	19 15	256	05 18	-23	279
16	20 47	747	16 14	604	143	18 21	31.7	13 42	8.7	23.0	00 45	235	03 20	161	74
17	23 35	761	15 05	605	156	16 25	33.6	23 24	11.2	22.4	23 45	254	04 16	133	121
18	22 07	743	15 52	631	112	18 15	31.3	01 27	0.2	31.1	01 05	255	10 47	138	117
19	21 27	740	15 38	660	80	18 50	30.8	04 15	6.6	24.2	21 27	211	06 04	133	78
20 Q	23 17	754	16 01	668	86	18 40	30.0	12 42	7.8	22.2	23 17	211	16 36	148	63
21	00 33	738	15 21	645	93	18 22	28.3	12 40	9.0	19.3	01 55	220	15 24	170	50
22 Q	22 28	748	14 50	658	90	18 25	29.0	12 55	7.3	21.7	23 59	200	17 05	158	42
23 Q	00 01	739	14 44	668	71	17 50	29.0	12 30	8.1	20.9	01 12	201	04 25	170	31
24 Q	22 15	728	15 42	664	64	18 21	29.0	13 10	8.2	20.8	22 30	192	16 55	168	24
25	21 40	804	15 13	673	131	19 05	29.0	12 50	7.4	21.6	23 59	223	18 20	158	65
26 D	18 47	763	14 20	571	192	17 20	40.3	14 22	3.5	36.8	03 15	273	12 51	127	146
27	21 57	772	14 53	617	155	19 26	29.6	13 30	7.0	22.6	22 33	308	12 15	135	173
28	20 38	754	15 35	633	121	16 32	32.0	03 06	6.4	25.6	20 40	244	04 48	145	99
29 D	00 20	753	08 45	361	392	16 16	32.3	08 28	-6.6	38.9	18 10	255	08 37	-52	307
30	21 27	746	14 00	644	102	15 23	28.8	11 00	9.9	18.9	22 03	250	17 45	169	81
31 D	23 50	1339	17 07	601	738	16 03	32.7	20 27	-14.9	47.6	20 22	566	03 43	110	456
Mean		776		623	153		31.8		6.1	25.7		254		140	114
No. days		31		31	31		31		31	31		31		31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 21 Agincourt (H)

15,000 γ +

June 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1 D	992	766	662	643	653	607	599	662	656	681	666	655	645	630	627	637	637	646	656	716	763	764	778	728	686	
2	686	702	671	671	681	669	639	591	668	670	658	630	610	596	578	599	612	640	645	676	696	706	698	693	654	
3 Q	691	691	694	700	697	696	700	703	708	709	706	695	695	689	675	652	658	686	719	734	739	732	719	712	700	
4 Q	708	706	709	713	706	711	717	718	718	716	714	708	698	686	673	671	676	702	714	723	728	729	726	719	708	
5	715	711	715	712	717	714	714	712	709	707	717	723	716	706	690	678	674	698	706	724	732	742	729	727	712	
6	727	724	722	723	725	731	721	722	701	711	720	714	702	684	668	667	678	701	724	753	785	837	813	779	726	
7 D	764	799	663	579	459	599	581	576	480	342	581	663	650	649	638	645	645	645	655	683	724	724	711	706	632	
8	701	693	697	701	699	698	699	702	698	701	706	702	697	686	677	676	693	711	727	719	696	732	760	759	705	
9	746	710	710	711	707	699	663	676	689	680	686	683	651	655	660	646	655	681	711	734	775	812	862	898	713	
10	810	740	672	663	647	655	661	639	649	639	655	658	665	637	637	655	658	666	678	696	744	767	774	746	684	
11	727	711	689	677	684	698	695	682	691	681	680	668	678	672	664	645	643	671	697	702	744	742	723	697	690	
12	702	705	714	714	703	689	697	704	689	691	683	683	667	667	668	646	646	666	697	711	724	725	744	734	695	
13	726	709	706	707	707	708	704	701	703	708	706	707	699	691	683	676	668	680	683	714	733	736	727	726	705	
14	726	721	716	708	709	707	698	693	692	703	707	698	701	693	675	667	672	683	727	813	725	733	780	768	713	
15	708	711	714	721	691	739	746	677	681	675	689	698	691	678	661	654	659	658	686	709	722	716	711	706	696	
16	714	704	701	702	705	702	709	696	692	687	681	691	683	661	669	646	644	666	689	706	724	729	716	716	693	
17 Q	709	706	708	712	714	698	697	696	702	703	701	697	697	693	679	668	666	679	696	714	728	727	726	732	702	
18 Q	732	724	724	722	721	718	717	179	719	715	710	708	700	689	677	663	675	692	709	724	738	737	727	719	712	
19	724	723	719	726	727	723	720	722	711	710	716	712	708	699	684	681	678	691	722	757	739	757	742	723	717	
20 Q	722	744	723	726	724	723	721	717	714	717	719	712	697	689	674	666	678	707	732	747	759	774	769	737	720	
21 D	743	749	723	710	688	696	711	702	683	658	657	584	632	650	610	625	667	729	784	814	808	443	362	744	674	
22	740	689	686	670	638	630	621	635	646	670	661	647	673	673	667	670	683	703	722	739	743	787	794	739	689	
23	734	708	698	703	703	695	703	696	694	690	694	685	671	661	652	658	668	691	710	727	748	739	736	719	699	
24	723	706	714	706	701	692	681	666	698	692	678	676	665	655	643	651	666	688	703	726	734	743	754	710	695	
25	711	717	718	710	700	699	702	703	696	680	689	706	691	681	663	671	678	697	729	729	736	731	755	729	705	
26	723	717	712	714	714	714	696	698	702	700	701	698	688	671	660	678	693	703	722	742	738	744	739	715	708	
27	720	714	714	717	721	716	711	712	708	708	703	700	697	688	683	671	677	698	718	739	757	767	744	724	713	
28 D	711	714	722	712	697	698	698	703	712	690	665	686	696	686	686	701	718	718	857	927	971	1131	1112	1071	778	
29 D	888	545	651	593	478	201	529	479	551	503	545	543	396	518	510	556	617	594	625	677	717	726	726	702	574	
30	698	689	691	696	683	691	695	698	701	703	705	703	702	692	693	684	696	712	703	722	725	721	714	702	701	
31																										
Mean	737	712	702	695	683	677	685	680	682	675	683	678	672	668	657	657	666	683	708	733	746	748	746	743	697	

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 22 Agincourt (D) West

7° + ...'

June 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean	
1 D	13.4	11.6	16.2	17.1	25.5	29.0	17.1	09.0	25.2	15.3	10.7	08.6	07.2	08.9	14.6	20.7	25.0	28.0	30.9	27.3	22.7	21.8	18.1	14.4	18.3	
2	21.0	20.4	18.2	20.8	19.8	19.1	23.4	31.4	17.1	13.6	09.6	14.5	17.4	21.0	24.3	28.3	31.0	34.5	35.4	30.2	25.1	21.9	19.2	18.9	22.3	
3 Q	19.7	20.1	20.6	20.7	21.0	21.0	20.7	20.5	20.2	19.8	16.5	14.7	12.4	12.0	15.3	19.9	23.5	30.5	28.3	28.9	26.8	23.4	20.7	19.6	20.7	
4 Q	19.1	18.8	18.8	19.7	17.5	18.8	19.9	21.7	19.2	16.4	12.8	10.5	09.8	12.4	14.2	19.1	24.4	28.2	30.2	30.2	28.8	25.6	21.6	19.8	19.9	
5	19.7	20.1	20.6	20.3	19.8	18.4	18.6	19.1	17.9	15.5	12.5	09.5	06.9	05.3	07.9	12.4	19.1	26.7	26.7	27.1	25.4	22.1	19.1	17.5	17.8	
6	18.2	19.6	20.0	19.9	19.6	18.6	17.0	20.4	17.5	16.1	11.6	06.8	08.1	12.5	15.2	19.8	24.0	24.4	25.0	27.1	24.6	23.4	17.5	18.0	18.5	
7 D	14.6	06.4	17.0	17.8	37.6	20.4	17.4	23.7	35.3	40.4	28.3	08.7	04.0	07.3	13.6	17.3	21.0	27.1	27.2	22.2	18.5	19.0	18.3	18.1	20.0	
8	19.6	20.2	20.7	20.7	20.2	18.7	22.4	21.0	20.1	16.0	13.5	11.7	10.9	11.5	13.7	17.3	19.9	22.6	23.1	28.0	30.2	23.9	20.2	15.3	19.2	
9	15.3	17.6	19.3	19.9	19.8	19.7	25.1	14.1	11.5	09.7	06.0	04.8	08.4	14.1	14.0	17.0	23.4	27.3	26.7	25.0	22.8	19.1	17.9	15.7	17.4	
10	15.2	18.0	04.2	07.9	17.4	16.6	19.7	23.7	23.2	24.2	15.2	06.8	05.1	06.5	13.3	15.8	21.7	21.8	23.7	23.6	22.8	17.8	15.4	16.0	16.1	
11	19.2	18.0	18.7	18.2	22.8	18.5	20.2	17.5	16.0	17.0	13.2	14.2	06.8	08.4	12.6	16.7	22.7	28.3	25.6	26.5	24.6	22.5	19.8	21.3	18.7	
12	21.5	20.5	19.5	14.0	07.7	11.8	16.0	18.8	18.2	16.6	11.7	09.0	10.2	13.5	16.6	19.0	25.8	25.6	26.2	25.6	22.4	20.9	17.3	18.6	17.8	
13	17.8	18.0	19.0	19.7	22.9	17.2	15.3	17.0	16.1	16.1	13.8	11.4	10.6	12.4	15.2	19.8	22.8	23.7	28.2	28.5	25.5	24.5	21.5	19.1	19.0	
14	19.1	20.4	20.9	21.6	21.0	20.2	16.4	16.1	15.5	14.4	11.4	08.3	07.1	10.0	14.2	19.1	25.2	29.1	25.6	23.1	26.2	25.5	22.0	20.0	18.7	
15	28.9	22.6	21.9	19.5	17.5	20.9	14.4	17.0	10.4	17.0	11.7	07.6	04.9	08.3	15.6	19.9	22.7	27.4	29.7	27.1	24.5	22.2	20.7	19.7	18.7	
16	17.5	15.6	18.6	19.2	19.5	18.8	25.2	21.7	18.2	17.0	15.3	12.1	09.2	13.0	16.3	19.2	24.1	28.2	30.1	29.8	25.6	21.6	19.7	18.2	19.7	
17 Q	17.8	18.2	19.1	19.7	16.0	18.7	18.4	19.4	19.1	17.3	13.0	11.3	09.6	09.7	12.7	19.3	24.4	27.7	28.8	27.8	26.2	24.7	22.4	20.4	19.2	
18 Q	19.8	19.8	20.6	20.1	19.3	19.2	18.7	17.7	16.9	15.1	12.8	09.8	07.3	08.8	13.3	17.9	23.4	26.3	28.1	29.5	29.1	26.7	22.1	21.4	19.3	
19	21.0	20.9	18.8	19.7	17.9	16.8	17.5	17.0	16.5	15.1	10.5	07.8	05.2	05.8	07.8	14.6	17.5	26.4	31.9	31.3	30.8	27.1	23.3	22.9	18.5	
20 Q	22.6	20.6	22.2	21.0	20.3	19.3	18.6	17.8	17.3	15.5	12.5	10.9	09.0	11.6	15.8	19.8	23.7	26.1	26.6	26.6	25.2	23.4	21.6	21.9	19.6	
21 D	21.5	21.0	10.6	13.6	14.7	05.7	14.2	11.9	12.9	05.6	08.2	01.8	-06.6	00.4	-05.7	12.1	23.9	20.5	20.3	17.0	23.4	13.4	16.6	15.6	12.2	
22	14.6	20.4	06.4	16.0	05.3	14.6	29.3	19.7	23.0	16.1	14.7	16.4	10.0	12.1	17.0	20.0	24.8	26.9	28.0	23.9	21.0	18.2	16.1	19.7	18.1	
23	18.7	17.1	15.1	19.6	17.7	18.8	16.3	24.3	21.7	17.6	14.0	11.4	10.9	13.1	16.4	23.6	26.2	28.9	31.3	28.7	24.9	23.7	21.5	21.6	20.1	
24	21.0	18.8	21.2	21.0	21.7	18.6	19.5	20.9	14.6	13.1	10.3	09.2	14.8	17.7	23.3	24.4	23.8	27.3	27.3	26.8	25.5	23.1	19.6	20.4	20.2	
25	20.5	19.2	17.8	16.1	17.1	17.9	18.8	18.4	22.5	27.5	19.6	12.3	12.7	16.1	19.1	25.1	27.5	26.6	25.7	24.7	22.0	23.2	20.6	20.8	20.5	
26	19.7	19.6	19.2	19.5	20.1	16.7	16.0	18.6	17.5	15.5	13.1	12.4	11.4	12.4	15.5	22.7	27.2	31.1	32.6	28.9	26.4	23.4	20.7	19.6	20.0	
27	19.3	20.9	21.8	19.7	18.6	18.2	17.2	20.1	22.0	17.4	13.2	09.8	07.7	09.1	13.6	17.2	20.9	22.9	24.0	24.3	23.7	22.4	22.4	20.7	18.6	
28 D	21.4	22.4	20.1	21.0	14.4	15.4	16.8	18.5	13.2	11.8	10.8	09.1	03.8	07.0	09.9	15.7	21.5	26.0	19.0	15.7	12.7	03.6	09.5	10.6	14.6	
29 D	19.7	37.6	21.6	19.0	27.4	97.9	45.1	22.3	15.1	14.4	16.0	32.5	33.5	27.9	19.0	21.9	22.0	22.0	28.4	24.9	18.9	17.8	16.8	18.3	26.7	
30	19.3	20.0	19.5	20.6	20.9	22.9	22.8	21.2	20.3	18.4	13.7	11.1	10.5	11.1	11.7	16.8	21.9	23.2	22.7	22.3	22.4	22.5	20.9	21.0	19.1	
31																										
Mean	19.2	19.5	18.0	18.8	19.4	21.6	19.9	19.3	18.5	16.8	13.2	10.8	09.3	11.3	14.2	19.1	23.3	26.5	27.2	26.3	24.3	21.6	19.4	18.8	19.0	

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 23 Agincourt (Z)

56,000 γ +

June 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1 D	279	314	214	195	234	152	168	198	222	232	232	223	216	205	204	204	205	213	228	252	279	288	303	255	230	
2	211	210	231	208	198	202	157	139	202	213	213	170	143	144	164	180	186	195	205	219	220	208	202	202	193	
3 Q	201	201	200	199	198	198	198	198	198	199	198	187	180	186	192	190	195	199	202	205	207	202	199	196	197	
4 Q	194	194	193	192	188	189	187	187	192	195	196	195	191	181	180	171	175	180	181	182	187	192	193	193	188	
5	192	190	189	189	188	186	184	184	186	187	195	196	187	180	181	178	187	192	195	195	196	195	192	193	189	
6	189	187	187	187	186	175	174	168	165	184	187	189	190	187	182	177	179	172	183	194	206	228	263	273	192	
7 D	278	158	091	163	133	050	038	-090	-138	-130	085	175	196	205	201	211	218	220	219	219	228	225	220	217	141	
8	208	205	202	197	191	187	189	191	194	204	205	202	196	189	192	190	193	195	210	214	204	212	219	244	201	
9	237	219	213	208	202	177	141	159	163	171	175	181	177	182	178	177	190	192	202	230	254	303	349	387	211	
10	291	261	235	207	155	171	193	194	189	175	183	184	193	192	201	213	214	213	228	243	260	277	271	240	216	
11	225	240	225	169	176	201	199	188	190	194	188	181	182	186	183	184	198	193	193	198	212	223	226	210	199	
12	200	199	198	188	151	150	159	151	145	160	168	181	181	183	177	175	183	190	202	212	224	226	223	210	185	
13	205	203	199	193	159	164	171	179	188	193	193	192	189	188	189	180	175	182	189	194	202	207	204	202	189	
14	199	195	193	193	191	193	192	190	192	201	201	194	193	187	183	183	184	178	180	199	199	207	226	242	196	
15	225	207	199	202	213	175	192	183	172	171	172	193	198	196	199	195	200	202	204	202	201	199	193	194	195	
16	199	200	195	193	188	183	144	130	159	163	157	162	168	183	192	196	195	198	208	207	201	201	198	192	184	
17 Q	192	195	193	192	175	180	187	189	190	193	193	190	185	181	183	180	180	176	178	183	186	187	187	189	186	
18 Q	189	185	183	183	182	182	182	181	184	186	189	188	181	177	174	175	180	186	192	193	208	220	221	206	189	
19	193	186	186	183	181	181	183	183	183	183	180	176	175	175	175	160	153	154	165	172	174	183	184	182	177	
20 Q	182	187	196	189	185	184	182	181	182	184	184	183	189	178	163	157	159	167	176	182	191	197	195	195	181	
21 D	193	201	224	221	230	206	206	173	161	158	145	043	116	193	188	181	182	245	313	304	294	319	283	262	210	
22	193	218	158	100	095	111	038	124	149	172	179	187	202	202	202	209	208	211	204	208	212	227	245	229	178	
23	236	215	191	160	116	126	147	177	193	195	198	194	193	196	201	193	179	184	185	193	205	199	201	196	186	
24	199	202	202	199	148	147	148	106	159	181	182	188	176	171	172	170	185	191	196	203	219	226	235	225	185	
25	211	202	195	179	181	191	192	190	173	136	148	173	187	191	193	196	200	208	220	232	232	214	211	212	195	
26	208	201	198	196	191	178	181	192	195	194	193	189	187	190	190	191	184	184	182	178	178	184	193	196	190	
27	200	200	193	188	183	182	180	178	179	183	184	183	181	185	183	173	171	177	181	184	194	205	214	218	188	
28 D	206	195	194	179	164	179	191	164	185	185	165	153	169	175	179	181	188	193	211	320	359	397	247	300	212	
29 D	263	076	112	138	251	024	125	-002	038	078	067	069	032	077	137	144	182	192	216	230	230	230	235	225	140	
30	219	216	219	214	207	203	202	204	207	212	212	210	209	203	209	208	206	190	179	190	197	198	202	202	205	
31																										
Mean	214	202	194	187	181	168	168	160	167	172	178	178	179	183	185	184	188	192	201	211	218	226	225	223	191	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 24 Agincourt

June 1958

Day	Horizontal Intensity					Declination					Vertical Intensity										
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range						
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +								
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ			
1 D	00	01	1313	05	48	472	841	05	43	41.8	01	07	-8.7	50.5	00	53	392	05	43	6	386
2	21	05	715	07	09	477	238	07	07	50.8	10	16	8.4	42.4	02	35	237	07	00	75	162
3 Q	20	43	741	16	04	641	100	17	17	32.2	13	10	10.6	21.6	20	10	208	13	02	178	30
4 Q	21	41	733	15	52	666	67	19	00	31.4	12	35	8.8	22.6	10	05	197	15	06	170	27
5	21	30	750	16	20	662	88	17	26	28.2	13	07	4.6	23.6	11	15	198	15	10	175	23
6	21	47	887	15	05	656	231	19	30	28.4	11	21	5.9	22.5	22	55	283	07	59	151	132
7 D	01	15	839	04	07	215	624	04	20	84.9	01	23	-22.8	107.7	01	14	385	08	50	-207	592
8	22	32	779	15	21	672	107	20	13	32.3	12	46	10.6	21.7	23	55	262	06	40	123	139
9	23	55	982	12	56	633	349	18	48	29.1	11	35	-0.1	29.2	23	56	417	06	39	123	294
10	00	16	998	02	34	512	486	01	34	67.0	02	16	-9.6	76.6	00	01	415	01	27	-55	470
11	20	51	780	16	07	635	145	03	54	35.1	12	48	3.1	32.0	00	01	253	03	47	115	138
12	22	19	752	16	00	623	129	16	34	28.9	04	57	2.6	26.3	21	48	231	04	47	133	98
13	21	52	757	16	09	666	91	18	30	30.2	12	11	10.1	20.1	21	52	211	04	55	136	75
14	22	42	830	15	37	663	167	18	28	31.1	12	32	6.2	24.9	23	50	254	18	09	172	82
15	06	40	768	09	30	642	126	18	43	31.1	12	23	3.2	27.9	00	01	244	05	34	129	115
16	21	02	731	16	24	634	97	06	43	32.1	12	44	7.8	24.3	19	00	213	06	48	118	95
17 Q	20	28	735	15	51	662	73	18	23	28.9	12	50	8.8	20.1	01	05	195	04	31	168	17
18 Q	20	55	757	15	21	652	105	20	06	31.3	12	11	6.6	24.7	21	58	231	15	04	171	60
19	21	33	774	16	06	671	103	18	43	32.6	12	28	4.8	27.8	00	10	212	17	00	147	65
20 Q	22	05	784	15	50	663	121	19	20	27.5	12	56	7.3	20.2	22	56	201	16	31	154	47
21 D	21	32	949	11	06	510	439	16	42	31.3	12	02	-15.8	47.1	21	25	373	10	32	2	371
22	00	17	826	06	38	559	267	03	17	38.2	00	08	-35.7	73.9	00	04	376	06	22	-39	415
23	20	25	754	14	51	641	113	18	20	32.3	12	25	8.5	23.8	00	39	239	04	16	99	140
24	22	20	775	15	22	639	136	05	08	31.1	11	20	8.1	23.0	22	18	238	07	32	92	146
25	22	45	762	14	42	656	106	09	35	30.0	12	20	10.9	19.1	20	05	240	10	03	124	116
26	22	16	757	14	28	652	105	18	10	33.5	12	27	10.6	22.9	00	15	214	06	08	170	44
27	21	27	775	15	40	667	108	20	15	24.5	12	48	7.0	17.5	23	01	223	16	01	169	54
28 D	(21	50	1471)	10	20	660	(811)	23	59	40.9	21	56	-13.5	54.4	21	38	447	07	42	145	302
29 D	00	17	983	05	50	-79)	(1062)	05	40	146.3	01	56	-17.1	163.4	05	50	438	05	39	-186	624
30	21	58	742	15	50	668	74	17	56	25.5	14	22	8.7	16.8	02	36	221	18	14	172	49
31																					
Mean			840			590	250			38.9			1.3	37.6			275			98	177
No. days			30			30	30			30			30	30			30			30	30

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 25 Agincourt (H)

15,000 γ +

July 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	714	719	700	690	696	696	702	707	697	699	691	680	683	684	683	670	693	719	736	744	747	729	720	714	705	
2 Q	704	706	707	703	701	703	711	714	708	705	703	699	696	693	677	678	684	689	702	716	719	783	731	727	705	
3	718	710	716	715	709	719	716	717	722	730	720	711	709	704	695	663	639	655	701	716	723	734	719	721	708	
4	719	721	719	721	715	722	719	724	690	687	686	698	693	684	673	680	658	647	684	722	734	740	736	714	703	
5	699	706	715	714	714	716	717	720	719	722	717	719	698	675	691	703	697	698	709	724	751	788	757	724	716	
6 Q	722	719	707	701	711	714	708	711	709	705	708	703	698	691	681	678	696	708	719	727	736	742	734	723	711	
7	719	722	720	714	719	718	721	727	721	725	708	736	733	707	691	676	693	717	744	727	739	770	752	722	722	
8 D	725	736	729	716	716	714	702	711	678	626	564	456	430	567	382	267	372	812	888	1499	1026	1316	1194	868	738	
9 D	730	684	625	604	594	547	537	438	494	393	487	403	422	418	506	587	609	634	661	675	696	701	755	738	581	
10	719	686	686	672	670	663	656	657	648	647	652	655	645	637	645	637	633	646	658	683	699	728	760	745	672	
11	719	690	680	676	680	681	689	691	680	666	658	658	647	637	625	625	638	663	683	720	729	735	727	719	680	
12	735	699	708	709	701	695	705	698	681	670	683	684	687	679	684	663	663	668	678	692	716	709	711	711	693	
13	709	713	708	714	704	706	700	703	700	699	684	677	680	668	659	648	664	700	709	706	707	720	742	724	698	
14	716	720	716	709	701	697	701	704	690	697	696	695	688	680	673	669	669	692	709	704	706	712	715	716	699	
15 Q	711	706	704	702	697	702	704	703	705	704	700	700	686	675	669	671	683	699	720	713	719	735	729	717	702	
16 Q	711	702	702	706	708	702	706	704	697	694	696	692	686	682	671	662	668	679	694	703	709	724	734	714	698	
17	742	720	708	706	716	695	684	706	708	703	695	702	698	693	681	671	673	686	698	703	714	727	727	733	704	
18 D	738	746	728	711	714	718	705	614	700	711	701	688	692	685	687	673	671	687	718	699	701	735	776	736	706	
19	713	706	705	712	705	700	697	685	673	692	697	690	679	670	650	660	668	682	699	728	724	756	787	735	701	
20	711	707	694	669	701	688	698	692	682	690	682	664	662	672	677	657	662	683	696	702	733	733	701	711	690	
21 D	716	721	711	710	716	717	714	700	692	702	695	697	683	672	665	675	690	703	818	800	751	741	729	703	714	
22	701	695	716	702	714	722	712	711	719	715	717	705	697	689	682	671	671	688	710	723	723	726	719	718	706	
23 Q	709	707	709	705	706	704	705	704	701	704	704	698	687	676	681	663	657	667	686	690	708	725	725	722	698	
24	719	723	708	708	702	706	707	708	710	703	705	705	686	702	679	670	696	689	679	713	701	706	737	707	705	
25	721	725	717	723	718	720	717	684	678	666	674	673	664	647	655	648	652	670	713	722	729	747	757	752	701	
26	704	697	694	698	697	698	697	696	692	687	685	678	674	672	655	643	648	664	698	708	710	722	715	716	692	
27 D	714	712	712	708	710	699	704	585	613	663	693	677	621	641	652	656	664	687	737	762	808	797	802	752	699	
28	729	725	700	701	709	699	705	696	694	694	692	693	694	690	681	671	678	684	697	708	731	737	726	725	703	
29	713	713	712	712	711	707	707	708	710	708	706	705	694	684	675	672	686	695	725	720	743	724	718	720	707	
30	721	719	717	719	722	726	736	731	716	717	713	707	696	692	675	668	665	681	718	728	749	731	718	708	711	
31	707	703	707	711	712	716	709	705	707	698	692	700	700	693	676	651	646	666	718	735	724	728	720	709	703	
Mean	717	711	706	702	703	700	700	689	688	685	684	676	668	667	657	649	658	686	713	742	736	753	751	727	699	

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 26 Agincourt (D) West

7° + ...'

July 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	20.0	08.2	16.4	16.6	16.5	17.7	21.9	19.2	19.6	17.7	17.9	15.4	13.8	16.1	19.7	22.1	26.7	27.6	28.7	28.8	25.5	22.0	20.3	19.3	19.9
2 Q	19.5	19.6	19.6	17.3	17.5	19.2	19.2	21.4	20.9	17.8	13.2	11.7	09.8	10.1	10.4	13.3	17.9	22.8	24.9	26.4	25.5	24.6	23.1	19.5	18.6
3	17.7	19.3	21.5	18.6	18.3	18.8	18.7	22.4	22.5	18.5	16.4	17.7	17.7	16.7	17.4	18.9	21.9	31.1	31.8	31.7	26.2	23.0	20.6	18.6	21.1
4	18.3	19.5	19.2	18.5	14.9	17.4	19.6	23.1	24.3	16.1	21.0	11.3	07.1	07.6	14.0	19.7	16.0	23.1	23.9	24.8	21.7	20.6	16.4	16.4	18.1
5	18.3	18.9	16.8	20.4	20.5	19.7	20.2	22.0	21.5	18.6	14.5	11.8	11.8	12.7	16.1	17.4	21.0	24.2	25.8	26.6	24.7	18.9	18.3	16.8	19.1
6 Q	17.6	15.7	15.7	16.6	18.5	19.9	20.3	19.5	19.1	17.8	15.0	12.2	10.9	10.1	12.6	17.0	19.5	22.2	24.3	26.4	26.6	24.3	21.2	20.3	18.5
7	19.6	18.5	19.4	18.0	17.2	18.2	18.5	19.4	17.4	19.1	19.8	10.2	08.8	10.2	15.6	19.9	24.6	25.9	25.1	29.5	28.7	23.7	21.2	20.2	19.5
8 D	21.7	20.2	17.3	17.3	18.3	19.3	20.1	24.4	40.7	07.5	12.9	18.3	22.0	35.0	13.8	06.6	06.6	15.5	13.9	106.8	21.2	00.9	33.9	17.4	04.2
9 D	21.4	19.9	24.6	28.7	25.9	29.3	27.7	37.2	39.9	55.4	36.8	46.9	42.9	51.0	45.3	30.9	25.0	24.5	24.2	25.2	23.6	21.4	15.8	16.2	30.8
10	17.2	12.2	20.0	21.5	18.5	22.7	20.4	21.8	22.2	20.4	15.9	13.5	13.8	14.0	14.9	15.8	18.8	22.9	25.5	27.4	27.0	24.1	20.6	17.6	19.5
11	20.0	20.5	16.5	22.0	23.1	22.4	23.2	21.9	19.3	20.1	16.8	12.5	08.5	10.4	15.4	20.6	25.6	29.5	28.3	26.5	24.6	23.9	23.1	23.7	20.8
12	23.2	22.4	20.4	21.3	14.5	19.1	19.3	20.2	28.2	20.6	15.0	09.8	07.9	09.2	14.0	18.7	23.7	21.8	27.7	26.3	22.9	22.7	22.8	21.2	19.7
13	20.5	19.9	12.5	19.1	17.6	16.3	20.4	18.8	19.0	20.3	20.9	15.0	13.8	16.7	20.0	24.2	25.8	28.6	31.1	29.6	27.0	23.0	21.1	22.4	21.0
14	19.6	20.9	20.4	22.9	20.2	17.2	18.0	20.2	32.2	19.0	10.2	10.2	15.3	16.7	19.3	21.6	24.8	26.6	23.9	24.4	24.2	23.0	20.9	19.6	20.5
15 Q	19.6	20.1	19.5	18.6	16.7	21.3	19.5	19.6	21.0	17.3	14.7	14.8	15.6	18.1	22.0	24.2	24.7	25.4	26.5	26.7	26.0	22.5	20.0	19.2	20.6
16 Q	18.4	19.3	19.4	19.3	16.4	20.0	20.0	19.5	19.3	16.3	13.6	13.2	12.5	14.7	17.6	19.8	24.5	27.3	29.2	29.2	27.8	25.5	23.0	19.9	20.2
17	16.7	15.8	17.2	19.3	07.6	15.2	13.6	16.7	18.6	14.5	14.0	10.4	08.9	09.8	12.9	17.6	24.1	26.8	28.1	28.2	27.8	25.6	22.3	20.5	18.0
18 D	18.5	19.6	20.8	17.3	18.9	20.1	19.1	41.6	13.6	11.7	08.4	08.5	12.5	02.9	11.6	17.1	18.3	27.2	27.2	30.1	27.6	23.7	18.9	11.8	18.6
19	19.9	20.8	19.4	15.6	15.6	18.0	20.0	19.4	13.7	12.1	11.6	09.0	08.9	10.4	17.1	23.2	24.5	28.3	29.2	27.8	24.8	22.0	21.6	17.1	18.7
20	20.1	16.3	18.3	22.6	19.6	17.4	22.3	20.0	13.9	16.0	15.3	13.0	12.7	11.2	11.8	14.1	20.9	25.0	26.0	26.0	24.8	23.1	21.4	18.4	18.8
21 D	19.6	19.8	18.1	20.0	20.4	22.0	16.7	18.0	17.7	16.8	13.5	11.3	10.2	12.5	15.0	20.5	21.3	25.0	19.8	22.3	28.2	25.0	23.1	21.4	19.1
22	21.8	13.7	18.2	16.2	18.4	19.8	18.9	19.5	20.2	23.0	16.3	16.3	13.9	13.3	17.5	21.6	22.7	24.1	23.8	23.6	24.1	23.2	22.6	21.7	19.8
23 Q	21.8	21.9	21.3	20.1	20.2	20.1	19.5	19.2	18.3	16.7	14.4	11.2	10.6	10.8	14.3	17.9	23.6	27.7	30.4	30.2	27.8	24.7	22.7	20.1	20.2
24	20.1	21.1	21.1	23.2	22.3	19.0	19.1	19.1	19.0	17.3	14.7	12.2	09.4	11.2	10.3	19.7	25.5	24.8	33.2	28.7	29.1	26.5	21.8	21.3	20.4
25	22.5	22.1	21.7	21.0	20.7	19.6	19.4	17.1	17.6	15.5	23.1	17.1	08.0	08.3	13.8	19.9	23.3	26.0	24.0	21.9	22.6	21.0	16.3	15.3	19.1
26	17.5	18.9	15.7	23.9	19.7	21.2	22.1	24.7	24.5	21.8	14.0	10.7	08.8	09.6	12.9	19.5	24.9	28.4	27.1	25.3	22.7	20.0	19.7	19.5	19.7
27 D	19.5	17.3	16.7	18.2	17.9	17.3	17.3	29.3	25.8	10.6	02.6	01.0	05.9	13.0	16.6	22.5	25.1	26.5	27.7	27.3	23.8	21.8	19.8	21.5	18.3
28	17.8	21.3	20.9	21.9	23.1	20.8	19.4	19.0	18.1	15.9	11.5	07.5	06.4	09.1	14.6	20.8	24.9	29.0	31.0	30.0	28.2	26.3	22.8	21.0	20.1
29	21.1	21.1	20.7	20.7	21.9	20.3	20.3	19.7	18.8	16.9	13.7	11.6	10.2	10.9	13.8	19.8	25.5	29.2	28.7	29.2	27.0	24.8	20.9	18.5	20.2
30	19.9	20.4	18.9	17.4	21.5	21.8	22.8	23.5	21.3	19.4	14.9	13.0	11.7	13.3	16.7	23.6	27.3	33.3	32.2	30.4	25.8	21.3	18.9	15.8	21.0
31	16.8	18.4	19.4	20.8	21.2	20.8	17.4	23.9	21.7	18.1	16.2	13.9	08.0	07.2	11.6	14.6	18.4	29.2	31.1	31.0	28.7	23.7	19.9	16.4	19.5
Mean	19.5	18.8	18.9	19.8	18.8	19.7	19.8	21.9	21.6	18.3	15.2	13.2	10.7	11.3	15.1	19.4	22.5	25.1	26.8	23.0	24.2	22.4	21.1	18.9	19.4

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 27 Agincourt (Z)

56,000 γ +

July 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	203	214	202	193	182	165	134	174	173	178	184	172	188	197	197	192	198	198	198	197	197	196	200	198	189
2 Q	197	195	194	193	191	190	183	179	178	180	189	190	190	184	177	180	186	186	184	188	198	209	215	220	191
3	215	202	194	190	187	182	180	182	176	188	191	191	184	176	177	173	165	180	197	208	221	226	215	202	192
4	195	192	190	188	182	179	185	166	124	136	134	158	184	192	195	192	194	197	209	227	255	262	256	239	193
5	214	201	191	188	188	185	179	178	179	190	191	194	194	191	192	193	191	190	189	192	202	218	225	219	195
6 Q	208	202	197	194	191	188	187	189	188	190	192	190	188	188	189	191	190	186	195	200	198	197	191	189	192
7	190	191	190	189	184	181	184	184	182	178	156	154	161	171	177	174	177	179	185	185	190	201	206	209	182
8 D	207	207	196	196	194	190	174	138	024	057	(-165 -278)	020	126	126	126	114	206	469	415	124	262	172	166	203	148
9 D	281	275	279	317	276	276	169	186	171	147	120	093	132	133	171	209	235	252	253	251	249	240	259	271	219
10	257	238	193	220	202	209	214	205	207	217	222	218	214	216	214	219	220	222	238	244	246	250	263	250	225
11	246	237	219	215	210	211	209	205	209	202	187	183	184	192	197	198	200	199	204	220	241	245	237	227	212
12	228	227	219	210	185	196	204	198	151	135	162	177	181	191	202	213	203	193	204	203	213	219	213	208	197
13	204	204	192	167	180	167	157	180	191	185	165	162	168	165	163	168	184	196	197	202	202	202	210	207	184
14	208	203	201	186	178	193	193	189	154	154	173	185	180	173	175	174	179	186	189	199	214	215	213	210	189
15 Q	205	204	202	196	190	180	184	189	184	179	186	189	189	187	185	180	183	189	197	204	216	226	228	222	196
16 Q	215	204	199	195	180	183	186	186	191	192	196	195	195	191	187	194	201	205	214	220	223	227	226	227	201
17	227	192	197	196	156	115	144	173	193	200	204	199	196	196	202	204	197	192	197	202	208	210	208	209	192
18 D	208	211	216	215	215	205	199	079	169	201	203	189	177	181	186	183	187	195	205	209	215	231	250	247	199
19	215	204	202	193	184	192	167	090	133	179	194	197	196	191	190	178	175	179	182	204	227	256	275	247	193
20	222	228	223	169	187	119	157	148	152	192	196	185	169	167	176	182	199	204	194	190	197	203	205	211	186
21 D	209	205	208	208	179	173	174	167	184	191	189	194	190	188	186	188	187	187	220	299	235	220	243	229	202
22	214	211	200	196	157	186	193	194	196	188	184	185	178	182	186	187	182	185	187	202	206	202	194	191	191
23 Q	191	192	193	192	192	192	192	191	193	196	196	193	190	181	181	179	185	191	193	191	194	203	204	203	192
24	202	203	204	197	194	191	194	197	197	194	194	197	194	193	187	191	186	186	187	199	205	205	216	203	196
25	196	194	192	191	190	192	181	145	143	149	146	137	161	176	186	185	193	206	242	262	240	236	262	259	194
26	239	220	209	180	194	198	196	181	179	184	198	198	208	204	199	200	202	203	205	210	214	216	209	207	202
27 D	204	203	194	182	187	166	139	115	122	133	178	180	163	152	167	181	186	196	234	281	311	310	299	284	199
28	266	243	224	209	207	204	210	206	201	203	204	200	201	206	207	201	197	189	186	187	194	196	192	189	205
29	188	191	189	189	191	189	189	190	192	193	192	191	188	182	178	182	184	183	180	182	194	193	195	196	188
30	192	189	188	187	187	188	176	169	185	192	196	194	188	182	187	185	177	182	186	194	221	229	222	210	192
31	200	194	194	192	188	182	168	168	170	179	183	175	174	180	183	175	176	182	191	183	189	201	204	207	185
Mean	214	209	203	198	191	186	181	172	171	177	172	167	178	182	185	186	191	203	208	208	219	220	223	219	194

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 28 Agincourt

July 1958

Day	Horizontal Intensity					Declination					Vertical Intensity										
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range						
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +								
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ			
1	20	13	756	15	21	657	18	47	30.5	01	42	-0.2	30.7	01	52	219	06	26	110	109	
2 Q	22	12	747	15	45	668	19	13	27.7	12	16	9.3	18.4	23	51	224	14	29	173	51	
3	21	32	753	17	17	617	19	06	34.4	10	50	14.1	20.3	21	30	232	16	45	156	76	
4	22	15	754	17	38	638	08	13	29.5	12	57	4.8	24.7	22	13	266	08	41	105	161	
5	21	52	805	13	25	660	19	26	27.9	13	30	8.4	19.5	22	27	230	07	40	175	55	
6 Q	21	33	747	14	56	675	19	55	27.3	12	59	9.5	17.8	00	01	212	17	25	185	27	
7	21	45	796	15	38	671	19	50	31.1	11	40	6.1	25.0	23	58	215	11	03	147	68	
8 D	(19	30	1754)	15	27	130	(1624)	21	43	71.7	(19	15	-50.0)	(221.7)	17	28	664	(11	30	-488)	(1152)
9 D	00	01	935	07	51	81	854	09	27	80.5	00	22	-6.2	86.7	00	22	408	11	48	33	375
10	22	40	794	16	10	627	167	19	24	28.3	01	45	-8.4	36.7	00	02	281	02	22	180	101
11	21	43	773	15	46	616	157	17	50	30.6	13	00	7.0	23.6	21	42	262	11	58	181	81
12	00	35	753	15	05	643	110	08	25	31.8	04	14	2.1	29.7	00	53	243	09	08	110	133
13	22	12	767	15	19	643	124	18	23	32.0	02	44	2.2	29.8	22	10	221	06	15	144	77
14	01	16	734	16	05	664	70	08	34	39.4	11	03	8.8	30.6	20	55	216	08	45	127	89
15 Q	20	58	742	15	05	668	74	20	05	27.6	10	25	14.0	13.6	22	27	231	05	14	173	58
16 Q	22	16	739	15	08	655	84	19	11	30.1	12	06	11.4	18.7	23	21	233	04	50	174	59
17	01	02	775	15	37	668	107	20	16	28.8	04	47	-3.8	32.6	00	56	232	05	10	102	130
18 D	22	26	801	07	28	573	228	07	26	62.8	13	27	-2.8	65.6	23	11	275	07	20	9	266
19	22	36	814	14	24	633	181	19	09	33.8	11	33	8.2	25.6	22	38	286	07	20	55	231
20	21	08	746	03	16	643	103	03	08	36.2	13	32	9.9	26.3	02	07	239	05	39	64	175
21 D	19	30	960	16	38	622	338	18	52	43.9	16	44	5.8	38.1	19	28	433	16	39	155	278
22	19	08	740	13	41	659	81	09	30	27.1	01	42	7.4	19.7	00	41	217	04	25	128	89
23 Q	21	31	730	16	00	654	76	18	27	31.0	13	01	8.9	22.1	00	30	217	04	24	128	89
24	22	48	763	15	22	650	113	18	30	35.9	12	55	7.0	28.9	22	46	223	17	10	179	44
25	23	01	776	16	24	634	142	18	01	30.0	12	50	6.0	24.0	22	51	282	07	54	122	160
26	21	12	724	15	25	638	86	17	31	29.1	12	18	7.9	21.2	00	04	269	03	24	156	113
27 D	12	41	849	07	50	505	344	07	52	40.9	11	23	-6.5	47.4	21	40	331	07	30	49	282
28	22	03	751	15	11	670	81	19	14	32.1	12	25	6.0	26.1	00	10	284	23	52	175	109
29	20	08	767	14	52	669	98	18	26	29.8	13	00	9.2	20.6	20	06	199	18	54	170	29
30	20	47	768	16	41	656	112	17	30	35.9	12	14	11.4	24.5	21	46	240	07	04	150	90
31	21	26	745	16	33	623	122	17	52	35.6	13	04	6.0	29.6	23	42	211	06	35	157	54
Mean			808			607	201			35.9			0.4	35.5			267			112	115
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 29 Agincourt (H)

15,000 γ +

August 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	712	708	713	712	714	716	718	717	720	710	696	677	667	693	687	679	680	692	714	725	716	722	708	716	705
2	707	712	713	716	718	711	714	722	723	718	712	700	692	678	687	673	680	696	733	739	729	730	726	739	711
3	738	717	722	701	706	715	708	707	707	715	706	694	692	672	647	655	665	687	702	716	723	723	722	714	702
4 Q	714	717	717	707	711	713	716	716	711	705	707	711	704	693	686	687	687	692	697	708	722	721	723	718	708
5 Q	717	718	721	720	716	717	717	717	708	706	710	706	706	696	685	684	686	705	717	726	728	734	734	718	712
6 Q	712	719	719	721	723	723	716	716	714	708	707	705	697	683	669	663	673	696	716	734	740	734	732	727	710
7	726	726	727	721	716	723	727	727	716	711	710	702	690	711	691	665	656	680	700	721	716	717	719	723	709
8 Q	721	723	723	719	719	719	717	713	711	710	710	705	692	662	650	649	662	685	701	718	727	735	735	732	706
9	731	719	712	715	710	716	718	717	716	715	710	705	691	674	661	647	655	685	708	719	747	734	712	724	706
10	733	725	725	726	730	732	724	702	711	719	716	705	700	680	668	674	691	716	723	741	736	735	735	719	715
11	716	728	719	728	721	710	697	698	716	704	681	690	691	678	665	654	653	679	708	741	748	745	731	721	705
12	718	715	716	710	715	711	706	709	710	700	701	694	683	682	683	674	675	689	706	726	745	730	726	726	706
13	735	729	719	724	725	710	675	697	702	703	692	686	675	659	650	649	663	689	713	720	724	722	720	715	700
14	721	724	725	715	714	712	710	709	706	702	701	697	685	670	658	655	662	682	707	723	740	746	738	719	705
15	696	713	714	723	723	714	715	709	705	701	704	700	682	659	649	664	681	699	724	747	740	742	735	731	707
16	732	719	699	709	709	713	715	714	711	710	710	711	704	674	667	654	660	694	724	730	731	725	723	719	707
17 D	720	720	718	720	723	725	746	731	695	656	674	690	684	675	659	639	638	745	812	858	935	802	821	769	731
18 D	707	694	684	677	685	664	681	682	680	669	668	664	657	644	639	631	633	657	675	694	706	713	715	709	676
19	700	705	696	703	703	704	702	704	701	692	689	684	669	657	645	634	637	648	674	694	716	720	731	723	689
20 Q	722	720	720	715	716	718	715	714	712	710	704	696	684	663	647	643	660	683	698	717	720	720	727	715	702
21	715	718	720	716	720	718	717	717	716	713	711	705	694	687	679	669	675	700	718	732	736	730	738	726	711
22 D	729	723	742	721	703	703	608	690	686	681	681	673	665	666	647	624	649	682	674	706	710	719	716	715	688
23	710	711	711	713	724	707	705	702	705	709	709	709	704	695	689	682	686	699	705	724	707	719	732	721	707
24 D	707	748	784	681	410	594	678	633	665	644	640	561	587	612	650	653	645	659	663	678	694	706	723	709	655
25	709	690	694	672	663	667	669	696	696	694	685	697	688	679	675	656	648	656	672	693	706	711	706	701	684
26	703	707	701	696	708	688	673	669	678	669	654	637	632	641	641	633	646	659	676	697	711	720	715	720	678
27 D	718	730	720	733	698	651	571	397	574	515	622	653	668	652	607	615	619	622	678	717	733	723	714	691	651
28	686	693	697	702	705	703	691	691	683	676	670	673	646	621	603	625	647	658	694	737	738	747	714	709	684
29	696	698	701	702	706	703	704	701	698	691	668	663	650	637	624	626	636	652	675	709	736	719	724	709	685
30	710	706	712	714	706	710	712	712	710	706	695	692	673	645	646	640	653	673	692	709	723	734	731	714	697
31	716	709	712	717	713	711	717	709	709	715	703	694	675	662	650	630	635	668	694	707	715	719	720	717	697
Mean	715	716	716	711	702	704	699	695	700	693	692	686	678	668	658	652	659	681	703	723	732	729	727	720	698

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 30 Agincourt (D) West

7° + ...'

August 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	18.0	20.3	20.7	21.1	20.5	20.7	20.6	19.9	18.6	16.8	18.2	15.2	11.0	09.2	14.4	18.2	26.5	32.1	34.4	32.0	30.1	23.8	20.4	17.7	20.8
2	17.3	18.2	20.2	19.0	18.1	17.3	20.1	21.4	24.6	20.1	13.8	12.0	14.5	14.1	16.4	19.3	28.3	33.2	31.0	29.4	28.1	23.2	19.5	18.2	20.7
3	17.3	10.1	11.7	18.3	18.5	25.5	16.9	16.9	26.4	19.5	14.7	15.5	11.4	08.6	12.8	19.3	25.2	28.7	30.9	29.0	25.3	22.1	19.2	17.9	19.2
4 Q	19.1	19.5	18.6	15.3	18.4	18.7	19.4	20.1	20.2	18.4	15.3	12.8	10.4	12.8	14.5	17.3	19.1	22.9	25.4	26.5	25.5	24.1	22.1	20.2	19.0
5 Q	19.9	20.2	20.1	19.1	18.4	19.0	21.1	20.0	19.4	19.3	15.7	13.4	10.3	10.9	16.3	20.4	23.6	27.5	29.2	29.1	26.1	23.0	20.7	19.5	20.1
6 Q	18.6	19.2	20.0	20.4	20.7	20.6	20.0	19.6	18.4	16.7	13.8	09.3	07.6	09.0	12.8	20.3	28.7	31.1	31.2	29.9	26.5	23.3	20.7	20.5	20.0
7	20.7	20.6	20.2	20.2	19.9	19.7	19.1	18.5	19.5	21.7	11.8	09.2	09.8	09.1	09.8	14.5	20.6	25.0	29.7	29.8	29.4	25.8	22.8	20.6	19.5
8 Q	20.4	21.1	20.9	20.0	20.4	19.4	19.3	18.3	18.0	17.2	14.4	10.1	07.9	06.1	11.2	18.9	23.7	27.8	28.3	27.5	26.1	23.6	20.6	18.3	19.1
9	18.3	19.6	20.9	18.1	15.9	18.7	19.5	19.2	18.3	16.9	14.1	10.1	07.4	07.4	11.1	15.3	22.6	28.4	31.1	31.8	30.0	27.3	25.2	22.8	19.6
10	21.8	21.9	22.0	21.8	20.6	19.7	17.2	14.2	14.9	15.0	12.5	08.9	07.2	11.0	16.5	22.6	27.4	31.7	32.1	27.0	25.2	21.7	17.6	16.9	19.5
11	20.1	20.1	14.3	14.2	16.2	12.5	13.7	19.2	23.7	19.1	19.1	05.9	05.4	06.9	12.6	19.6	22.8	26.5	26.4	25.4	23.1	20.9	19.1	19.5	17.8
12	20.7	21.4	20.2	19.4	17.6	21.6	14.8	15.2	16.2	15.3	10.8	09.0	09.8	11.1	14.6	19.9	23.8	26.6	27.0	25.6	22.4	20.0	19.9	20.6	18.5
13	20.1	22.1	22.5	21.4	20.0	23.6	15.3	11.5	16.5	14.8	13.0	14.0	11.3	11.7	17.1	23.3	29.1	31.1	32.4	31.2	27.9	24.3	22.6	22.5	20.8
14	22.1	21.8	22.4	20.9	21.5	20.8	20.2	19.1	18.1	16.9	14.6	12.6	11.9	13.5	18.2	24.4	30.8	33.1	33.8	30.4	24.7	20.8	16.3	16.1	21.0
15	16.9	20.5	21.5	21.4	17.1	19.3	20.2	19.5	18.2	14.9	11.8	09.6	06.7	07.6	14.6	23.5	29.5	32.7	32.3	29.7	25.7	21.7	19.1	19.0	19.7
16	20.1	20.7	20.5	20.0	20.3	20.6	19.9	19.0	18.8	17.1	13.7	10.4	08.1	07.1	13.7	19.0	25.7	35.6	32.0	30.9	28.2	23.9	20.4	19.2	20.2
17 D	20.2	20.3	19.9	19.6	19.0	18.9	17.6	17.2	15.8	11.3	09.8	05.5	04.2	04.2	07.0	16.8	28.0	13.7	14.1	11.8	08.7	21.4	18.2	15.3	15.0
18 D	20.7	22.0	24.7	25.5	21.0	21.1	21.1	21.2	18.8	17.4	14.8	08.9	06.3	08.5	12.7	19.0	25.6	30.2	31.0	31.1	28.4	24.7	22.4	21.1	20.8
19	20.7	21.2	16.3	16.6	21.8	23.0	23.3	21.2	19.2	18.9	17.4	11.4	07.2	08.3	11.9	16.7	23.8	30.3	32.8	31.8	29.2	26.3	22.7	20.0	20.5
20 Q	20.0	20.6	20.9	19.8	20.7	21.4	19.5	20.8	21.1	18.2	15.2	11.7	10.8	11.4	17.1	22.9	28.1	31.0	31.4	28.9	26.4	24.5	22.0	21.8	21.1
21	22.7	21.8	20.7	20.1	20.0	20.1	19.4	18.5	17.7	16.9	15.1	12.7	10.8	12.5	14.9	18.1	23.5	29.0	30.2	29.4	27.4	24.6	21.6	19.5	20.3
22 D	21.6	20.6	15.9	16.1	18.2	18.0	13.1	11.4	15.0	13.4	09.9	04.9	04.4	05.5	10.8	14.5	26.5	28.2	29.0	25.6	25.4	23.7	22.5	21.9	17.3
23	21.9	21.6	20.8	20.9	21.3	16.8	17.3	18.1	17.5	16.5	14.5	12.0	11.5	12.3	17.1	20.1	24.2	26.7	28.4	26.4	25.9	23.8	20.5	19.9	19.8
24 D	20.6	15.9	09.8	29.2	37.8	12.7	14.1	24.1	18.8	19.0	16.8	28.1	15.6	09.0	06.5	15.1	18.2	20.0	24.4	23.2	21.6	20.4	20.2	21.6	18.5
25	20.6	18.4	18.1	21.6	12.4	14.0	21.9	22.0	19.6	21.2	20.6	14.0	10.9	13.3	16.5	21.2	26.2	29.5	30.3	28.0	24.3	20.1	18.2	18.7	20.1
26	19.0	19.1	19.3	19.3	18.9	20.5	16.5	22.5	18.2	23.4	20.0	16.1	14.2	14.7	15.1	23.6	29.8	33.4	33.7	28.6	23.9	20.2	18.6	19.2	21.1
27 D	21.0	19.1	18.2	16.5	21.5	24.3	21.0	26.2	14.5	08.2	10.9	13.1	01.9	02.1	14.6	26.2	28.8	34.4	31.2	26.9	22.8	21.3	17.8	18.3	19.2
28	21.6	21.0	20.6	19.0	18.3	16.8	20.0	22.9	21.6	18.6	15.0	10.2	07.4	12.4	19.9	29.2	31.5	34.3	33.0	28.8	24.4	19.2	15.7	17.1	20.8
29	20.7	20.8	19.9	18.8	20.5	19.7	19.9	20.2	19.7	17.7	17.1	13.4	06.4	11.3	15.9	21.6	27.7	32.1	31.7	28.0	23.4	20.2	17.8	16.5	20.1
30	16.4	20.0	19.2	18.3	18.3	20.5	21.7	22.7	22.0	16.4	13.2	10.0	08.1	10.0	18.2	23.6	29.7	34.3	34.6	32.5	27.8	22.1	18.2	18.2	20.7
31	19.3	18.9	16.7	17.4	18.3	18.2	20.0	17.2	18.4	19.5	15.1	10.4	09.6	11.7	16.1	20.5	30.7	35.7	33.7	30.9	26.8	22.0	19.6	19.1	20.2
Mean	19.9	19.9	18.7	19.7	19.8	19.5	18.8	19.3	19.0	17.3	14.6	11.6	09.0	09.8	14.3	20.2	26.1	29.6	30.2	28.3	25.5	22.7	20.1	19.3	19.7

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 31 Agincourt (Z)

56,000 γ +

August 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	205	199	195	188	186	188	187	188	190	191	187	160	167	179	178	180	185	190	189	193	197	203	202	201	189	
2	196	195	191	188	182	182	183	181	173	176	187	188	182	173	163	161	161	163	166	173	187	196	198	199	181	
3	197	197	174	179	149	130	151	163	169	174	181	177	169	171	169	169	171	179	187	195	203	204	205	199	178	
4 Q	195	192	188	184	185	185	187	183	183	188	192	192	192	185	180	176	181	188	189	189	190	193	194	193	188	
5 Q	192	189	188	188	186	185	185	181	183	188	188	186	188	188	185	180	183	191	198	202	202	207	208	202	191	
6 Q	197	193	191	187	188	186	187	187	187	188	192	189	187	183	182	188	189	188	191	194	196	197	196	192	190	
7	188	185	186	188	188	186	186	183	176	163	160	166	170	169	170	172	179	181	188	195	196	196	194	192	182	
8 Q	190	188	188	185	185	183	184	184	187	188	193	193	189	186	189	192	186	189	188	191	198	200	202	198	190	
9	194	194	194	191	189	189	188	187	187	188	189	188	189	183	175	174	171	177	182	188	199	200	198	193	187	
10	189	186	186	185	185	184	182	184	191	191	189	185	182	178	173	175	183	188	197	208	208	206	213	207	190	
11	196	192	183	155	158	155	172	168	159	155	134	158	164	162	166	181	189	194	192	194	197	197	202	196	176	
12	191	188	188	189	183	153	162	176	181	187	191	188	185	186	183	183	183	187	193	194	201	205	197	190	186	
13	197	194	192	189	189	151	106	168	192	185	184	177	181	183	185	187	189	192	194	195	192	189	195	185	183	
14	188	188	187	183	183	183	184	185	185	187	189	188	187	190	189	189	189	190	206	204	207	218	233	233	194	
15	215	200	195	194	163	176	188	189	189	191	195	190	187	182	182	178	180	181	186	193	190	189	189	187	188	
16	192	204	207	194	192	188	184	184	185	187	193	195	190	185	187	185	185	189	193	201	207	203	199	192	193	
17 D	188	185	183	183	183	183	182	179	140	153	143	184	195	187	178	178	190	249	399	346	369	299	353	342	224	
18 D	286	251	237	214	190	120	194	205	212	208	211	208	206	204	206	211	218	207	204	209	209	207	206	206	210	
19	204	199	195	186	189	176	172	183	189	190	191	189	187	188	188	191	196	201	208	213	211	207	207	200	194	
20 Q	195	193	193	190	186	181	180	182	179	186	189	189	189	189	190	185	175	178	182	187	190	192	195	191	187	
21	188	188	189	188	188	189	188	188	188	188	189	188	182	175	173	174	170	172	177	184	193	197	201	199	186	
22 D	196	199	196	148	167	208	124	199	215	210	205	200	185	191	190	188	185	186	183	185	190	193	193	191	189	
23	190	191	191	191	194	196	182	191	194	195	196	196	190	188	188	186	186	191	196	210	214	212	212	209	195	
24 D	204	199	161	044	085	135	150	121	130	132	164	105	117	171	208	210	214	223	222	224	222	223	219	207	171	
25	207	209	210	153	172	172	144	149	186	199	193	195	199	190	185	186	195	205	219	226	226	222	215	208	194	
26	206	204	200	203	183	172	159	128	154	134	108	118	152	171	186	202	213	216	219	221	222	220	213	207	184	
27 D	204	209	198	175	128	047	045	056	057	013	166	179	191	191	195	199	222	239	277	283	298	276	259	232	178	
28	212	207	204	197	194	189	188	182	177	188	197	205	200	203	197	198	204	214	235	253	250	240	222	209	207	
29	201	201	200	198	199	196	179	182	183	177	179	178	184	186	186	188	197	202	212	220	223	213	208	205	196	
30	205	200	197	196	194	195	179	183	171	182	194	195	194	193	191	187	194	197	200	202	207	212	210	202	195	
31	198	196	192	183	191	191	184	186	186	179	185	195	193	190	185	181	191	199	208	205	201	198	197	192	192	
Mean	200	197	193	181	179	173	170	174	177	176	182	182	183	184	184	185	189	195	206	209	213	210	210	205	190	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 32 Agincourt

August 1958

Day	Horizontal Intensity					Declination					Vertical Intensity				
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +		
h. m.	γ	h. m.	γ	γ	h. m.	'	h. m.	'	'	h. m.	γ	h. m.	γ	γ	
1	19 23	749	12 50	650	99	18 41	34.8	12 49	5.4	29.4	21 41	211	09 20	149	62
2	23 15	748	13 34	662	86	17 27	34.8	13 30	9.4	25.4	23 10	205	16 56	154	51
3	00 01	743	14 19	641	102	08 43	31.2	01 55	0.5	30.7	22 37	205	04 58	107	98
4 Q	22 24	729	14 19	681	48	19 10	27.5	12 37	9.4	18.1	22 25	197	15 50	174	23
5 Q	22 20	742	14 04	680	62	18 52	29.9	12 49	9.0	20.9	22 15	212	15 35	177	35
6 Q	20 08	744	15 09	660	84	18 17	31.9	12 41	6.9	25.0	00 10	200	14 15	177	23
7	06 55	732	16 37	651	81	18 37	31.3	11 10	6.3	25.0	21 45	200	09 51	154	46
8 Q	21 21	737	15 18	640	97	18 00	28.7	13 13	4.5	24.2	22 28	204	05 43	182	22
9	20 50	757	15 30	641	116	19 08	32.1	13 30	6.8	25.3	22 00	203	16 11	169	34
10	19 23	766	15 39	638	128	18 09	33.6	12 31	4.7	28.9	22 04	220	15 39	164	56
11	20 55	759	16 24	643	116	17 21	27.3	12 10	3.4	23.9	22 40	205	10 25	117	88
12	20 40	771	15 46	668	103	18 33	27.5	12 20	8.0	19.5	20 40	211	05 45	145	66
13	00 20	750	15 10	638	112	18 39	32.9	06 37	8.0	24.9	00 21	203	06 09	90	113
14	22 10	761	16 22	652	109	18 25	34.7	12 32	11.7	23.0	22 58	238	03 10	181	57
15	19 12	759	14 00	643	116	17 29	33.7	04 23	5.2	28.5	00 01	227	03 38	134	93
16	19 05	746	15 37	643	103	17 31	37.6	13 41	4.9	32.7	02 05	214	15 33	181	33
17 D	23 16	1056	14 50	505	551	16 44	41.8	14 54	-15.4	57.2	23 36	478	08 34	106	372
18 D	00 01	782	15 51	627	155	19 24	32.0	12 10	4.0	28.0	00 05	341	05 18	60	281
19	22 26	739	15 48	629	110	18 12	33.5	12 40	5.9	27.6	19 50	216	06 05	162	54
20 Q	22 33	736	15 16	638	98	18 10	32.1	12 20	9.0	23.1	22 34	200	08 04	175	25
21	22 07	755	15 37	665	90	18 42	30.9	12 35	9.4	21.5	22 13	206	16 36	168	38
22 D	02 47	779	06 23	367	412	18 27	30.8	02 56	-13.8	44.6	05 07	240	06 25	14	226
23	22 33	745	16 51	672	73	19 05	29.3	06 00	8.3	21.0	19 46	220	06 15	162	58
24 D	02 16	817	04 40	288	529	04 22	88.1	02 25	-27.7	115.8	18 48	239	03 50	-128	367
25	00 20	729	13 00	635	94	18 17	30.9	13 01	4.9	26.0	19 49	230	06 58	118	112
26	21 43	734	12 55	616	118	17 54	35.1	12 35	10.0	25.1	21 43	226	07 20	87	139
27 D	03 18	759	07 06	306	453	07 06	44.6	12 35	-2.2	46.8	20 30	305	06 23	-64	369
28	19 57	757	14 43	594	163	17 54	36.3	12 38	6.8	29.5	19 51	258	08 14	175	83
29	20 28	747	14 38	618	129	17 47	33.9	12 16	4.2	29.7	20 28	225	10 04	169	56
30	22 27	747	15 20	629	118	18 03	35.5	13 00	6.8	28.7	22 27	215	08 46	168	47
31	06 18	723	15 50	621	102	17 40	36.6	13 02	9.0	27.6	18 35	210	09 40	174	36
Mean		761		608	153		34.9		4.0	30.9		231		129	102
No. days		31		31	31		31		31	31		31		31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 33 Agincourt (H)

15,000 γ +

September 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	715	715	714	714	714	716	717	716	716	709	706	704	690	673	655	647	654	667	689	704	712	714	716	717	700
2	716	716	712	717	715	715	716	717	717	717	712	701	686	670	646	637	647	666	695	712	727	730	733	737	702
3 D	727	718	715	719	722	721	729	726	727	717	703	704	677	640	689	696	668	668	663	663	731	855	943	837	723
4 D	771	785	735	725	686	693	683	681	689	697	691	681	674	644	542	410	451	674	781	1041	1134	1071	805	987	743
5 D	939	635	533	303	359	574	614	612	609	631	629	631	619	576	576	578	612	635	672	654	663	671	668	661	611
6	664	665	663	659	666	659	665	673	675	675	670	658	647	628	614	617	633	644	655	670	679	681	685	695	660
7	697	696	693	695	692	705	706	696	686	681	681	676	670	648	605	600	633	663	683	703	745	751	726	692	684
8	679	698	673	684	689	693	693	696	693	696	695	678	663	653	638	640	662	683	691	700	702	714	743	695	685
9	724	719	692	709	699	703	705	698	701	693	691	694	686	637	650	678	695	698	698	702	713	689	719	709	696
10	701	692	696	699	701	698	698	696	698	694	693	684	665	630	640	648	660	684	707	717	719	724	715	711	690
11	711	719	712	714	712	710	710	710	705	699	696	695	678	659	640	638	654	673	698	724	719	712	713	721	697
12	722	727	726	724	721	719	718	714	714	714	707	698	676	647	630	632	645	668	696	714	724	720	721	717	699
13 Q	721	722	725	727	726	725	724	723	720	717	712	702	679	651	638	640	657	684	707	722	735	719	718	723	705
14 Q	729	725	724	726	726	729	726	724	723	719	714	701	675	655	648	647	663	688	710	732	724	729	734	722	708
15	727	724	725	728	729	727	727	723	724	723	717	705	681	661	651	650	664	684	705	726	737	744	750	748	712
16 D	742	741	742	741	741	703	700	716	708	714	718	714	696	646	673	686	679	703	693	719	738	774	728	709	714
17	706	688	696	698	690	693	693	690	684	689	689	681	675	663	650	647	653	661	686	699	706	707	708	707	686
18 Q	709	712	709	709	709	710	709	709	709	711	709	699	687	671	656	646	653	659	685	700	714	709	721	721	697
19	718	718	717	717	719	719	719	720	719	716	715	701	681	668	658	648	654	671	698	721	729	717	722	726	704
20	727	729	729	726	725	725	724	726	722	722	720	711	694	678	668	661	665	673	697	717	726	731	729	729	711
21 Q	734	730	727	726	726	727	724	726	725	726	719	714	696	681	672	666	671	684	704	715	720	729	733	732	713
22 Q	726	728	728	728	727	729	728	729	730	727	725	717	703	684	670	666	679	691	711	719	724	731	734	734	715
23	734	737	737	734	729	724	725	720	722	724	730	727	709	686	670	665	675	691	705	721	737	742	734	734	717
24	734	741	740	736	732	729	729	727	722	720	719	721	709	689	666	662	673	691	707	716	727	727	732	729	716
25 D	732	731	728	717	750	663	643	495	466	446	570	594	564	577	543	566	646	653	681	721	693	754	812	695	643
26	674	678	678	656	630	628	646	645	654	659	667	667	653	651	645	636	640	656	675	692	703	701	697	695	664
27	692	695	692	693	692	689	693	703	697	696	698	687	676	667	653	630	650	664	681	696	709	703	693	696	685
28	697	708	706	701	701	691	703	707	709	712	709	706	688	666	641	640	656	671	684	697	709	712	712	714	693
29	718	718	718	719	717	727	720	719	719	720	718	722	709	693	675	663	670	682	696	707	714	716	718	722	708
30	721	721	719	722	723	724	727	723	723	723	738	742	712	716	700	676	670	686	709	717	709	730	681	703	713
31																									
Mean	724	714	707	699	699	702	704	699	697	696	699	694	677	657	643	637	651	674	695	718	731	737	731	731	696

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 34 Agincourt (D) West

7° + ...'

September 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24		
1	19.3	19.8	19.9	20.1	20.0	19.6	18.9	18.7	17.8	17.4	14.7	11.4	08.7	10.6	15.0	23.9	29.9	33.1	32.4	30.8	27.8	23.8	20.8	19.7	20.6	
2	20.1	20.0	18.3	19.3	19.7	20.1	19.8	19.9	20.2	20.0	18.4	12.5	09.5	08.5	11.4	17.4	23.9	28.4	29.4	28.1	25.5	22.6	20.2	17.8	19.6	
3 D	18.2	19.6	20.2	19.8	18.9	18.6	18.2	16.9	17.0	19.2	10.9	00.3	02.5	13.9	27.8	19.7	22.6	30.7	36.3	34.3	31.1	20.8	10.0	18.2	19.4	
4 D	20.5	20.2	18.8	20.5	17.8	19.2	19.3	18.0	16.3	14.8	13.5	11.0	10.9	09.1	17.8	42.2	26.3	08.6	02.9	38.5	10.9	07.1	26.3	30.0	13.4	
5 D	16.0	15.3	24.0	47.5	14.2	21.7	25.2	27.5	28.8	27.4	25.9	25.7	21.9	22.8	26.2	28.4	29.4	29.7	29.7	31.9	28.8	26.2	24.5	23.7	25.9	
6	23.3	23.5	22.8	18.2	20.2	20.6	21.6	22.6	21.2	21.1	20.6	18.0	14.9	15.1	19.6	25.1	28.8	30.1	30.2	28.3	25.2	22.6	21.9	22.4	22.4	
7	22.6	21.8	21.8	22.3	20.7	27.2	22.5	19.1	16.3	19.2	19.0	14.6	12.5	15.0	20.5	31.1	39.4	38.2	35.4	31.0	24.9	22.6	27.3	21.5	23.6	
8	20.4	21.9	18.1	23.7	21.8	21.4	19.7	18.7	17.3	17.2	15.8	13.1	13.1	15.0	19.4	22.6	29.2	28.9	28.8	26.6	24.7	22.4	20.4	21.7	20.9	
9	23.6	23.8	23.7	22.3	22.8	20.1	19.1	15.9	15.2	13.6	13.2	12.2	11.5	10.6	23.7	31.4	28.9	29.2	27.8	25.8	22.4	21.6	18.6	18.0	20.6	
10	20.5	16.1	17.3	20.4	20.8	20.6	20.1	19.0	17.4	17.1	16.8	13.2	12.7	14.9	21.5	25.1	27.7	29.9	28.1	25.4	22.4	20.9	20.5	18.1	20.4	
11	21.7	19.9	19.1	20.1	20.9	20.1	19.5	18.1	15.8	14.1	13.5	10.2	08.9	11.6	16.4	25.0	28.4	31.6	31.3	28.3	23.8	19.8	19.1	20.4	19.9	
12	20.7	19.6	19.7	19.6	20.1	19.2	19.0	17.7	16.8	15.7	13.9	10.0	07.5	09.4	15.4	24.1	30.5	33.8	32.5	27.4	22.7	19.6	18.7	20.4	19.8	
13 Q	21.0	20.5	20.1	19.9	20.0	19.5	19.0	17.9	17.2	16.4	14.6	10.9	07.8	09.1	14.2	21.9	27.6	30.5	30.0	26.4	21.6	18.2	18.0	19.9	19.3	
14 Q	21.0	20.8	20.6	20.5	20.0	19.2	18.5	17.7	16.3	15.4	13.6	10.3	06.6	09.3	14.9	21.3	27.3	31.1	31.7	28.3	23.3	20.0	19.5	20.6	19.5	
15	21.1	20.8	20.5	19.9	19.3	18.6	17.8	17.2	16.4	15.5	13.9	10.5	06.3	06.7	11.3	18.2	24.7	29.6	31.7	29.7	25.9	22.5	21.0	20.6	19.2	
16 D	21.5	21.8	22.2	20.4	18.9	16.7	16.0	15.0	14.0	12.3	08.1	05.0	04.3	00.2	16.9	19.2	23.7	28.8	33.8	34.2	27.3	25.1	22.2	25.6	18.9	
17	20.6	20.1	21.0	21.0	19.7	19.6	18.9	18.1	17.2	15.9	15.2	10.9	10.9	15.0	12.7	19.8	24.6	28.0	28.2	26.0	23.1	20.3	20.0	20.9	19.5	
18 Q	21.0	20.5	20.5	20.3	19.9	19.6	19.0	18.4	17.8	16.9	15.8	12.8	11.6	12.2	15.2	21.4	25.3	28.7	28.3	27.1	24.4	22.3	21.2	21.5	20.1	
19	20.8	20.5	20.3	19.8	19.3	19.0	18.5	17.8	16.8	16.7	15.4	12.2	11.2	12.2	15.1	20.6	25.8	28.7	28.2	26.1	24.0	21.6	21.5	21.7	19.7	
20	20.7	20.3	19.7	19.1	19.0	18.4	18.1	17.5	15.7	15.2	15.3	13.1	11.2	11.1	13.8	18.6	22.6	25.6	26.5	25.4	22.6	21.4	20.7	22.3	18.9	
21 Q	21.3	20.1	19.9	19.5	18.9	18.5	17.6	17.1	16.7	15.4	15.0	12.9	11.7	12.5	15.4	18.8	23.4	26.2	26.9	25.5	22.6	20.0	20.1	20.6	19.0	
22 Q	21.4	20.5	19.6	19.2	18.1	18.0	17.9	17.2	16.8	16.6	15.3	12.8	10.4	10.5	12.2	16.6	21.8	24.1	25.2	24.5	22.2	20.5	19.7	20.3	18.4	
23	20.1	20.0	18.7	19.6	20.3	18.0	16.2	14.5	13.0	11.3	11.6	11.1	09.5	11.5	16.3	21.5	26.7	30.8	31.3	27.7	23.5	20.3	19.9	17.4	18.8	
24	16.3	19.4	20.0	19.6	19.1	17.7	17.1	16.2	15.7	12.1	11.6	12.1	10.9	11.3	16.0	22.8	27.0	28.7	28.2	26.0	24.1	21.9	21.1	15.8	18.8	
25 D	18.9	21.7	19.0	18.1	30.0	18.8	10.5	09.8	07.9	17.9	16.9	33.7	28.8	33.2	31.7	32.1	27.8	30.5	32.1	25.9	24.5	23.8	20.2	09.8	22.0	
26	20.4	21.9	18.0	14.6	21.3	20.6	09.3	12.2	04.2	12.1	23.5	21.3	18.8	20.2	19.4	24.5	23.3	27.7	26.7	23.7	20.7	18.7	18.2	18.7	19.2	
27	20.4	21.1	21.6	21.1	19.6	19.0	21.5	17.6	16.5	18.9	17.1	19.0	17.4	14.3	16.3	22.9	26.9	28.6	28.8	26.2	23.6	20.3	18.9	18.9	20.7	
28	18.3	16.8	20.2	18.8	19.3	20.6	15.3	16.7	16.2	16.8	21.0	16.8	12.1	12.4	14.5	19.8	24.4	28.2	29.0	27.6	25.3	23.2	22.2	21.7	19.9	
29	21.3	21.0	20.4	19.8	20.0	20.2	18.0	17.2	17.1	17.2	17.9	16.2	13.4	12.3	13.5	19.1	24.0	27.1	27.3	25.7	23.5	21.3	20.2	20.2	19.8	
30	20.2	20.1	19.8	19.3	19.7	19.0	19.4	17.5	17.6	17.9	21.3	17.9	21.8	20.3	18.4	22.0	29.9	32.8	30.2	29.0	27.1	24.6	25.5	23.5	22.3	
31																										
Mean	20.5	20.3	20.2	20.8	20.0	19.6	18.4	17.6	15.9	16.6	16.0	13.7	12.0	13.0	17.4	23.1	26.7	28.3	29.0	25.5	23.3	21.2	20.6	20.4	20.0	

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 35 Agincourt (Z)

56,000 γ +

September 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean	
1	190	191	190	189	191	191	190	190	187	186	192	194	193	196	195	197	202	201	198	199	202	206	205	200	195	
2	197	193	192	193	192	192	192	193	191	190	191	191	189	186	184	184	189	188	195	197	202	199	195	207	192	
3 D	196	197	197	194	190	186	172	177	180	114	106	139	156	167	147	137	149	174	189	201	245	352	361	333	194	
4 D	312	294	283	260	214	219	211	210	205	202	203	199	199	181	154	158	195	498	349	409	205	033	185	325	238	
5 D	277	069	284	325	069	185	256	256	203	226	232	234	235	220	222	239	256	259	278	282	275	241	239	235	233	
6	233	226	219	222	215	209	217	219	216	217	221	217	220	221	222	218	223	228	234	239	234	222	217	215	222	
7	211	209	209	210	211	193	180	187	206	192	185	188	195	199	201	210	221	229	226	235	269	280	294	313	219	
8	257	245	251	229	221	217	212	212	209	209	209	204	204	209	209	200	204	200	204	207	209	216	245	236	217	
9	224	257	245	216	209	198	194	201	203	201	201	199	200	196	200	196	198	201	215	217	229	228	248	236	213	
10	221	214	209	210	209	209	206	205	203	200	200	200	200	203	210	209	212	216	220	217	211	213	212	212	209	
11	209	206	204	202	204	205	202	199	202	199	198	201	200	196	192	193	198	200	211	216	215	211	204	203	203	
12	203	200	200	201	201	199	200	200	199	198	202	209	206	204	205	206	209	214	215	212	213	209	203	200	205	
13 Q	199	198	196	195	195	196	196	196	196	196	197	199	202	202	200	198	196	196	200	205	210	215	211	204	197	200
14 Q	197	194	193	193	193	194	194	193	193	195	196	200	199	197	193	190	192	193	207	203	203	202	200	192	196	
15	193	193	192	192	192	192	192	192	192	192	198	199	199	199	197	192	190	193	198	200	198	196	197	196	195	
16 D	199	198	201	202	198	194	214	211	206	199	186	192	187	187	203	189	197	211	244	256	279	313	283	277	218	
17	273	230	213	205	205	201	207	208	201	201	204	203	197	187	183	195	201	206	213	213	210	207	201	199	207	
18 Q	199	200	199	200	199	199	199	198	197	199	201	202	200	201	198	197	199	204	207	218	221	211	205	201	202	
19	199	197	197	195	197	195	196	196	194	194	194	197	198	199	201	201	199	200	202	210	208	200	194	195	198	
20	194	194	194	195	193	194	194	194	192	192	194	196	195	194	197	198	203	205	208	210	210	204	197	197	198	
21 Q	196	193	193	192	191	191	192	193	191	191	192	194	194	189	187	188	194	199	206	207	209	203	199	197	195	
22 Q	193	193	192	191	190	191	192	192	191	191	191	192	188	185	183	179	182	191	198	201	203	197	194	194	191	
23	191	191	188	191	191	194	195	193	193	191	189	191	187	183	182	180	182	188	194	193	193	195	195	197	190	
24	194	191	189	189	191	191	192	189	186	181	186	191	188	181	179	176	182	191	198	201	205	201	201	205	191	
25 D	203	207	211	212	059	140	157	071	029	-033	019	048	104	144	174	221	243	240	269	315	304	291	335	291	177	
26	274	273	280	200	148	144	171	153	152	188	162	166	187	178	184	193	209	225	231	237	238	232	220	217	203	
27	214	201	208	208	204	204	199	184	195	197	198	200	189	192	195	198	204	206	220	227	226	230	226	218	207	
28	219	204	204	202	181	150	176	189	183	187	189	186	192	192	192	187	189	193	199	203	204	203	202	201	193	
29	198	198	200	198	198	184	172	187	192	195	195	197	195	196	196	190	196	195	195	196	195	198	198	196	194	
30	195	194	195	195	195	194	189	190	189	192	190	177	171	162	159	168	176	187	208	230	223	234	220	212	194	
31																										
Mean	215	205	211	207	188	192	195	193	189	186	188	190	192	192	192	193	200	214	218	225	222	218	223	223	203	

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 36 Agincourt

September 1958

Day	Horizontal Intensity						Declination						Vertical Intensity									
	Maximum 15,000 γ +			Minimum 15,000 γ +			Maximum 7° W +			Minimum 7° W +			Maximum 56,000 γ +			Minimum 56,000 γ +						
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ				
1	06	22	719	15	12	646	73	17	26	33.2	12	03	7.9	25.3	21	57	208	09	00	185	23	
2	23	04	743	15	49	635	108	18	15	29.8	13	33	7.8	22.0	20	36	203	14	38	181	22	
3 D	22	36	1122	14	22	611	511	22	38	56.9	11	46	-2.8	59.7	22	45	422	09	57	65	357	
4 D	21	58	1197	15	29	355	842	22	37	92.8	19	20	-50.9	143.7	17	31	533	21	20	-13	546	
5 D	00	50	1042	03	45	-79	1121	03	40	99.0	01	08	-34.4	133.4	03	43	429	04	30	-41	470	
6	23	38	700	14	54	609	91	18	43	31.2	12	30	13.6	17.6	19	15	241	05	17	206	35	
7	21	00	770	15	13	589	181	16	22	40.9	12	36	11.5	29.4	23	20	330	05	58	169	161	
8	22	38	760	15	47	627	133	16	25	30.4	12	07	11.2	19.2	00	01	295	15	47	191	104	
9	00	48	737	13	52	604	133	15	21	34.7	17	18	7.1	27.6	01	54	272	05	52	188	84	
10	21	42	738	13	42	617	121	17	07	30.7	12	11	10.6	20.1	00	01	223	11	18	198	25	
11	19	50	737	14	56	632	105	18	00	32.4	12	20	7.8	24.6	19	50	221	14	50	188	33	
12	02	36	729	14	46	625	104	17	20	34.3	12	31	7.1	27.2	17	35	215	01	30	196	19	
13 Q	20	32	742	14	50	635	107	17	34	31.0	12	35	7.5	23.5	20	50	217	15	55	194	23	
14 Q	22	13	740	14	55	644	96	18	07	33.0	12	55	5.8	27.2	19	30	205	15	48	187	18	
15	22	10	760	14	42	648	112	18	33	32.8	13	24	4.9	27.9	19	20	203	17	03	187	16	
16 D	21	17	800	13	48	589	211	18	42	38.1	13	46	-9.1	47.2	21	35	321	05	05	158	163	
17	00	13	726	14	50	637	89	17	50	29.3	12	00	8.9	20.4	00	08	298	14	22	177	121	
18 Q	22	35	726	15	50	643	83	17	54	30.7	13	05	11.2	19.5	20	50	224	14	50	195	29	
19	20	08	735	15	40	646	89	17	43	29.2	13	05	11.0	18.2	20	00	213	22	45	193	20	
20	21	33	739	15	37	659	80	18	26	26.5	13	15	10.2	16.3	20	01	212	01	15	191	21	
21 Q	20	53	737	15	47	661	76	18	00	27.2	12	36	10.8	16.4	19	05	210	14	30	185	25	
22 Q	22	05	737	14	53	663	74	18	02	26.3	13	36	9.4	16.9	20	12	205	15	53	176	29	
23	21	15	744	15	10	662	82	18	10	32.3	12	11	9.2	23.1	23	45	198	15	20	179	19	
24	01	55	744	15	08	658	86	17	45	29.6	13	17	8.7	20.9	23	34	210	00	08	173	37	
25 D	22	45	864	09	43	306	558	04	42	52.6	08	48	-14.6	67.2	23	03	399	09	52	-163	562	
26	20	25	711	04	53	577	134	05	12	29.1	03	00	-7.8	36.9	02	50	304	05	01	37	267	
27	20	50	722	15	36	611	111	18	00	30.4	13	08	13.0	17.4	21	55	236	07	25	178	58	
28	01	38	717	14	47	633	84	05	10	31.4	12	57	11.0	20.4	00	05	223	05	07	139	84	
29	05	47	737	15	25	661	76	18	05	28.1	13	20	12.1	16.0	22	00	201	06	00	166	35	
30	11	23	751	22	18	655	96	17	28	34.2	10	05	16.2	18.0	21	25	242	14	03	156	86	
31																						
Mean			781			589	192			37.3			3.8	33.5			263			147	116	
No. days			30			30	30			30			30	30			30			30	30	

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 37 Agincourt (H)

15,000 γ +

October 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	705	709	714	717	714	716	701	711	717	719	717	709	693	672	655	646	658	673	693	714	706	707	725	719	700
2	696	702	712	695	697	698	691	698	708	714	713	710	697	684	667	657	666	674	689	703	718	724	717	716	698
3	714	718	713	701	702	689	678	689	706	710	706	693	667	656	663	633	634	640	660	681	695	703	701	706	686
4 Q	709	711	709	714	717	717	717	717	712	717	714	706	688	666	649	648	655	669	685	697	706	718	723	724	699
5	709	705	717	719	717	716	716	718	716	717	715	706	693	675	660	655	661	685	691	706	710	730	713	717	703
6	714	717	719	720	723	717	715	721	720	719	717	714	702	687	696	681	670	670	684	709	718	722	710	719	707
7	718	725	714	714	709	704	690	702	705	709	712	709	710	707	697	683	667	681	697	700	706	722	712	708	704
8	708	708	692	702	697	700	697	696	709	718	717	713	702	695	682	672	667	677	695	707	712	714	721	716	701
9 Q	721	724	725	724	722	720	723	722	722	722	714	723	716	703	683	683	701	713	718	719	717	724	727	728	717
10 Q	727	730	729	724	724	725	725	727	731	727	727	725	713	700	687	682	687	696	707	719	719	722	726	728	717
11 Q	724	721	724	723	722	723	723	724	726	726	727	719	706	686	667	653	654	673	699	719	718	726	720	720	709
12 Q	725	728	727	727	725	725	725	724	725	724	726	722	711	694	678	661	663	679	697	715	719	726	730	733	713
13	731	730	729	724	721	720	719	726	725	726	730	730	720	710	690	663	661	677	694	710	716	723	726	730	714
14	732	735	732	729	729	726	727	728	729	730	728	726	713	688	673	664	663	679	697	718	724	734	727	730	715
15	731	724	729	723	722	724	725	723	722	724	725	724	719	704	684	669	681	696	714	719	718	725	730	728	716
16	729	732	729	725	712	703	698	714	716	718	722	720	702	681	667	653	653	673	690	714	722	729	732	732	707
17	732	726	726	727	715	710	716	726	724	724	726	723	711	691	668	646	644	660	675	703	709	729	724	724	708
18	729	731	722	722	726	724	721	724	721	729	721	719	709	686	665	646	657	671	691	705	721	727	726	724	709
19	726	729	726	726	729	727	726	731	729	728	725	717	704	693	673	651	636	662	673	684	701	712	726	725	707
20	722	729	724	719	721	724	724	724	726	724	724	722	716	705	691	678	678	684	701	709	717	729	722	729	714
21	731	730	730	719	720	721	723	721	722	722	722	718	716	698	673	663	660	671	681	693	706	716	722	725	709
22 D	724	726	728	734	713	691	633	591	588	664	698	706	681	686	686	656	636	661	664	683	723	721	718	701	684
23 D	663	661	650	632	633	616	617	583	531	658	656	643	652	633	608	626	637	649	653	670	690	713	689	677	643
24 D	671	669	638	647	650	646	603	564	489	374	252	379	559	531	612	588	620	673	695	712	711	698	714	666	598
25	657	663	660	661	659	659	661	675	675	678	675	673	664	653	642	635	639	649	659	663	670	674	681	686	663
26	691	691	691	696	693	692	695	676	670	697	698	694	684	667	652	630	635	650	664	678	679	690	683	687	678
27 D	692	693	684	676	686	691	698	693	696	703	709	704	697	686	670	666	648	655	646	656	707	717	675	674	684
28 D	668	673	675	678	681	686	693	706	678	672	682	666	673	671	651	638	633	650	678	678	694	698	670	672	674
29	670	684	686	678	681	676	686	681	690	690	689	694	684	667	650	632	640	662	684	695	688	696	699	697	679
30	690	684	692	696	698	698	705	698	704	704	705	695	682	666	641	647	652	659	678	684	706	712	680	705	687
31	711	708	707	706	712	714	723	720	720	717	721	718	712	687	663	652	652	663	681	701	707	713	725	725	702
Mean	709	710	708	706	705	703	700	698	695	700	697	697	693	678	666	653	655	670	685	699	708	716	713	712	695

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 38 Agincourt (D) West

7° + ...'

October 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	20.4	19.5	18.9	18.4	18.2	17.0	13.8	11.0	14.0	14.7	15.5	14.3	12.3	10.9	12.9	18.3	22.8	26.6	28.1	27.6	26.3	25.7	23.5	25.2	19.0
2	20.7	20.6	16.4	17.0	16.2	14.5	12.0	16.0	15.2	16.1	15.7	14.2	11.5	09.9	10.9	16.6	21.7	25.6	27.6	27.2	25.6	23.0	20.7	21.6	18.2
3	21.1	20.3	19.5	17.3	16.6	11.5	16.2	14.2	15.6	16.8	15.2	10.5	07.4	10.9	13.2	15.3	23.1	28.0	30.7	28.5	25.3	22.4	21.9	21.1	18.4
4 Q	20.2	19.3	18.4	19.3	18.7	18.2	16.0	13.2	14.0	15.7	16.1	13.8	10.0	09.2	13.3	18.9	23.6	25.9	26.5	24.7	22.2	21.3	21.0	19.6	18.3
5	20.6	20.5	20.5	19.7	18.9	17.7	16.0	15.2	16.4	16.1	15.6	13.7	11.8	08.7	11.0	14.9	19.5	23.7	27.5	27.0	26.0	25.3	24.5	23.7	18.9
6	12.1	10.5	10.4	09.2	13.3	16.6	16.5	17.0	16.6	16.0	16.0	14.7	12.0	12.8	15.0	16.0	19.3	23.1	25.3	25.8	25.2	25.2	23.0	22.3	17.2
7	20.9	20.8	20.5	18.7	16.5	13.7	13.6	11.7	09.9	14.2	15.9	17.3	15.6	13.6	13.7	14.7	20.0	24.7	25.6	24.8	23.7	23.8	23.2	25.5	18.4
8	21.5	20.6	18.2	15.4	17.1	16.0	12.8	14.6	18.2	16.3	17.3	16.6	15.2	14.6	14.5	17.2	21.0	25.1	26.4	25.7	24.3	23.4	22.9	22.2	19.0
9 Q	21.2	21.7	20.7	20.0	20.1	19.0	18.9	18.5	17.7	18.1	18.9	17.7	15.5	13.4	13.7	20.6	23.1	24.2	24.7	23.4	22.4	22.0	20.6	20.0	19.9
10 Q	19.6	19.2	19.0	18.5	19.4	18.8	18.3	17.7	17.6	17.6	17.5	16.6	14.5	12.8	12.4	16.3	20.3	24.3	26.0	24.6	23.3	22.0	21.2	20.9	19.1
11 Q	21.0	20.5	19.3	18.3	18.1	18.1	17.8	17.3	17.2	16.5	16.6	15.1	12.8	10.8	10.9	13.2	19.2	23.8	26.5	25.2	22.4	21.2	20.2	20.6	18.5
12 Q	20.0	19.5	19.1	18.7	18.5	18.0	17.7	17.3	16.7	15.9	15.7	14.0	11.4	09.8	10.8	14.2	19.2	24.2	26.5	25.9	24.0	22.0	21.1	20.5	18.4
13	19.9	20.0	19.9	19.3	18.7	20.2	15.4	15.3	14.7	15.2	14.9	11.9	11.9	14.4	14.7	18.6	22.7	25.9	27.6	26.3	24.1	22.2	21.2	20.9	19.0
14	20.2	19.9	19.9	19.9	18.7	18.7	18.6	17.6	17.3	16.2	15.3	14.4	11.5	08.9	09.9	14.9	20.5	24.2	25.6	24.9	23.0	21.4	20.5	20.6	18.5
15	21.1	19.5	19.5	18.1	15.4	14.5	17.2	15.3	15.5	15.8	15.3	13.8	11.8	10.5	10.3	13.1	19.4	23.6	24.6	24.6	22.8	22.0	20.5	20.5	17.7
16	19.4	19.2	18.3	18.7	13.0	19.4	16.4	14.0	15.4	15.9	16.7	14.1	10.7	08.3	10.7	15.0	20.9	26.0	29.1	29.1	26.3	22.3	21.0	20.4	18.3
17	19.7	19.8	18.6	18.5	14.4	17.3	17.2	16.7	16.3	15.7	15.5	14.2	11.4	08.9	09.3	11.9	17.6	23.1	25.9	27.3	24.8	23.2	21.7	20.3	17.9
18	20.2	20.1	18.0	17.9	18.1	17.1	16.7	15.7	18.1	16.4	15.4	15.2	12.9	09.7	11.3	14.6	22.2	26.4	27.4	26.7	27.3	23.4	21.3	20.8	18.9
19	20.4	19.8	17.1	17.4	16.7	18.0	17.5	17.5	16.4	15.5	15.3	14.4	14.5	10.9	08.0	10.5	16.4	25.7	27.8	26.2	24.5	23.2	23.1	23.1	18.3
20	20.3	20.2	18.9	18.5	18.0	17.8	17.3	17.0	16.7	16.6	16.6	15.8	14.4	12.6	12.4	16.1	21.2	24.5	25.5	25.0	23.6	22.9	21.7	20.5	18.9
21	20.2	19.3	18.7	17.1	17.6	17.5	17.1	16.7	16.2	15.5	16.3	18.6	16.2	11.9	10.1	15.1	20.6	24.0	26.9	26.6	24.6	22.3	21.2	20.7	18.8
22 D	19.3	18.8	18.8	16.8	13.8	10.6	06.1	02.1	00.5	15.1	14.5	13.4	16.1	16.8	15.1	13.6	22.2	27.6	28.9	27.6	22.2	27.3	25.9	25.3	17.3
23 D	18.4	17.8	18.3	08.9	14.5	11.0	13.4	08.6	19.7	17.1	27.2	37.0	27.7	21.9	26.3	30.7	27.2	25.7	26.9	24.4	21.6	16.3	20.3	23.5	21.0
24 D	21.8	19.7	14.7	09.9	12.0	12.8	13.0	28.9	04.6	47.2	57.6	45.2	37.0	33.6	27.7	31.2	35.2	22.0	21.0	26.1	22.1	23.7	26.6	21.9	25.7
25	19.2	20.9	20.5	19.7	19.6	21.9	22.9	20.0	19.1	19.3	19.0	18.1	16.5	15.5	17.6	21.4	24.1	26.1	26.2	25.2	23.8	23.1	22.5	22.3	21.0
26	21.7	21.1	20.7	20.0	20.2	20.8	20.7	17.8	16.6	13.3	17.0	14.0	15.1	13.5	14.1	21.4	28.0	28.8	27.6	27.0	24.3	24.8	23.6	21.6	20.6
27 D	20.7	20.3	16.0	16.3	15.6	16.9	18.9	17.3	19.0	19.9	17.4	17.3	16.1	13.8	14.7	16.8	21.6	23.0	22.7	27.3	26.2	24.6	23.7	23.0	19.5
28 D	22.7	20.6	20.5	20.5	19.9	18.3	19.0	17.7	18.6	20.1	20.3	12.2	09.0	08.9	15.1	22.1	31.0	27.7	26.9	31.1	28.8	27.4	21.7	22.3	20.9
29	16.7	18.2	18.2	20.9	17.9	17.3	17.1	16.5	19.1	17.3	18.2	17.2	15.0	14.5	15.8	22.2	27.0	26.0	25.4	24.2	25.7	23.2	25.5	20.0	20.0
30	18.1	15.5	18.7	17.8	18.2	19.6	23.2	17.5	16.8	14.6	14.7	16.0	15.4	14.1	16.1	20.6	23.4	25.5	26.3	24.2	22.7	24.1	25.2	20.6	19.5
31	19.5	18.9	18.9	19.1	18.6	25.4	23.2	20.6	17.1	13.2	12.6	11.6	09.8	10.7	12.1	16.3	22.7	24.0	25.1	24.6	22.8	21.2	20.0	19.6	18.7
Mean	20.0	19.4	18.6	17.6	17.2	17.2	16.8	15.9	15.7	17.2	18.0	16.6	14.3	12.8	13.7	17.5	22.5	25.1	26.4	26.1	24.2	23.1	22.3	21.6	19.2

AGINCOURT MAGNETIC OBSERVATORY, 1957-1958

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 39 Agincourt (Z)

56,000 γ +

October 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	206	199	197	199	202	195	171	174	194	194	196	198	194	189	189	186	189	189	199	205	207	213	238	196	
2	251	237	220	188	204	207	199	173	189	198	202	205	204	202	198	192	194	193	195	202	208	208	212	208	204
3	205	203	206	213	204	192	178	176	190	202	202	198	194	203	204	189	190	193	207	210	209	208	202	202	199
4 Q	198	199	202	199	198	195	187	184	190	195	196	200	200	198	195	192	187	187	195	200	202	198	195	196	195
5	212	219	206	198	196	196	194	194	197	195	195	197	195	192	189	184	182	187	197	199	200	208	203	200	197
6	197	195	194	194	189	190	195	196	194	194	192	194	195	195	194	187	186	192	195	194	204	208	202	196	195
7	193	198	202	202	201	194	175	187	186	178	182	188	193	197	198	199	205	211	209	211	206	219	225	231	200
8	223	225	228	223	214	208	195	192	187	194	199	200	202	198	195	196	201	202	200	198	200	198	199	199	203
9 Q	198	194	197	197	197	197	197	195	194	191	187	189	195	197	195	189	190	194	199	200	196	196	196	194	195
10 Q	194	194	194	195	195	193	194	192	191	191	194	190	194	194	190	181	181	183	195	199	197	194	192	194	192
11 Q	194	194	192	192	193	191	192	190	189	189	188	192	194	192	190	182	177	183	189	193	191	195	198	195	191
12 Q	193	192	189	189	189	188	188	188	188	188	189	191	194	192	189	188	189	194	195	194	191	191	191	189	190
13	190	190	189	189	191	181	178	184	183	178	173	183	189	190	189	183	178	184	189	193	190	190	187	188	186
14	189	190	189	190	189	189	188	188	187	186	186	188	188	183	182	178	174	175	177	181	184	189	187	189	185
15	191	193	191	192	192	189	189	189	190	189	187	190	193	189	188	182	182	186	185	188	190	189	188	188	199
16	188	189	190	190	187	165	163	186	192	193	193	195	193	189	186	175	180	190	200	200	197	195	192	189	188
17	189	190	193	194	192	194	194	190	192	192	192	195	195	192	186	184	186	191	195	197	192	198	193	192	192
18	192	192	194	193	190	189	187	185	181	182	186	194	196	195	193	189	187	188	194	195	197	197	193	189	191
19	189	188	189	188	187	189	188	188	187	187	187	189	188	187	184	183	188	199	198	200	201	200	198	195	191
20	195	192	190	190	189	189	188	188	187	187	187	187	187	187	184	180	180	184	187	186	183	188	187	186	187
21	186	186	187	185	186	187	187	187	186	186	184	184	182	182	182	183	184	192	193	191	192	193	190	188	187
22 D	189	189	188	186	181	131	067	067	083	129	170	186	189	192	189	177	195	244	254	253	282	268	278	294	191
23 D	266	226	206	176	172	133	132	103	051	115	048	093	127	176	190	202	228	248	267	284	304	280	244	223	187
24 D	257	242	176	175	172	164	120	-017	-168	-128	-061	060	127	168	208	228	244	304	286	290	309	311	341	317	172
25	260	238	231	225	220	214	208	222	219	219	218	217	214	212	210	208	214	219	218	214	214	215	214	212	219
26	212	212	208	208	206	206	189	175	141	176	199	205	208	206	199	198	208	216	221	222	231	235	229	219	205
27 D	214	211	211	205	197	198	203	201	201	198	198	200	203	204	202	196	207	219	234	260	314	290	256	256	220
28 D	241	223	214	214	209	208	212	208	196	177	165	159	168	189	190	189	199	211	256	250	237	249	253	257	212
29	262	243	226	210	193	182	186	183	187	189	198	211	204	197	194	193	203	208	208	218	230	238	229	234	209
30	231	229	217	211	206	196	176	181	189	195	195	198	194	192	189	196	200	214	217	206	211	219	214	211	204
31	206	202	201	202	199	171	171	177	181	185	187	189	190	189	189	184	188	189	193	195	199	196	196	194	191
Mean	210	206	201	197	195	188	180	175	170	176	178	186	190	193	192	190	193	202	208	211	215	215	213	212	196

Table 40 Agincourt

October 1958

Day	Horizontal Intensity					Declination					Vertical Intensity										
	Maximum		Minimum		Range	Maximum		Minimum		Range	Maximum		Minimum		Range						
	15,000 γ +		15,000 γ +			7° W +		7° W +			56,000 γ +		56,000 γ +								
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ	γ		
1	22	55	744	15	18	641	103	18	05	28.3	07	15	7.7	20.6	23	59	249	07	10	141	108
2	02	45	734	15	21	655	79	00	01	30.4	02	29	5.4	25.0	00	17	261	07	26	150	111
3	01	33	719	15	38	619	100	18	17	32.0	12	56	1.9	30.1	03	40	215	07	10	159	56
4 Q	22	33	726	14	18	643	83	18	20	26.7	13	03	8.1	18.6	20	00	182	07	35	176	6
5	21	22	737	15	11	652	85	18	48	28.7	13	24	7.4	21.3	00	58	223	16	12	181	42
6	21	44	745	17	15	664	81	19	12	26.1	13	11	6.3	19.8	21	40	218	04	42	182	36
7	01	27	731	16	44	659	72	23	44	27.5	08	40	9.4	18.1	23	59	235	06	40	159	76
8	21	35	725	16	21	665	60	18	14	26.8	03	47	10.8	16.0	00	01	235	08	12	183	52
9 Q	23	53	731	16	17	678	53	19	00	25.4	14	00	12.3	13.1	20	00	202	11	25	187	15
10 Q	02	19	735	15	50	678	57	18	19	26.8	13	47	11.9	14.9	20	00	201	15	45	178	23
11 Q	21	27	732	16	20	650	82	18	27	26.9	13	53	9.4	17.5	22	20	201	16	20	176	25
12 Q	23	07	737	16	30	658	79	18	40	27.2	13	40	8.9	18.3	17	25	197	10	02	187	10
13	23	27	736	16	07	660	76	18	48	29.0	12	10	11.2	17.8	19	30	195	10	15	171	24
14	21	32	742	16	05	658	84	18	04	26.0	14	04	3.5	22.5	21	30	194	17	15	172	22
15	00	01	739	15	15	663	76	19	05	25.4	15	06	7.7	17.7	01	30	195	15	07	178	17
16	22	42	739	15	53	647	92	19	05	30.0	13	16	7.0	23.0	19	00	202	05	49	141	61
17	00	50	735	16	51	640	95	19	50	28.6	13	43	7.1	21.5	19	50	200	16	02	182	18
18	01	04	733	15	31	645	88	18	37	27.8	13	28	8.2	19.6	21	02	197	08	45	177	20
19	07	18	732	16	20	629	103	18	10	29.0	14	35	6.5	22.5	20	10	204	15	50	181	23
20	21	33	746	17	04	671	75	18	59	26.5	13	45	11.7	14.8	00	23	198	16	17	176	22
21	00	07	740	16	21	658	82	18	55	27.7	14	20	8.8	18.9	21	00	194	13	10	181	13
22 D	03	19	765	08	56	549	216	18	39	32.3	07	51	-6.8	39.1	23	12	306	06	10	-7	313
23 D	21	42	739	08	30	455	284	11	19	41.6	03	19	2.5	39.1	20	04	306	08	53	17	289
24 D	20	23	755	10	20	-108	863	(11	07	96.8)	08	19	-7.0	(103.8)	22	35	372	10	18	-304	676
25	23	59	691	16	44	632	59	05	54	29.5	00	11	12.6	16.9	00	04	309	06	19	198	111
26	06	46	709	16	04	618	91	08	01	29.9	08	56	10.0	19.9	21	27	237	08	14	128	109
27 D	21	07	760	18	09	625	135	20	05	32.2	04	00	12.3	19.9	21	03	348	04	56	183	165
28 D	06	46	725	16	16	611	114	16	39	36.1	12	14	1.7	34.4	23	52	275	12	15	144	131
29	23	46	732	15	45	625	107	16	48	29.9	23	45	8.6	21.3	00	10	273	05	12	174	99
30	20	41	719	15	06	633	86	18	12	28.3	00	25	10.9	17.4	00	20	242	06	15	166	76
31	22	23	733	16	20	635	98	05	12	31.9	12	50	7.3	24.6	00	15	207	05	19	158	49
Mean			734			613	121			31.3			7.2	24.1			234			144	90
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 41 Agincourt (H)

15,000 γ +

November 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	726	722	721	716	714	718	719	722	720	719	721	717	706	686	671	662	668	675	689	701	717	716	719	727	707
2 D	725	726	722	722	724	723	722	721	719	719	719	719	704	684	669	652	643	645	659	675	686	689	700	712	699
3 D	717	709	709	703	689	678	689	696	698	698	700	696	681	670	672	671	663	673	682	698	703	714	714	711	693
4	704	706	709	712	704	702	709	706	704	705	705	707	701	693	687	678	675	681	694	711	711	709	716	715	702
5 Q	717	720	721	718	718	719	720	719	720	719	717	712	704	690	684	678	677	681	693	709	715	719	722	723	709
6 Q	723	724	724	725	722	724	724	724	724	723	722	719	715	703	693	690	692	701	714	718	724	724	724	726	717
7	729	729	726	724	721	723	722	721	719	718	718	717	717	706	698	706	705	699	704	705	713	714	717	717	715
8 Q	718	719	719	717	719	717	717	717	719	720	721	717	709	693	681	678	683	692	703	709	712	717	721	719	710
9	719	718	716	711	707	714	711	719	724	729	728	725	718	705	696	688	691	701	717	730	736	738	741	739	718
10 D	738	734	731	729	729	727	717	717	725	728	744	724	711	695	686	675	681	687	709	721	722	720	717	723	716
11 D	727	723	690	694	690	685	678	690	712	710	709	701	690	681	666	667	675	684	694	706	715	714	716	716	699
12	718	717	719	718	716	718	717	717	718	719	716	712	712	691	675	684	691	693	706	706	716	719	718	722	710
13	716	722	716	719	712	708	707	712	714	714	714	711	701	688	679	677	678	688	706	714	719	719	722	723	707
14	725	719	715	723	724	722	725	727	726	727	726	722	711	691	679	673	675	689	709	720	730	737	729	729	715
15	731	731	725	725	722	721	716	716	716	722	720	720	714	700	692	683	684	695	708	719	731	735	737	739	717
16	742	737	742	732	729	727	723	720	725	730	731	729	713	702	700	696	687	689	696	712	724	722	724	722	719
17	720	717	716	715	712	709	715	702	712	726	725	720	715	707	698	688	691	694	707	716	724	721	724	726	712
18	729	729	729	726	722	726	726	731	730	728	732	734	727	719	712	699	698	702	705	703	710	705	715	720	719
19	722	718	717	714	717	719	720	722	721	722	725	720	717	707	698	697	693	691	695	702	711	715	718	717	712
20	717	717	714	719	724	721	724	724	725	726	725	722	721	712	700	694	695	694	701	711	717	719	724	726	715
21	724	722	724	726	727	727	724	728	729	726	724	724	725	715	701	696	696	703	706	712	720	727	727	725	719
22 Q	732	726	724	727	723	724	724	727	726	726	724	719	717	709	694	687	689	694	711	722	729	731	734	735	719
23	735	733	729	728	726	724	724	726	721	732	729	726	715	710	700	691	684	690	704	712	714	717	718	720	717
24	720	722	722	722	721	722	719	712	709	714	717	727	714	712	703	683	664	668	681	700	702	713	724	727	709
25	724	724	724	724	722	726	725	726	729	729	729	724	714	700	688	667	663	670	668	674	684	678	685	691	704
26	694	697	691	695	698	698	704	708	709	712	714	710	699	689	686	680	673	675	690	699	706	714	711	709	698
27	711	714	709	703	706	694	697	704	706	709	717	711	706	696	675	666	662	668	686	689	701	712	709	696	698
28 D	692	700	694	690	685	701	691	700	695	704	719	727	712	701	691	674	667	669	682	689	698	704	709	705	696
29	704	696	686	693	688	683	696	695	695	705	710	713	706	695	683	678	673	671	678	688	696	701	705	708	694
30 Q	704	705	703	702	703	701	706	706	706	705	706	704	698	696	688	678	675	678	689	699	710	712	717	718	701
31																									
Mean	720	719	716	716	714	713	714	715	717	719	720	718	710	698	688	681	680	688	696	706	713	706	719	720	709

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 42 Agincourt (D) West

7° + ...'

November 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	19.1	18.8	18.4	18.2	18.1	17.7	18.0	17.8	17.3	16.8	16.0	14.8	13.7	12.5	13.6	15.7	21.6	24.2	25.7	24.2	22.9	21.5	21.2	19.5	18.6
2 D	18.6	18.1	18.4	18.1	18.0	18.5	17.9	17.0	15.9	15.8	16.2	14.6	12.2	10.8	11.8	16.8	17.7	27.4	29.9	27.4	25.4	22.7	21.8	21.7	18.9
3 D	21.6	20.5	18.9	17.3	16.7	13.8	18.0	15.3	16.7	17.0	17.1	15.2	13.9	15.3	13.7	16.3	20.7	24.3	24.9	24.5	22.5	22.4	21.6	20.4	18.7
4	20.4	18.7	17.9	14.8	18.0	16.0	17.2	16.7	16.4	15.8	16.2	14.0	13.1	13.2	13.9	16.7	19.8	21.3	22.6	22.7	22.2	21.4	20.4	19.7	17.9
5 Q	18.9	18.7	18.1	18.1	17.8	17.6	17.7	17.1	17.0	16.7	16.2	15.9	14.1	13.0	13.4	16.6	19.8	22.2	23.1	22.4	21.3	20.5	20.1	19.3	18.1
6 Q	19.1	18.9	18.5	18.1	18.1	17.6	17.0	17.5	16.9	16.2	15.9	15.3	14.4	13.2	13.9	17.0	20.6	24.0	24.5	23.6	21.6	20.9	20.5	19.7	18.5
7	18.8	18.5	17.8	17.9	18.3	16.7	16.9	16.0	15.7	15.0	14.3	14.4	13.3	12.4	15.7	21.6	22.8	23.8	24.3	22.7	22.0	21.6	20.9	19.9	18.4
8 Q	18.8	18.4	17.9	18.2	18.3	17.8	17.4	16.8	16.6	16.9	16.4	15.6	13.7	12.2	13.9	19.5	23.8	25.6	23.5	21.4	20.0	19.7	19.5	19.3	18.4
9	19.2	18.3	17.7	17.4	16.6	15.0	15.8	16.2	16.5	15.6	14.8	14.3	13.8	13.3	14.0	16.8	19.8	21.6	21.2	19.8	18.5	18.8	18.8	18.4	17.2
10 D	17.7	16.9	17.7	17.8	17.8	14.5	14.3	14.7	14.7	17.3	16.3	11.2	11.9	11.8	15.1	18.3	22.0	25.5	27.9	23.4	21.3	21.8	20.2	20.2	17.9
11 D	21.5	20.6	16.3	13.5	14.9	13.7	13.1	18.0	18.3	15.0	16.8	16.3	15.4	13.5	14.2	17.3	20.6	22.6	23.9	22.9	21.2	20.0	19.5	18.8	17.8
12	18.2	17.4	17.2	16.6	17.4	18.3	17.6	16.7	16.5	15.5	15.1	15.7	14.6	11.2	15.1	16.5	21.0	23.8	24.0	23.3	22.3	23.4	21.4	19.6	18.3
13	18.2	15.6	12.7	15.6	16.8	15.7	16.1	16.8	16.9	16.4	15.2	14.9	13.4	11.5	13.3	16.8	19.3	20.9	21.8	21.1	20.2	19.6	19.1	18.7	16.9
14	18.5	17.9	16.9	17.6	17.9	18.1	17.7	17.0	16.4	15.5	15.5	14.9	14.0	13.4	15.4	18.7	22.3	24.2	24.0	22.7	21.2	20.0	20.8	17.8	18.3
15	18.0	17.1	16.9	16.9	16.4	16.0	16.1	17.9	16.2	13.5	13.2	13.3	12.1	10.4	12.3	15.4	19.1	21.6	22.4	20.9	20.1	19.3	18.7	18.0	16.7
16	17.8	17.1	16.3	16.2	16.0	14.4	14.4	15.6	15.6	13.4	13.2	11.5	11.6	13.2	14.4	18.7	21.5	23.1	23.3	21.8	19.7	18.7	19.0	18.9	16.9
17	18.3	17.9	16.5	17.6	14.3	17.0	15.0	16.6	21.7	11.3	11.2	13.4	13.3	13.3	14.5	18.9	22.6	22.5	22.7	22.3	21.1	20.4	19.0	18.9	17.5
18	17.8	17.1	17.0	16.9	17.0	17.6	17.7	19.8	18.9	15.2	11.7	11.7	15.0	14.9	16.1	18.6	21.6	22.6	23.5	23.5	23.6	20.7	21.6	19.9	18.3
19	18.8	17.8	17.6	17.0	17.0	17.7	17.9	15.8	14.5	15.9	16.7	15.3	14.3	14.3	15.6	17.0	18.9	20.7	20.4	19.9	19.8	20.3	19.7	18.9	17.6
20	18.3	18.0	15.8	17.0	17.6	17.1	16.7	15.9	15.3	15.1	14.8	16.1	14.8	12.7	13.3	15.7	18.4	18.9	18.5	18.0	18.9	19.7	18.8	18.0	16.8
21	17.7	17.6	17.6	16.9	16.9	16.9	16.9	16.9	15.4	14.2	14.8	15.5	15.0	14.2	15.4	18.6	20.6	22.5	21.5	21.2	19.6	19.4	18.8	18.7	17.6
22 Q	18.7	18.3	16.1	17.3	17.5	16.8	16.7	15.8	15.6	15.1	14.7	14.7	14.3	14.8	15.0	19.4	22.3	23.3	22.9	21.2	19.7	19.1	18.7	17.7	17.7
23	17.2	17.4	16.2	15.8	16.1	16.9	16.7	14.7	15.9	12.7	09.5	11.7	13.7	18.3	17.6	18.5	20.5	23.0	21.6	19.6	18.3	18.3	18.4	18.1	16.9
24	17.7	17.3	17.3	17.5	17.5	16.8	15.8	13.3	13.4	13.4	16.7	16.2	19.4	21.2	16.0	18.2	20.8	23.3	23.5	22.0	21.1	19.8	18.6	18.4	18.1
25	16.8	16.1	15.8	16.6	16.6	16.8	16.0	15.4	15.0	14.1	14.0	14.0	12.8	10.9	13.1	15.8	24.3	24.2	25.9	24.3	23.9	21.9	20.5	18.9	17.7
26	17.7	17.8	18.3	15.3	16.7	18.6	17.7	17.2	16.5	15.8	16.3	15.5	14.2	14.7	15.8	18.8	21.5	22.2	22.0	20.3	20.2	20.5	19.8	18.6	18.1
27	18.4	17.7	18.1	16.8	14.3	15.2	16.6	16.2	15.4	14.2	12.7	11.8	12.7	12.0	15.5	18.9	21.9	23.2	23.9	22.9	21.8	22.9	22.9	21.4	17.8
28 D	17.2	13.6	11.8	11.4	13.9	16.2	15.7	10.3	09.9	16.6	17.9	15.1	16.6	18.3	13.1	16.3	18.2	19.3	21.3	20.6	19.2	19.0	20.0	19.4	16.3
29	18.5	17.2	14.9	15.6	14.5	13.1	15.7	16.0	20.9	13.1	13.1	14.1	17.3	18.2	17.7	23.0	22.3	22.3	21.0	20.1	19.4	18.9	18.4	18.4	17.6
30 Q	17.9	17.5	17.2	16.5	15.9	16.1	15.8	16.2	15.6	15.3	15.0	14.8	14.3	14.3	14.3	15.6	17.7	19.0	20.1	19.4	19.4	19.5	18.6	18.0	16.8
31																									
Mean	18.5	17.8	16.9	16.7	16.7	16.5	16.5	16.2	16.2	15.1	14.9	14.4	14.1	13.8	14.6	17.7	20.8	22.8	23.2	22.0	20.9	20.4	19.9	19.1	17.7

VERTICAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 43 Agincourt (Z)

56,000 γ +

November 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1	194	192	193	194	194	195	194	195	194	194	192	192	193	194	190	186	189	193	199	198	196	194	193	192	193
2 D	192	193	192	195	194	194	194	194	193	192	190	189	190	193	194	190	192	193	206	220	216	219	211	211	198
3 D	214	221	214	211	220	215	202	195	202	204	199	200	196	192	177	173	180	186	189	197	199	200	202	200	190
4	202	202	205	198	200	205	204	201	199	198	195	199	196	194	190	186	186	190	195	200	200	198	198	196	198
5 Q	195	196	196	196	195	195	195	195	195	195	194	193	194	195	197	193	187	186	186	188	194	195	194	194	193
6 Q	193	192	193	194	194	194	193	193	192	191	190	192	192	190	186	178	182	186	189	192	195	195	192	189	191
7	189	191	191	192	193	194	194	192	190	190	186	184	182	178	174	166	164	172	182	189	194	195	194	193	186
8 Q	193	190	189	190	189	189	190	190	189	189	186	186	187	187	184	179	181	187	192	190	191	192	190	189	188
9	189	189	190	189	190	184	190	190	189	189	187	185	184	183	181	177	176	176	180	184	181	178	180	181	184
10 D	181	182	181	182	180	177	180	180	182	167	122	146	170	178	183	183	183	189	195	198	195	195	193	199	180
11 D	202	220	248	223	197	164	174	182	180	188	190	193	192	193	187	181	178	182	190	196	197	192	193	194	193
12	192	190	192	194	193	194	193	192	190	190	188	189	187	184	189	186	190	192	199	198	198	197	196	199	192
13	202	200	194	200	199	194	195	196	195	197	195	195	195	195	193	191	193	197	195	194	193	190	191	190	195
14	189	190	192	191	189	189	190	189	189	188	187	188	190	189	184	183	187	193	194	194	193	192	192	193	190
15	195	194	194	193	192	189	188	186	182	187	190	190	193	192	188	185	192	196	198	199	195	188	187	187	191
16	189	189	192	193	190	186	178	187	190	192	189	187	189	187	180	176	177	183	187	190	192	186	183	186	187
17	186	187	187	187	180	173	166	171	166	176	181	183	186	187	181	175	175	180	184	189	189	188	188	187	181
18	187	187	186	186	186	184	184	180	163	168	168	172	178	182	181	175	180	184	190	194	200	211	200	194	184
19	192	190	192	192	190	187	183	183	183	183	181	184	187	188	185	181	178	181	184	189	190	189	189	188	186
20	188	188	187	187	187	187	187	187	186	186	184	183	182	182	177	172	175	177	181	183	182	184	186	183	183
21	184	187	187	186	184	184	184	183	182	182	182	183	183	183	183	181	181	184	187	188	188	187	183	184	184
22 Q	184	186	187	187	187	187	186	184	184	183	182	183	184	186	183	183	183	183	186	187	186	183	182	182	185
23	183	183	183	183	183	182	180	176	177	174	172	172	176	176	175	179	182	189	189	192	189	184	183	183	181
24	184	183	183	183	183	183	180	173	163	156	159	161	173	175	172	180	185	189	193	192	192	193	189	190	180
25	187	187	187	187	187	186	183	183	183	182	181	180	182	181	176	176	184	192	202	211	217	214	214	220	191
26	208	202	200	186	183	183	189	191	190	189	187	183	187	188	187	187	189	189	193	190	192	195	195	195	191
27	193	192	192	191	176	183	190	190	183	173	160	167	181	182	186	187	186	188	193	195	194	195	202	211	187
28 D	207	200	192	182	181	187	167	155	170	175	153	157	171	175	172	171	177	186	190	189	191	189	189	189	180
29	189	189	191	190	190	180	187	183	158	158	182	183	182	181	177	180	180	181	184	184	187	187	186	184	183
30 Q	186	186	186	186	186	185	186	186	185	184	184	184	184	184	187	183	177	176	176	180	184	183	183	183	183
31																									
Mean	192	193	193	192	190	188	187	186	184	184	181	183	186	186	183	180	182	186	191	193	194	193	192	192	188

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 44 Agincourt

November 1958

Day	Horizontal Intensity						Declination						Vertical Intensity									
	Maximum 15,000 γ +			Minimum 15,000 γ +			Maximum 7° W +			Minimum 7° W +			Maximum 56,000 γ +			Minimum 56,000 γ +						
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ				
1	00	13	730	15	22	658	72	18	25	26.8	15	11	12.1	14.7	18	32	200	15	35	183	17	
2 D	01	40	729	17	38	632	97	18	02	33.6	13	35	9.0	24.6	20	20	226	16	07	187	39	
3 D	00	17	721	16	35	658	63	19	06	25.9	05	21	10.1	15.8	04	35	231	15	00	170	61	
4	19	56	718	16	46	672	46	18	29	23.5	12	02	9.5	14.0	06	04	208	16	14	182	26	
5 Q	01	52	724	16	25	676	48	18	29	23.3	12	03	9.3	14.0	13	30	198	15	36	183	15	
6 Q	23	59	729	15	09	689	40	18	15	25.0	13	44	12.6	12.4	20	35	196	15	52	177	19	
7	00	23	730	14	24	694	36	18	15	24.9	13	25	11.1	13.8	22	05	196	16	10	163	33	
8 Q	26	25	724	15	05	674	50	17	31	25.8	12	09	11.9	13.9	00	20	194	16	05	176	18	
9	22	46	742	15	45	686	56	17	26	22.0	12	47	13.0	9.0	06	35	194	16	20	176	18	
10 D	10	48	757	15	47	673	84	18	12	28.5	11	02	4.7	23.8	19	46	202	10	58	106	96	
11 D	00	45	737	14	27	662	75	02	09	25.7	02	40	8.7	17.0	02	28	257	05	21	144	113	
12	23	32	724	14	19	665	59	18	30	24.8	13	40	5.2	19.6	19	50	201	13	35	181	20	
13	02	08	737	14	43	674	63	18	52	22.2	02	54	8.6	13.6	00	55	205	02	13	181	24	
14	21	42	739	15	12	670	69	17	35	24.8	13	15	12.9	11.9	18	35	194	15	05	181	13	
15	23	52	743	15	40	679	64	18	08	22.5	13	10	7.9	14.6	19	10	201	08	49	178	23	
16	02	29	748	17	30	684	64	18	45	23.6	12	06	9.9	13.7	09	34	195	06	15	171	24	
17	23	57	730	15	38	684	46	08	11	26.6	09	49	7.9	18.7	20	05	190	08	10	153	37	
18	11	15	736	16	25	693	43	20	30	24.4	10	33	10.4	14.0	21	10	219	08	22	159	60	
19	10	12	727	17	23	687	40	17	21	21.2	12	25	13.3	7.9	00	21	193	16	25	176	17	
20	09	43	727	15	49	690	37	21	14	19.9	13	39	12.0	7.9	00	01	189	16	02	171	18	
21	08	17	731	16	12	695	36	17	18	22.8	09	55	13.6	9.2	21	30	189	16	25	178	11	
22 Q	00	48	738	15	00	687	51	17	53	23.5	14	22	13.8	9.7	04	00	188	10	15	181	7	
23	00	28	736	16	23	681	55	17	27	23.5	10	12	7.8	15.7	19	45	193	10	11	170	23	
24	10	58	734	16	28	656	78	13	05	26.0	09	57	11.0	15.0	20	42	195	09	20	149	46	
25	08	52	731	15	45	648	83	18	50	26.7	13	44	7.2	19.5	23	09	226	15	41	167	59	
26	21	43	718	16	52	668	50	18	05	23.8	03	28	9.7	14.1	00	20	212	03	39	166	46	
27	04	27	721	16	08	659	62	18	55	24.6	11	06	9.9	14.7	23	40	213	10	40	154	59	
28 D	11	23	737	17	08	654	83	13	04	23.0	07	28	6.6	16.4	00	05	211	07	11	127	84	
29	09	07	716	16	53	669	47	15	31	24.6	09	32	10.0	14.6	02	15	194	15	20	170	24	
30 Q	23	19	719	16	00	673	46	18	13	20.2	13	01	13.4	6.8	13	45	187	17	11	175	12	
31																						
Mean			731			673	58			24.5			10.1	14.4			203			168	35	
No. days			30			30	30			30			30	30			30			30	30	

HORIZONTAL INTENSITY
Mean values for periods of sixty minutes, Universal Time

Table 45 Agincourt (H)

15,000 γ +

December 1958

Hour U. T. Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1 Q	717	714	715	714	715	717	717	719	719	721	719	715	706	692	677	672	672	684	701	710	716	719	724	724	708
2	724	723	725	723	720	715	716	717	717	717	711	703	691	673	693	691	682	673	683	703	709	731	709	716	707
3	712	711	701	705	703	701	695	698	696	701	698	697	697	687	672	661	662	670	684	693	699	710	714	715	695
4 D	727	734	726	729	721	729	725	722	700	663	678	704	690	634	629	602	582	571	617	771	734	750	808	804	698
5 D	871	753	712	663	637	630	625	633	643	653	659	668	666	661	656	651	649	649	659	664	669	673	679	686	671
6	689	689	693	690	689	689	684	687	686	678	667	681	683	661	665	663	660	662	666	664	675	681	676	676	677
7 Q	684	688	699	698	691	685	685	689	694	696	696	696	692	684	678	666	660	667	681	691	692	696	699	705	688
8	703	706	709	710	706	706	705	705	703	701	704	700	688	675	661	678	691	692	694	694	704	716	701	701	698
9	706	696	705	698	704	700	700	683	693	696	699	698	695	692	691	691	684	685	692	698	701	702	710	709	697
10 Q	711	708	711	716	714	712	704	699	700	697	695	693	688	681	672	663	660	673	686	694	699	700	705	711	695
11	712	716	713	709	705	710	714	707	709	709	709	703	695	688	673	667	681	693	710	716	712	709	714	703	
12 Q	719	717	706	701	709	712	711	713	714	716	714	709	706	692	676	668	665	677	690	709	718	717	701	700	702
13 D	714	715	703	671	705	701	699	706	710	714	718	716	696	643	643	625	599	610	617	629	669	712	695	678	679
14	675	681	688	679	673	669	675	678	684	688	691	695	691	671	655	645	630	647	656	650	678	688	696	706	675
15	694	691	695	693	694	691	692	695	693	699	700	700	699	689	675	661	652	653	673	688	703	706	710	717	690
16	722	719	719	694	709	706	703	698	691	693	704	718	718	703	701	683	667	670	692	704	710	713	714	716	703
17 D	714	709	706	704	704	703	704	707	700	698	703	705	703	698	691	682	673	661	668	698	717	717	683	735	699
18 D	690	643	616	636	640	689	681	681	685	687	691	689	691	681	666	648	644	657	669	679	689	698	698	688	672
19	674	651	648	659	676	675	675	671	670	661	688	697	688	683	687	669	656	663	666	682	685	696	698	698	676
20	690	675	693	700	695	688	675	675	681	693	700	693	699	692	676	659	638	644	661	676	684	694	701	705	683
21	704	704	699	699	694	696	700	691	691	696	698	696	697	696	692	681	672	671	678	686	692	703	705	704	694
22	699	700	700	705	704	702	706	704	702	704	707	704	699	694	686	676	676	678	681	683	692	703	711	712	697
23	710	704	710	712	713	715	716	715	710	714	724	719	711	698	700	695	686	673	666	690	696	709	707	714	704
24	712	714	705	703	704	704	705	706	706	714	714	716	711	697	686	679	671	675	689	700	709	716	711	710	702
25 Q	715	714	714	714	714	713	714	714	715	715	712	714	711	709	703	686	678	680	689	701	720	724	726	734	710
26	730	725	726	720	719	719	717	712	709	709	712	709	699	690	702	686	673	665	686	703	714	709	696	701	705
27	709	705	704	700	701	699	693	704	701	692	691	689	691	684	676	656	650	666	681	694	704	714	717	714	693
28	702	710	717	712	715	713	711	714	712	710	709	711	709	701	678	661	662	673	681	700	710	714	724	719	703
29	704	706	709	711	714	711	713	712	716	716	714	714	712	700	690	671	660	668	677	689	699	718	706	712	702
30	711	709	706	714	714	715	713	709	709	712	715	714	706	719	705	686	664	667	679	690	704	709	716	706	704
31	707	704	706	709	709	709	712	701	713	714	714	713	711	700	685	670	664	661	676	689	705	717	725	724	702
Mean	711	704	703	700	700	701	700	699	699	699	702	703	699	687	680	667	659	663	675	691	700	708	709	711	695

DECLINATION
Mean values for periods of sixty minutes, Universal Time

Table 46 Agincourt (D) West

7°+ ...'

December 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 Q	17.3	16.3	16.3	15.8	16.2	16.7	16.6	16.5	16.0	15.3	14.9	14.3	13.3	13.1	14.5	17.1	19.3	20.3	19.5	18.4	18.3	17.9	17.4	17.2	16.7
2	16.6	15.7	15.9	15.3	15.0	15.0	14.5	14.2	14.3	12.8	14.6	18.4	15.7	18.1	21.1	24.1	23.7	23.8	24.9	26.4	24.9	26.4	23.2	17.1	18.8
3	15.9	15.5	18.0	15.5	16.0	15.4	15.5	14.9	15.1	14.9	14.3	13.7	13.4	12.4	11.8	15.9	18.9	21.3	22.9	23.1	23.4	22.1	21.1	20.8	17.1
4 D	19.3	17.5	17.1	15.1	16.1	17.6	17.5	16.5	15.5	13.2	16.5	23.0	27.1	26.2	34.3	30.3	30.9	31.8	26.5	18.0	23.0	24.7	25.6	31.3	22.3
5 D	16.5	19.4	12.4	11.2	12.9	15.9	17.1	15.6	18.3	19.2	19.1	18.3	18.8	17.4	17.1	18.3	20.7	23.0	23.9	24.7	25.0	24.8	24.0	22.1	19.0
6	21.4	20.1	19.4	20.0	20.0	20.1	20.2	19.7	19.2	18.2	24.3	18.7	16.7	16.5	21.0	22.7	24.2	25.7	25.7	25.7	24.2	24.0	22.9	22.1	21.4
7 Q	19.4	17.8	17.6	18.7	18.1	18.5	18.7	17.9	18.2	18.3	18.2	17.8	18.0	17.0	15.6	17.7	19.7	21.3	21.5	21.6	21.6	21.6	20.6	20.0	19.0
8	19.7	18.7	17.8	17.3	17.3	17.6	18.1	18.0	17.8	16.8	17.9	17.1	15.9	13.3	14.6	18.5	22.9	23.4	22.6	22.5	23.9	23.4	22.0	22.1	19.1
9	20.0	21.2	19.8	16.0	15.4	16.4	15.9	14.6	11.3	15.7	16.5	16.2	16.5	15.8	14.6	17.0	19.0	20.5	21.4	21.4	21.4	21.5	20.4	20.3	17.9
10 Q	20.0	18.2	18.2	19.1	19.6	18.7	17.2	17.5	16.4	16.2	16.8	16.8	16.9	16.4	15.7	17.0	18.8	20.0	20.5	20.6	21.3	21.7	21.0	20.2	18.5
11	19.3	18.3	17.7	17.9	18.4	19.1	18.0	17.2	16.7	13.4	11.7	13.4	14.0	13.4	14.9	16.4	19.1	21.9	23.5	23.2	22.3	22.0	21.8	19.4	18.0
12 Q	18.5	18.6	19.1	18.7	18.1	18.0	17.8	17.8	17.2	16.1	17.1	17.1	16.4	13.7	14.4	16.8	20.4	23.6	24.0	23.7	22.7	23.2	22.3	21.4	19.0
13 D	19.8	19.0	20.7	12.5	19.4	18.0	19.1	19.3	17.5	16.2	15.2	14.0	11.2	16.8	35.2	30.8	26.9	32.3	29.6	31.2	29.4	28.1	29.5	22.6	22.3
14	17.8	15.3	15.5	17.1	17.6	19.3	20.2	20.8	19.8	18.5	17.2	16.1	15.7	15.2	20.3	26.1	28.8	28.3	27.9	30.4	30.7	26.7	22.6	21.7	21.2
15	19.5	18.0	18.0	18.5	19.0	19.3	19.0	18.9	18.3	17.5	17.0	16.1	15.7	13.8	14.8	17.5	21.6	23.9	23.6	23.6	23.0	21.2	20.1	18.7	19.0
16	17.9	17.1	15.7	16.0	14.4	17.0	17.3	16.9	15.9	16.7	15.7	12.5	16.0	15.7	15.2	17.9	19.8	22.4	23.7	23.5	21.7	20.4	19.4	18.6	17.8
17 D	17.3	16.6	16.1	16.7	17.6	19.0	20.0	20.0	20.4	20.0	16.1	15.1	15.7	14.5	13.9	14.8	17.1	23.2	30.0	29.2	26.5	25.2	24.0	23.4	19.7
18 D	15.3	12.4	04.7	16.0	20.3	20.3	23.6	22.1	21.7	20.6	19.6	19.1	18.4	18.0	17.5	18.2	20.9	25.3	27.2	26.3	24.6	23.1	23.4	21.9	20.0
19	21.4	17.9	14.8	11.9	20.9	14.8	14.1	17.6	17.5	30.4	19.4	18.0	19.2	16.0	15.7	18.2	20.5	22.1	23.0	22.9	22.9	21.3	20.4	20.0	19.2
20	19.5	17.7	17.0	15.1	17.6	18.5	18.9	20.0	20.7	20.1	16.6	19.8	17.4	15.5	12.3	14.6	21.3	24.8	24.8	25.1	24.5	22.3	20.4	19.0	19.3
21	17.9	17.5	16.0	17.6	18.4	18.8	18.8	20.2	21.3	17.2	17.6	16.7	16.7	15.0	15.1	18.9	21.6	24.5	24.9	24.8	22.2	21.1	20.3	19.7	19.3
22	18.1	15.0	16.9	17.3	17.9	17.9	18.6	19.0	18.8	18.0	17.1	16.6	16.1	13.8	15.3	17.9	20.2	21.9	22.0	23.6	22.6	20.8	19.0	19.0	18.5
23	17.8	16.3	15.9	16.5	16.6	17.6	18.0	17.9	13.5	15.8	15.2	16.6	16.1	15.2	20.0	18.2	19.8	23.3	27.1	25.7	24.0	22.2	21.6	18.4	18.7
24	17.9	15.7	16.2	17.5	15.5	17.9	18.4	18.7	19.0	17.1	16.2	16.7	17.0	16.7	13.4	14.9	19.7	22.6	23.1	22.5	22.1	21.3	20.3	19.5	18.3
25 Q	18.5	17.7	17.3	17.1	17.5	17.9	18.5	18.5	18.1	17.6	18.5	17.1	16.3	13.4	12.1	13.3	16.7	21.1	22.6	22.9	21.5	19.9	18.8	17.3	17.9
26	17.3	17.1	16.1	17.2	16.6	17.1	17.4	16.9	16.1	16.6	16.1	13.9	13.8	15.6	16.0	17.9	21.1	24.8	27.2	24.4	21.7	23.1	22.9	20.3	18.6
27	18.8	17.0	16.7	16.1	15.2	14.9	18.9	19.8	17.5	15.7	16.1	18.0	15.4	13.9	13.5	16.7	22.5	24.8	24.7	23.0	20.8	19.9	19.4	19.9	18.3
28	19.8	17.9	16.4	16.1	17.9	19.4	20.0	21.1	17.0	15.9	15.6	16.1	14.8	12.0	13.1	19.3	21.0	23.5	24.5	24.6	22.6	20.7	20.0	21.7	18.8
29	16.9	15.8	15.6	16.7	17.4	18.9	19.5	19.0	18.3	17.0	17.0	15.6	15.4	12.9	13.0	15.6	20.0	24.4	26.9	28.5	27.7	23.4	23.6	23.0	19.2
30	20.6	16.2	16.4	14.6	16.4	17.4	20.1	21.8	17.9	15.2	16.0	14.7	14.3	13.5	09.7	15.2	19.0	22.5	24.0	25.3	25.0	22.5	21.7	20.0	18.3
31	18.0	16.2	15.3	15.6	16.7	17.9	18.7	18.4	17.9	16.7	16.6	16.1	14.8	12.5	11.1	13.2	17.7	22.5	23.6	24.9	23.1	20.8	19.3	18.5	17.8
Mean	18.5	17.2	16.5	16.3	17.3	17.8	18.3	18.3	17.5	17.2	16.8	16.6	16.2	15.3	16.4	18.4	21.1	23.7	24.4	24.2	23.5	22.5	21.6	20.6	19.0

VERTICAL INTENSITY
 Mean values for periods of sixty minutes, Universal Time

Table 47 Agincourt (Z)

56,000 γ +

December 1958

Hour U. T. Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24	
1 Q	182	183	182	182	182	182	183	182	182	182	181	181	181	182	182	185	193	197	198	192	189	186	183	182	185
2	182	182	183	182	183	184	184	184	182	181	169	152	145	147	134	145	165	178	192	195	203	218	217	204	179
3	195	199	211	198	190	189	189	188	188	186	184	186	188	188	187	186	190	194	195	193	190	189	186	184	191
4 D	189	183	182	183	182	183	184	179	158	097	131	162	154	164	177	181	195	226	310	322	284	322	345	381	201
5 D	414	402	383	305	261	234	224	217	213	212	208	207	208	206	202	196	201	206	204	202	203	205	206	204	238
6	203	202	202	201	199	199	199	200	196	194	182	169	182	195	202	192	202	199	201	201	206	207	207	207	198
7 Q	206	206	198	195	195	195	197	197	197	197	195	194	195	195	195	193	197	198	200	196	194	197	196	194	197
8	193	195	193	193	191	192	192	191	192	189	187	182	187	190	188	183	183	184	194	199	200	202	201	201	192
9	203	217	217	212	201	198	193	161	177	187	188	189	190	191	186	176	173	178	186	190	188	189	192	192	191
10 Q	190	192	189	189	194	194	190	190	191	190	190	190	192	193	192	190	194	195	193	193	192	192	192	190	192
11	188	189	187	188	189	190	189	189	188	183	185	187	188	189	188	183	185	187	189	192	190	189	196	194	189
12 Q	192	192	192	194	192	189	189	189	188	188	186	187	187	187	183	180	180	181	187	190	190	190	195	200	189
13 D	211	211	237	225	211	206	202	200	199	195	193	188	189	192	175	172	190	242	243	263	253	254	243	234	214
14	223	217	221	214	211	208	206	204	201	201	200	198	197	198	200	195	204	211	218	220	231	228	222	217	210
15	205	201	199	198	198	198	198	198	198	198	195	195	194	193	190	187	194	198	203	193	193	190	189	189	196
16	194	194	194	195	189	192	195	192	193	194	190	180	172	174	176	180	184	187	191	192	193	190	189	189	188
17 D	188	187	186	187	187	189	189	188	183	173	175	181	185	187	187	183	183	186	203	233	207	208	212	292	195
18 D	328	292	231	217	170	145	193	202	203	202	202	201	202	205	206	202	203	207	214	214	216	214	209	208	212
19	218	244	236	215	132	159	177	195	188	140	180	190	195	204	202	198	198	204	209	207	211	206	206	205	197
20	205	205	202	192	194	192	188	190	183	187	192	194	195	197	195	192	193	202	208	208	208	208	204	200	197
21	200	200	201	201	201	195	190	192	188	188	189	194	197	202	197	192	195	195	202	205	206	205	202	200	197
22	201	201	202	199	195	194	189	192	194	193	193	194	195	198	196	194	194	195	201	202	205	206	205	202	197
23	200	200	200	199	197	196	196	197	183	180	177	180	187	192	192	184	190	200	206	208	205	208	208	204	185
24	201	200	200	200	196	195	195	195	192	193	194	194	192	193	192	186	189	195	198	197	195	196	196	195	195
25 Q	194	194	193	192	192	192	193	193	193	193	190	189	189	190	189	181	184	186	192	195	195	193	190	190	191
26	189	189	189	191	192	192	192	190	189	189	189	187	189	189	176	168	182	192	197	200	204	200	205	206	191
27	208	208	202	197	192	182	177	180	187	181	178	171	187	196	187	186	195	200	207	208	205	200	198	198	193
28	204	205	201	198	194	193	192	187	184	189	189	193	194	190	183	187	193	197	202	202	202	195	198	204	195
29	208	202	198	195	192	189	188	192	194	192	190	190	192	193	187	183	189	190	195	199	204	205	199	205	195
30	208	206	201	195	190	190	184	180	178	178	184	187	188	190	183	178	180	183	188	190	194	195	197	198	189
31	198	198	195	192	189	189	184	185	186	190	190	192	191	190	184	183	183	184	188	192	195	194	189	189	190
Mean	210	210	207	201	193	191	192	191	189	185	186	187	188	190	188	185	190	196	204	206	205	206	206	208	196

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 48 Agincourt

December 1958

Day	Horizontal Intensity						Declination						Vertical Intensity								
	Maximum 15,000 γ +			Minimum 15,000 γ +			Maximum 7° W +			Minimum 7° W +			Maximum 56,000 γ +			Minimum 56,000 γ +					
	h.	m.	γ	h.	m.	γ	h.	m.	'	h.	m.	'	h.	m.	γ	h.	m.	γ			
1 Q	22	57	726	15	35	669	57	17	45	21.2	12	21	12.8	8.4	18	05	200	14	18	176	24
2	21	48	765	18	04	665	100	22	05	34.1	10	06	10.3	23.8	21	54	231	14	30	131	100
3	02	00	717	16	02	658	59	20	26	23.8	14	10	10.1	13.7	02	20	216	11	01	183	33
4 D	22	20	874	17	08	551	323	14	26	40.5	09	20	9.1	31.4	23	58	458	09	42	40	418
5 D	00	26	922	06	43	610	312	01	48	42.9	01	58	-0.1	43.0	00	52	481	15	15	195	286
6	02	18	700	13	50	648	52	10	46	28.2	13	23	13.3	14.9	22	38	209	11	25	162	47
7 Q	23	32	706	16	45	659	47	20	01	22.6	14	26	14.8	7.8	00	30	208	20	15	190	18
8	22	58	725	15	19	654	71	20	11	25.0	13	01	11.3	13.7	20	17	211	11	30	178	33
9	23	59	715	07	58	673	42	02	40	23.7	08	14	7.7	16.0	03	01	223	07	54	144	79
10 Q	03	17	719	16	40	658	61	04	53	21.9	14	18	15.1	6.8	04	15	195	03	22	188	7
11	23	59	718	16	08	665	53	18	17	24.9	10	01	10.3	14.6	22	58	200	09	44	178	22
12 Q	21	07	730	15	51	664	66	17	50	24.8	13	20	12.6	12.2	23	50	204	16	48	176	28
13 D	21	35	742	17	00	578	164	14	05	41.7	12	47	4.9	36.8	21	20	275	15	35	161	114
14	23	43	716	16	28	618	98	19	56	34.1	13	41	12.5	21.6	20	27	241	15	20	194	47
15	23	52	725	16	26	646	79	20	28	25.1	13	50	12.5	12.6	00	05	211	15	10	186	25
16	02	07	746	16	35	663	83	18	26	26.0	11	23	9.9	16.1	02	06	202	12	02	168	34
17 D	23	55	823	17	58	642	181	18	50	37.9	15	56	12.4	25.5	23	52	419	09	57	167	252
18 D	00	01	818	02	07	578	240	04	43	28.6	02	10	-5.3	33.9	00	01	376	05	00	101	275
19	11	06	706	01	58	634	72	09	37	36.8	03	50	7.7	29.1	01	38	261	04	25	101	160
20	02	37	714	17	36	633	81	09	07	27.6	14	35	9.3	18.3	18	59	212	08	32	175	37
21	22	48	709	17	08	664	45	18	35	26.3	13	33	13.8	12.5	21	30	208	09	06	181	27
22	23	08	717	16	20	672	45	19	56	26.3	01	25	12.6	13.7	21	12	208	06	53	184	24
23	10	37	725	18	01	657	68	18	36	29.6	08	58	10.3	19.3	18	30	212	09	48	172	40
24	01	33	719	16	56	668	51	18	24	23.9	14	35	12.0	11.9	00	01	203	15	30	183	20
25 Q	23	45	743	16	38	676	67	18	55	23.2	14	51	11.3	11.9	20	43	198	15	45	178	20
26	00	01	735	17	37	658	77	18	04	29.2	12	42	12.7	16.5	23	21	208	15	10	166	42
27	22	56	724	16	06	643	81	17	22	26.5	13	51	10.3	16.2	01	25	211	11	24	156	55
28	22	48	732	16	32	654	78	19	15	26.3	13	55	8.4	17.9	23	59	211	15	06	180	31
29	21	33	724	16	26	659	65	19	15	29.4	13	25	11.7	17.7	00	55	212	15	05	182	30
30	22	08	725	17	02	655	70	19	23	27.1	14	33	5.2	21.9	00	23	210	15	45	173	37
31	22	35	729	17	09	640	89	19	17	26.3	14	48	5.2	21.1	00	40	199	17	09	180	19
Mean			742			646	96			28.5			9.8	18.7			242			165	77
No. days			31			31	31			31			31	31			31			31	31

DIURNAL INEQUALITIES OF MAGNETIC ELEMENTS
Departure from mean of the day not adjusted for non-cyclic change

Hour U. T. Month Season	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24
HORIZONTAL INTENSITY (gammas) (All Days)																								
Table 49 Agincourt 1958																								
January	+11	+8	+9	+4	+2	0	+2	+2	+6	+7	+11	+13	+10	0	-14	-30	-39	-32	-17	-4	+8	+14	+16	+16
February	+17	+19	+22	+15	+8	+5	-13	-6	-7	-1	-5	-6	-10	-16	-21	-30	-28	-16	-1	+10	+15	+14	+15	+14
March	+19	+17	+21	+14	+9	+5	-5	-9	-6	0	+2	+2	-5	-18	-31	-38	-40	-26	-11	+8	+21	+26	+25	+22
April	+18	+15	+12	+5	+6	+1	-4	-2	-2	-4	-3	-5	-14	-25	-38	-46	-39	-21	-1	+19	+29	+34	+35	+25
May	+18	+8	+5	+4	+2	-1	0	-2	-7	-11	-10	-14	-21	-35	-47	-44	-34	-13	+6	+24	+42	+47	+42	+40
June	+40	+15	+5	-2	-14	-20	-12	-17	-15	-22	-14	-19	-25	-29	-40	-40	-31	-14	+11	+36	+49	+51	+49	+46
July	+18	+12	+7	+3	+4	+1	+1	-10	-11	-14	-15	-23	-31	-32	-42	-50	-41	-13	+14	+43	+37	+54	+52	+28
August	+17	+18	+18	+13	+4	+6	+1	-3	+2	-5	-6	-12	-20	-30	-40	-46	-39	-17	+5	+25	+34	+31	+29	+22
September	+28	+18	+11	+3	+3	+6	+8	+3	+1	0	+3	-2	-19	-39	-53	-59	-45	-22	-1	+22	+35	+41	+35	+35
October	+14	+15	+13	+11	+10	+8	+5	+3	0	+5	+2	+2	-2	-17	-29	-42	-40	-25	-10	+4	+13	+21	+18	+17
November	+11	+10	+7	+7	+5	+4	+5	+6	+8	+10	+11	+9	+1	-11	-21	-28	-29	-21	-13	-3	+4	+3	+10	+11
December	+16	+9	+8	+5	+5	+6	+5	+4	+4	+4	+4	+7	+8	+4	-8	-15	-28	-36	-32	-20	-4	+5	+13	+16
Year	+18.9	+13.6	+11.5	+6.8	+3.7	+1.8	-0.5	-2.6	-2.2	-2.6	-1.4	-3.9	-11.0	-21.7	-32.6	-40.1	-36.7	-21.0	-3.2	+15.0	+24.3	+28.6	+28.3	+24.3
Winter	+13.8	+11.5	+11.5	+7.8	+5.0	+3.8	0.0	+1.5	+2.8	+5.0	+6.0	+6.0	+1.2	-6.8	-17.8	-29.0	-33.0	-25.2	-12.8	0.0	+6.0	+9.5	+13.8	+14.2
Equinox	+19.8	+16.2	+14.2	+8.2	+7.0	+5.0	+1.0	-1.2	-1.8	0.0	+1.0	-0.8	-10.0	-24.8	-37.8	-46.2	-41.0	-23.5	-5.8	+13.2	+24.5	+30.5	+28.2	+24.8
Summer	+23.2	+13.2	+8.8	+4.5	-1.0	-3.5	-2.5	-8.0	-7.8	-13.0	-11.2	-17.0	-24.2	-31.5	-42.2	-45.0	-36.2	-14.2	+9.0	+32.0	+40.5	+45.8	+43.0	+34.0
DECLINATION (minutes) (All Days)																								
Table 50 Agincourt 1958																								
January	-1.2	+0.8	+1.4	+2.2	+2.1	+2.5	+2.1	+2.5	+2.4	+1.7	+1.8	+1.8	+3.2	+5.4	+5.6	+2.3	-1.8	-5.5	-6.8	-6.6	-5.3	-4.1	-3.3	-2.3
February	-0.4	+0.9	+4.3	+0.3	+0.6	-0.3	-1.5	+1.4	+2.5	+3.6	+3.7	+3.9	+4.4	+3.8	+2.4	-1.0	-3.5	-4.6	-4.8	-4.5	-3.6	-2.7	-2.8	-2.2
March	-0.6	+1.2	+1.4	+3.4	+2.4	+2.7	+2.5	+2.1	+2.6	+3.8	+4.1	+4.3	+5.7	+6.2	+4.2	-0.1	-4.1	-7.8	-9.0	-8.1	-6.5	-4.5	-3.3	-2.4
April	-1.0	-0.9	+1.5	+2.0	+1.4	+1.8	+1.1	+1.6	+2.6	+3.6	+4.6	+7.1	+8.7	+7.7	+4.2	-0.9	-6.2	-8.6	-8.9	-7.8	-5.9	-3.9	-2.0	-0.9
May	+1.0	+0.8	+0.8	+1.0	+0.6	+0.8	+0.6	+1.2	+0.9	+1.9	+5.1	+7.8	+8.3	+7.3	+3.7	-2.8	-7.0	-8.8	-9.2	-7.6	-5.1	-2.6	-0.2	+1.1
June	-0.2	-0.5	+1.0	+0.2	-0.4	-2.6	-0.9	-0.3	+0.5	+2.2	+5.8	+8.2	+9.7	+7.7	+4.8	-0.1	-4.3	-7.5	-8.2	-7.3	-5.3	-2.6	-0.4	+0.2
July	-0.1	+0.6	+0.5	-0.4	+0.6	-0.3	-0.4	-2.5	+2.1	+4.2	+6.2	+8.7	+9.1	+4.3	0.0	-3.1	-5.7	-7.4	-8.6	-4.8	-3.0	-1.7	+0.5	
August	-0.2	-0.2	+1.0	0.0	-0.1	+0.2	+0.9	+0.4	+0.7	+2.4	+5.1	+8.1	+10.7	+9.9	+5.4	-0.5	-6.4	-9.3	-10.5	-8.6	-5.8	-3.0	-0.4	+0.4
September	-0.5	-0.3	-0.2	-0.8	0.0	+0.4	+1.6	+2.4	+4.1	+3.4	+4.0	+6.3	+8.0	+7.0	+2.6	-3.1	-6.7	-8.3	-9.0	-5.5	-3.3	-1.2	-0.6	-0.4
October	-0.8	-0.2	+0.6	+1.6	+2.0	+2.4	+3.3	+3.5	+2.0	+1.2	+2.6	+4.9	+6.4	+5.5	+1.7	-3.3	-5.9	-7.2	-6.9	-5.0	-3.9	-3.1	-2.4	
November	-0.8	-0.1	+0.8	+1.0	+1.0	+1.2	+1.4	+1.5	+1.5	+2.6	+2.8	+3.3	+4.9	+3.9	+3.1	0.0	-3.1	-5.1	-5.5	-4.3	-3.2	-2.7	-2.2	-1.4
December	+0.5	+1.8	+2.6	+2.7	+1.7	+1.2	+0.8	+0.7	+1.5	+1.8	+2.2	+2.4	+2.8	+3.7	+2.7	+0.6	-2.1	-4.7	-5.4	-5.2	-4.5	-3.5	-2.6	-1.6
Year	-0.4	+0.3	+1.3	+1.1	+1.0	+0.8	+0.8	+1.2	+1.7	+2.5	+3.7	+5.2	+6.6	+6.4	+4.0	-0.3	-4.3	-6.9	-7.7	-6.3	-4.9	-3.1	-1.9	-1.0
Winter	-0.5	+0.8	+2.2	+1.5	+1.4	+1.2	+0.6	+1.5	+2.0	+2.4	+2.6	+2.8	+3.5	+4.2	+3.4	+0.5	-2.6	-5.0	-5.6	-5.2	-4.2	-3.2	-2.7	-1.9
Equinox	-0.7	-0.1	+0.8	+1.6	+1.4	+1.7	+1.9	+2.4	+3.2	+3.2	+3.4	+5.1	+6.8	+6.8	+4.2	-0.6	-5.1	-7.6	-8.5	-7.1	-5.2	-3.4	-2.3	-1.5
Summer	+0.1	+0.2	+0.8	+0.2	+0.2	-0.5	+0.1	-0.3	0.0	+1.9	+5.1	+7.6	+9.4	+8.2	+4.6	-0.8	-5.2	-8.0	-8.8	-6.8	-5.2	-2.8	-0.7	+0.6
VERTICAL INTENSITY (gammas) (All Days)																								
Table 51 Agincourt 1958																								
January	+14	+12	+10	0	-3	-4	-5	-7	-8	-14	-10	-5	-4	-3	-6	-7	-4	+2	+6	+8	+10	+7	+5	+7
February	+14	+11	+6	-2	0	-7	-8	-19	-7	-13	-15	-15	-11	-10	-9	-7	-3	+3	+10	+16	+18	+15	+14	+16
March	+27	+27	+20	+8	+3	-8	-21	-27	-29	-28	-19	-16	-15	-13	-13	-12	-6	+3	+10	+17	+24	+26	+25	+27
April	+25	+22	+13	+4	-8	-10	-23	-30	-30	-23	-21	-20	-16	-14	-13	-13	-7	-1	+6	+18	+30	+35	+39	+31
May	+17	+12	+5	-5	-10	-14	-13	-15	-16	-13	-11	-13	-13	-12	-12	-9	-2	+6	+20	+28	+30	+35	+29	
June	+23	+11	+3	-4	-10	-23	-23	-31	-24	-19	-13	-13	-12	-8	-6	-7	-3	+1	+10	+20	+27	+35	+34	+32
July	+20	+15	+9	+4	-3	-8	-13	-22	-23	-17	-22	-27	-16	-12	-9	-8	-3	+9	+14	+14	+25	+26	+29	+25
August	+10	+7	+3	-9	-11	-17	-20	-16	-13	-14	-8	-8	-7	-6	-6	-5	-2	+5	+16	+19	+23	+20	+20	+15
September	+12	+2	+8	+4	-15	-11	-8	-10	-14	-17	-15	-13	-11	-11	-11	-10	-3	+11	+15	+22	+19	+15	+20	+20
October	+14	+10	+5	+1	-1	-8	-16	-21	-26	-20	-18	-10	-6	-3	-4	-6	-3	+6	+12	+15	+19	+19	+17	+16
November	+4	+5	+5	+4	+2	0	-1	-2	-4	-4	-7	-5	-2	-2	-5	-6	-2	+3	+6	+6	+6	+5	+4	+4
December	+14	+14	+11	+5	-3	-5	-4	-5	-7	-11	-10	-9	-8	-6	-8	-11	-6	0	+8	+10	+9	+10	+10	+12
Year	+16.2	+12.3	+8.2	+0.8	-4.9	-9.6	-12.9	-17.1	-16.8	-16.1	-14.1	-12.8	-10.0	-8.4	-8.5	-8.9	-4.5	+2.9	+9.8	+15.3	+19.8	+20.2	+21.0	+19.5
Winter	+11.5	+10.5	+8.0	+1.8	-1.0	-4.0	-4.5	-8.2	-6.5	-10.5	-10.5	-8.5	-6.2	-5.2	-7.0	-8.2	-4.8	+0.8	+6.8	+9.8	+10.8	+9.2	+8.2	+9.8
Equinox	+19.5	+15.2	+11.5	+4.2	-5.2	-9.2	-17.0	-22.0	-24.8	-22.0	-18.2	-14.8	-12.0	-10.2	-10.2	-10.2	-4.8	+4.8	+11.2	+18.0	+23.0	+23.8	+25.2	+23.5
Summer	+17.5	+11.2	+5.0	-3.5	-8.5	-15.5	-17.2	-21.0	-19.0	-15.8	-13.5	-15.2	-12.0	-9.8	-8.2	-8.0	-4.0	+3.2	+11.5	+18.2	+25.8	+27.8	+29.5	+25.2

DIURNAL INEQUALITIES OF MAGNETIC ELEMENTS
Departure from mean of the day not adjusted for non-cyclic change

Hour Month Season	U. T.																							
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
Table 52 Agincourt HORIZONTAL INTENSITY (gammas) (Quiet Days) 1958																								
January	+1	+1	+2	+2	+3	+7	+8	+8	+8	+10	+13	+12	+11	+5	0	-18	-34	-32	-21	-12	-3	+7	+11	+10
February	+8	+8	+8	+7	+5	+6	+7	+4	+6	+8	+6	+3	-2	-7	-15	-26	-28	-23	-12	-1	+7	+7	+11	+12
March	+14	+9	+9	+11	+9	+8	+6	+7	+9	+10	+9	+7	0	-9	-21	-33	-40	-36	-19	-5	+8	+19	+16	+14
April	+7	+7	+7	+8	+10	+7	+7	+8	+9	+7	+5	+4	-2	-13	-24	-28	-29	-22	-12	-2	+8	+15	+11	+12
May	+15	+9	+8	+8	+4	+4	+4	+4	+3	+1	0	-1	-10	-23	-33	-37	-30	-13	+1	+11	+18	+19	+20	
June	+4	+6	+3	+6	+4	+1	+2	+2	+4	+4	+2	+4	-11	-19	-33	-44	-38	-15	+6	+20	+30	+32	+25	+16
July	+9	+6	+3	+1	+2	+2	+4	+5	+1	0	0	-4	-12	-19	-27	-32	-25	-14	-2	+7	+16	+29	+28	+18
August	+10	+12	+12	+9	+9	+10	+9	+8	+4	+1	0	-3	-11	-28	-40	-42	-34	-15	-2	+13	+20	+21	+23	+15
September	+16	+16	+15	+15	+15	+16	+15	+15	+14	+12	+8	-1	-19	-39	-51	-54	-43	-27	-4	+10	+16	+16	+20	+19
October	+10	+12	+12	+11	+11	+11	+12	+12	+12	+11	+8	-4	-21	-38	-46	-39	-25	-10	+3	+5	+12	+14	+16	
November	+8	+8	+7	+7	+6	+6	+7	+8	+8	+7	+3	-2	-13	-23	-29	-28	-22	-9	0	+7	+9	+13	+13	
December	+8	+7	+8	+8	+8	+7	+5	+6	+8	+8	+6	+5	0	-9	-20	-30	-34	-24	-11	0	+8	+10	+10	+14
Year	+9.2	+8.4	+7.8	+7.8	+7.2	+7.1	+7.2	+7.3	+7.2	+6.8	+5.6	+2.4	-5.2	-16.2	-27.1	-34.9	-33.5	-22.3	-7.9	+3.7	+11.7	+16.3	+16.7	+14.8
Winter	+6.2	+6.0	+6.2	+6.0	+5.5	+6.5	+6.8	+6.8	+7.5	+8.5	+8.0	+5.8	+1.8	-6.0	-14.5	-25.8	-31.0	-25.2	-13.2	-3.2	+4.8	+8.2	+11.2	+12.2
Equinox	+11.8	+11.0	+10.8	+11.2	+11.2	+10.5	+10.0	+10.5	+11.0	+10.2	+8.2	+4.5	-6.2	-20.5	-33.5	-40.2	-37.8	-27.5	-11.2	+1.5	+9.2	+15.5	+15.0	+15.0
Summer	+9.5	+8.2	+6.5	+6.0	+4.8	+4.2	+4.8	+4.8	+3.0	+1.5	+0.5	-3.0	-11.0	-22.2	-33.2	-38.8	-31.8	-14.2	+0.8	+12.8	+21.0	+25.2	+23.8	+17.2

Table 53 Agincourt DECLINATION (minutes) (Quiet Days) 1958																									
Month	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
January	-1.6	-0.8	0.0	+0.6	+0.8	+0.4	+0.2	+0.5	+0.7	+0.4	+0.7	+1.4	+2.4	+4.5	+6.0	+4.8	+0.9	-2.8	-4.2	-3.9	-4.2	-3.4	-2.2	-1.3	
February	-1.7	-1.1	-0.7	+0.6	+0.7	0.0	+1.0	+1.7	+1.0	+1.8	+2.8	+3.0	+4.3	+3.8	+3.1	+1.0	-1.5	-3.2	-4.0	-3.4	-2.6	-2.2	-2.4	-2.0	
March	-0.7	+0.2	-0.3	+1.0	+0.4	-0.5	+0.6	+1.3	+2.4	+2.8	+3.5	+4.5	+6.5	+7.5	+6.0	+2.2	-1.3	-5.9	-7.5	-7.1	-5.7	-4.3	-3.3	-2.6	
April	-1.8	-2.0	-1.3	-0.6	+0.2	+1.1	+2.1	+2.5	+2.9	+3.1	+3.5	+5.3	+6.6	+6.4	+3.7	-0.2	-3.0	-5.0	-6.6	-6.3	-5.0	-3.3	-1.5	-0.9	
May	+0.5	-0.4	-0.3	-0.6	-0.4	+0.1	+0.3	+0.7	+1.2	+3.2	+6.3	+8.8	+10.1	+9.3	+4.4	-1.4	-6.3	-8.8	-9.6	-8.4	-5.8	-3.2	-0.5	+0.6	
June	0.0	+0.2	-0.5	-0.5	+0.9	+0.3	+0.5	+0.3	+1.2	+3.0	+6.2	+8.3	+10.1	+8.8	+5.5	+0.5	-4.1	-8.0	-8.6	-8.8	-7.5	-5.0	-1.9	-0.9	
July	+0.2	+0.3	+0.5	+1.2	+1.7	-0.5	-0.1	-0.2	-0.1	+2.4	+5.4	+7.0	+7.7	+6.9	+4.2	+1.2	-2.4	-5.5	-7.4	-8.2	-7.2	-4.7	-2.4	-0.2	
August	+0.3	-0.3	-0.2	+0.9	+0.1	+0.1	0.0	+0.1	+0.4	+1.9	+5.0	+8.4	+10.4	+9.8	+5.5	-0.1	-4.6	-8.2	-9.2	-8.5	-6.3	-3.8	-1.3	-0.2	
September	-1.9	-1.2	-0.9	-0.6	-0.1	+0.3	+0.9	+1.6	+2.3	+3.1	+4.4	+7.3	+9.6	+8.5	+4.9	-0.7	-5.9	-8.9	-9.2	-7.1	-3.6	-1.0	-0.4	-1.4	
October	-1.6	-1.2	-0.5	-0.1	-0.2	+0.4	+1.1	+2.0	+2.2	+2.1	+1.8	+3.4	+6.0	+7.6	+6.6	+2.2	-2.3	-5.7	-7.2	-5.9	-4.1	-2.9	-2.0	-1.5	
November	-0.8	-0.4	+0.4	+0.3	+0.4	+0.7	+1.0	+1.2	+1.6	+1.9	+2.3	+2.7	+3.7	+4.4	+3.8	+0.3	-2.9	-4.9	-4.9	-3.7	-2.5	-2.0	-1.6	-0.9	
December	-0.5	+0.5	+0.5	+0.3	+0.3	+0.2	+0.4	+0.6	+1.0	+1.5	+1.1	+1.6	+2.1	+3.5	+3.8	+1.9	-0.8	-3.0	-3.4	-3.2	-2.9	-2.6	-1.8	-1.0	
Year	-0.8	-0.5	-0.3	+0.2	+0.4	+0.2	+0.7	+1.0	+1.4	+2.3	+3.6	+5.1	+6.6	+6.8	+4.8	+1.0	-2.9	-5.8	-6.8	-6.2	-4.8	-3.2	-1.8	-1.0	
Winter	-1.2	-0.4	-0.1	+0.4	+0.6	+0.3	+0.6	+1.0	+1.1	+1.4	+1.7	+2.2	+3.1	+4.1	+4.2	+2.0	-1.1	-3.5	-4.1	-3.5	-3.1	-2.5	-2.0	-1.3	
Equinox	-1.5	-1.1	-0.8	-0.1	+0.1	+0.3	+1.2	+1.9	+2.4	+2.8	+3.3	+5.1	+7.2	+7.5	+5.3	+0.9	-3.1	-6.4	-7.6	-6.6	-4.6	-2.9	-1.8	-1.6	
Summer	+0.2	-0.1	-0.1	+0.2	+0.6	0.0	+0.2	+0.2	+0.7	+2.6	+5.7	+8.1	+9.6	+8.7	+4.9	+0.1	-4.4	-7.6	-8.7	-8.5	-6.7	-4.2	-1.5	-0.2	

Table 54 Agincourt VERTICAL INTENSITY (gammas) (Quiet Days) 1958																									
Month	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
January	+4	+3	+3	+2	+2	+1	0	-2	-2	-3	-2	-1	0	+2	-1	-9	-7	-2	+3	+3	+4	+3	0	0	
February	+7	+6	+5	+4	+3	+2	0	-4	-1	-1	-4	-2	0	0	-4	-7	-6	-4	-1	+3	+3	+1	+2	+2	
March	+9	+11	+14	+8	0	-1	-3	-2	-6	-6	-3	-2	-1	-2	-5	-10	-11	-4	-2	-1	+1	+4	+7	+7	
April	+9	+5	+4	+4	+1	-1	-3	0	0	-2	-3	-2	-3	-6	-10	-12	-10	-9	-3	+5	+10	+11	+10	+7	
May	+7	+7	+4	+3	0	+1	+2	+2	+2	+4	+5	+3	-1	-5	-10	-15	-18	-16	-10	-2	+5	+10	+11	+10	
June	+3	+4	+5	+3	-3	-2	-1	-1	+1	+3	+4	0	-4	-5	-7	-12	-11	-8	-4	0	+6	+10	+11	+8	
July	+9	+5	+2	0	-8	-8	-8	-8	-8	-7	-3	-3	-4	-8	-11	-9	-9	-5	-3	+2	+6	+11	+18	+18	
August	+5	+2	0	-2	-3	-5	-5	-5	-5	-1	+2	+1	0	-3	-4	-5	-5	-2	+1	+4	+8	+9	+10	+8	
September	0	-2	-2	-3	-3	-3	-3	-2	-3	-3	-1	+1	0	-3	-5	-7	-5	0	+6	+11	+13	+8	+3	-1	
October	+3	+2	+2	+2	+2	0	-1	-3	-2	-2	-2	0	+3	+2	-1	-6	-8	-4	+2	+4	+3	+2	+2	+1	
November	+2	+2	+2	+3	+2	+2	+2	+2	+1	0	-1	0	+1	+1	-2	-7	-6	-4	-1	+1	+2	+1	0	-1	
December	+2	+2	0	0	+1	0	0	0	0	-1	-2	-2	-1	-2	-5	-1	+1	+3	+3	+1	+1	+1	+1	+1	
Year	+5.0	+4.0	+3.2	+2.0	-0.3	-1.2	-1.7	-1.9	-1.9	-1.6	-0.8	-0.6	-0.9	-2.3	-5.2	-8.7	-7.8	-4.6	-0.3	+2.9	+5.4	+6.5	+6.2	+4.8	
Winter	+3.8	+3.5	+2.5	+2.2	+2.0	+1.2	+0.5	-1.0	-0.5	-1.2	-2.2	-1.2	-0.2	+0.5	-2.2	-7.0	-5.0	-2.2	+1.0	+2.0	+2.5	+1.5	+0.8	+0.5	
Equinox	+5.2	+4.0	+4.2	+2.8	0.0	-1.2	-2.5	-1.8	-2.8	-3.2	-2.2	-0.8	-0.2	-2.2	-5.2	-8.8	-8.5	-4.2	+0.8	+4.8	+6.8	+6.2	+5.5	+3.5	
Summer	+6.0	+4.5	+2.8	+1.0	-3.0	-3.5	-3.0	-3.0	-2.5	-0.2	+2.0	+0.2	-2.2	-5.2	-8.0	-10.2	-9.8	-7.2	-2.8	+2.0	+7.0	+11.8	+12.5	+10.5	

DIURNAL INEQUALITIES OF MAGNETIC ELEMENTS
Departure from mean of the day not adjusted for non-cyclic change

Hour U. T. Month Season	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	to 1	to 2	to 3	to 4	to 5	to 6	to 7	to 8	to 9	to 10	to 11	to 12	to 13	to 14	to 15	to 16	to 17	to 18	to 19	to 20	to 21	to 22	to 23	to 24
HORIZONTAL INTENSITY (gammas) (Disturbed Days)																								
Table 55 Agincourt 1958																								
January	+20	+8	+14	-3	-9	-24	-7	-5	0	-4	+6	+20	+11	+4	-14	-25	-31	-24	-18	-7	+15	+18	+22	+31
February	+55	+63	+81	+38	+13	+4	-84	-44	-53	-32	-60	-54	-41	-30	-19	-25	-17	0	+23	+43	+40	+36	+36	+27
March	+34	+48	+50	+29	+16	-5	-46	-78	-48	-21	-18	-4	-13	-22	-41	-33	-28	-20	+3	+30	+41	+39	+41	+25
April	+33	+22	+19	+4	+10	-1	-12	-21	-18	-23	-7	-14	-26	-39	-48	-63	-37	-20	+5	+40	+49	+61	+57	+39
May	+36	+19	+5	-2	0	-10	-12	-23	-41	-58	-49	-56	-57	-68	-68	-52	-39	-12	+12	+41	+109	+121	+90	+121
June	+151	+46	+16	-21	-74	-108	-45	-44	-52	-64	-46	-63	-65	-42	-55	-36	-12	-2	+43	+95	+128	+89	+69	+122
July	+37	+32	+14	+3	+3	-8	-15	-78	-52	-68	-59	-101	-117	-90	-109	-116	-86	+17	+77	+200	+109	+171	+164	+79
August	+36	+43	+49	+26	-37	-13	-24	-54	-20	-47	-23	-32	-28	-30	-40	-48	-43	-7	+20	+50	+75	+52	+57	+38
September	+95	+35	+4	-46	-35	-16	-13	-41	-47	-46	-24	-22	-41	-70	-82	-100	-75	-20	+11	+73	+105	+138	+104	+111
October	+27	+28	+18	+17	+16	+9	-8	-29	-60	-42	-58	-37	-4	-16	-11	-22	-22	+1	+10	+23	+49	+52	+36	+22
November	+19	+18	+9	+7	+3	+3	-1	+5	+9	+13	+18	+13	-1	-14	-24	-32	-25	-29	-16	-3	+4	+8	+11	+13
December	+59	+27	+9	-3	-2	+7	+3	+6	+4	-1	+6	+12	+5	-20	-27	-42	-54	-54	-38	+4	+12	+26	+29	+35
Year	+50.2	+31.7	+24.8	+4.1	-8.0	-13.5	-22.0	-33.8	-31.5	-35.2	-26.2	-27.5	-31.4	-36.4	-44.8	-49.5	-39.9	-14.2	+11.0	+49.1	+61.3	+66.8	+59.7	+54.7
Winter	+35.2	+29.0	+28.2	+9.8	+1.2	-2.5	-22.2	-9.5	-10.0	-6.0	-7.5	-2.2	-6.5	-15.0	-21.0	-31.0	-34.2	-26.8	-12.0	+9.2	+17.8	+22.0	+24.5	+26.5
Equinox	+47.3	+33.2	+25.2	+1.0	+1.8	-3.2	-19.8	-42.2	-43.2	-33.0	-26.8	-17.2	-21.0	-36.8	-45.5	-54.5	-40.5	-14.8	+7.2	+41.5	+61.0	+70.2	+59.5	+49.2
Summer	+65.0	+32.8	+21.0	+1.5	-27.0	-34.8	-24.0	-49.8	-41.2	-66.8	-44.2	-63.0	-66.8	-57.5	-58.0	-63.0	-45.0	-1.0	+37.2	+96.5	+105.2	+108.2	+95.0	+88.2
DECLINATION (minutes) (Disturbed Days)																								
Table 56 Agincourt 1958																								
January	-2.5	+3.7	+3.2	+6.7	+2.9	+6.1	+6.4	+4.0	+3.1	+1.6	+1.2	+0.1	+3.9	+5.3	+6.3	+0.6	-3.2	-6.4	-6.9	-9.5	-7.3	-6.0	-5.3	-4.5
February	+1.3	+2.4	+17.9	-6.3	-3.5	-9.0	-16.9	-2.2	+3.8	+6.6	+3.5	+5.2	+8.8	+2.7	+2.2	-2.9	-2.6	-2.3	-1.0	-1.6	-2.5	-1.0	-1.8	-0.8
March	-0.2	+2.2	+2.0	+9.4	+7.7	+8.2	+3.4	+2.1	+4.3	+5.2	+3.1	+2.5	+3.1	+3.1	+0.2	-5.3	-8.5	-10.8	-10.6	-8.0	-6.3	-3.4	-3.2	-0.2
April	-2.2	-1.1	+2.0	+4.1	-0.4	+1.8	+0.9	-0.9	+3.3	+3.1	+4.8	+8.1	+10.1	+7.9	+4.1	-1.0	-6.8	-8.7	-8.7	-5.7	-5.3	-4.6	-3.2	-1.4
May	+3.1	+3.2	-0.1	+2.0	+0.3	+1.0	+0.5	+3.0	+1.7	+1.4	+6.4	+7.2	+5.2	+2.8	+0.6	-7.2	-10.8	-10.6	-8.8	-5.1	-0.7	+1.3	+0.6	+3.9
June	+0.2	-1.5	+1.3	+0.6	-5.6	-15.3	-3.8	+1.3	-2.0	+1.8	+3.6	+6.2	+10.0	+8.0	+5.1	+0.8	-4.3	-6.4	-6.8	-3.1	-0.9	+3.2	+2.5	+2.9
July	-2.0	-1.2	-1.3	-3.1	-2.1	-3.4	-2.0	-12.0	-9.4	-2.4	+4.4	+1.0	+8.5	+9.7	+3.3	-1.3	-1.0	+0.7	-4.4	+18.6	+1.8	-0.3	-4.1	+0.5
August	-2.7	-1.4	+4.4	-3.2	-5.4	-0.9	+0.8	-1.9	+1.6	+4.3	+5.7	+6.1	+11.7	+12.3	+7.6	-0.2	-7.3	-7.2	-7.8	-5.6	-3.2	-4.1	-2.1	-1.5
September	+0.9	+0.2	-0.9	-5.4	0.0	+0.9	+2.1	+2.5	+6.3	+1.6	+4.9	+4.9	+6.0	+4.1	-4.2	-7.6	-6.0	-2.3	-7.0	+2.4	-8.2	-0.7	-0.7	-1.6
October	+0.3	+1.4	+3.2	+6.4	+5.7	+7.0	+6.8	+6.8	+8.4	-3.0	-6.5	-4.2	-3.3	+1.9	+1.1	-2.0	-6.6	-4.3	-4.4	-6.4	-3.3	-3.0	-2.8	-2.3
November	-1.4	0.0	+1.3	+2.3	+1.7	+2.6	+2.1	+2.9	+2.8	+1.6	+1.1	+3.4	+3.9	+4.0	+6.3	+0.9	-1.9	-5.9	-7.7	-5.8	-4.0	-3.2	-2.7	-2.2
December	+3.0	+3.7	+6.5	+6.4	+3.4	+2.5	+1.2	+2.0	+2.8	+3.4	+2.7	+2.4	+2.1	-2.9	-1.9	-2.7	-6.5	-6.8	-5.2	-5.0	-4.5	-4.7	-3.6	-3.6
Year	-0.2	+1.0	+3.3	+1.7	+0.4	+0.1	0.0	+0.6	+2.2	+2.0	+2.9	+3.6	+6.1	+5.3	+2.6	-2.3	-5.2	-5.9	-6.9	-2.9	-3.1	-2.2	-2.3	-0.9
Winter	+0.1	+2.4	+7.2	+2.3	+1.1	+0.6	-2.1	+1.7	+2.9	+3.2	+2.3	+2.9	+4.8	+3.5	+2.5	-0.8	-2.6	-5.3	-6.1	-5.5	-4.7	-3.7	-3.6	-2.8
Equinox	-0.3	+0.7	+1.5	+3.6	+3.2	+4.5	+3.3	+2.6	+5.6	+1.7	+1.6	+2.8	+4.7	+4.2	+0.3	-4.0	-7.0	-6.5	-7.7	-4.4	-3.8	-2.9	-2.5	-1.4
Summer	-0.4	-0.2	+1.1	-0.7	-3.2	-4.7	-1.2	-2.4	-2.0	+1.0	+4.8	+5.1	+8.8	+3.2	+4.9	-2.0	-5.9	-5.9	-7.0	+1.2	-0.8	0.0	-0.8	+1.4
VERTICAL INTENSITY (gammas) (Disturbed Days)																								
Table 57 Agincourt 1958																								
January	+46	+37	+37	-14	-7	-12	-10	-21	-25	-47	-38	-11	-12	-8	-9	-9	-3	+5	+13	+20	+23	+17	+13	+15
February	+18	+12	-12	-38	-2	-11	-19	-84	+12	-20	-33	-40	-18	-16	-1	+6	+14	+19	+38	+42	+31	+24	+28	+27
March	+59	+56	+38	+19	+19	-22	-82	-88	-60	-57	-37	-33	-30	-30	-18	-4	+3	+12	+22	+30	+37	+46	+51	+50
April	+47	+50	+19	+12	-10	-19	-46	-75	-62	-49	-58	-38	-24	-17	-14	0	+9	+26	+39	+56	+62	+81	+69	+65
May	+29	+24	+9	-22	-16	-20	-32	-36	-50	-44	-49	-60	-47	-41	-27	-15	-6	+10	+33	+44	+52	+74	+77	+65
June	+57	+2	-20	-7	+16	-65	-41	-22	-93	-82	-48	-54	-41	-16	-5	-3	+8	+26	+51	+78	+91	+105	+71	+65
July	+29	+27	+26	+30	+17	+9	-22	-56	-59	-47	-88	-57	-37	-26	-18	+7	+67	+72	+40	+61	+61	+41	+50	+53
August	+21	+14	0	-42	-44	-56	-54	-43	-44	-41	-17	-20	-16	-6	+1	+3	+11	+26	+62	+65	+63	+45	+51	+41
September	+25	-19	+23	+26	-66	-28	-10	-27	-47	-70	-63	-50	-36	-32	-32	-23	-4	+65	+54	+81	+50	+34	+39	+80
October	+37	+22	+3	+5	-10	-29	-49	-84	-124	-98	-82	-57	-33	-10	0	+2	+18	+49	+63	+71	+93	+83	+78	+73
November	+9	+13	+15	+8	+4	-3	-7	-9	-5	-5	-19	-13	-6	-4	-8	-10	-8	0	+7	+9	+10	+7	+7	+6
December	+52	+41	+30	+9	-12	-23	-16	-17	-23	-39	-32	-28	-28	-23	-25	-27	-20	-1	+21	+33	+18	+26	+29	+50
Year	+35.8	+23.2	+13.9	-2.0	-9.2	-23.2	-30.7	-51.5	-48.3	-50.8	-47.7	-45.0	-30.0	-20.6	-13.9	-9.3	+1.5	+23.9	+38.5	+46.8	+51.2	+47.0	+50.4	+49.7
Winter	+31.2	+25.8	+17.5	-8.8	-4.0	-12.0	-13.0	-27.8	-10.2	-27.8	-30.5	-22.5	-15.2	-12.8	-10.8	-10.0	-4.2	+5.8	+19.8	+26.0	+20.5	+18.5	+19.2	+25.2
Equinox	+42.0	+27.2	+20.8	+13.0	-16.8	-24.5	-41.0	-68.5	-73.2	-68.5	-62.0	-49.5	-34.2	-24.0	-16.8	-9.8	+4.2	+33.8	+41.2	+55.2	+59.0	+56.2	+69.8	+68.0
Summer	+34.0	+16.8	+3.5	-10.2	-6.8	-33.0	-37.2	-58.2	-61.5	-56.0	-50.5	-53.0	-40.2	-25.0	-14.2	-8.2	+4.5	+32.2	+54.5	+59.2	+74.2	+66.2	+62.2	+56.0

THREE-HOUR RANGE INDICES, AGINCOURT, 1958

Table 58

January						February					
	D	H	Z	K		D	H	Z	K		
1	6742 3222	4754 3244	5754 1123	6754 3244	0032 3110	1010 1112	0020 1000	1032 3112			
2	4423 4110	4334 2020	2644 1100	4644 4120	2223 3210	1112 1100	0222 0000	2223 3210			
3	0100 0010	1100 0100	0000 0000	1100 0110	0101 3111	0100 2021	0000 0000	0101 3121			
4	0000 0001	0000 0001	0000 0000	0000 0001	2003 4332	2001 2322	0000 1221	2003 4332			
5	2100 2200	1100 0100	0000 0000	2100 2200	4433 4313	3332 3443	3332 3133	4433 4443			
6	1121 3210	0010 1111	0020 1000	1121 3211	3434 4423	3434 4423	3333 3212	3434 4423			
7	0101 2100	0010 1010	0000 0000	0111 2110	4344 3332	3223 2322	3333 2122	4344 3332			
8	0021 2100	0011 0000	0000 0000	0021 2100	3544 3322	2232 3333	1334 2222	3544 3333			
9	2101 3121	2001 2222	1000 0102	2101 3222	4411 2331	3300 2222	3300 0021	4411 2332			
10	3012 2120	3001 1220	3000 0000	3012 2220	4201 2322	2200 2233	2100 0332	4201 2333			
11	1102 3221	2102 1331	0001 0110	2102 3331	9899 7554	7977 8665	8899 6443	9999 8665			
12	1222 3111	1100 1222	0100 0001	1222 3222	5465 4342	4465 3455	4374 2354	5475 4455			
13	4331 2221	2111 1232	2110 0111	4331 2232	2034 4311	2023 3321	1013 2211	2034 4321			
14	0033 2322	0022 1334	0033 0112	0033 2334	3433 2220	3332 2311	1443 1200	3443 2321			
15	0332 3221	1231 3432	0330 1211	1332 3432	1002 3210	0001 1222	0000 0011	1002 3222			
16	0123 2322	0122 1233	0011 0222	0123 2333	1111 1321	0002 2233	0000 0222	1112 2333			
17	1332 4323	1322 2243	0223 1021	1333 4343	2533 4323	3423 4444	1443 2223	3443 4444			
18	4335 4220	3334 3230	3355 3110	4355 4230	4544 4233	4333 3333	3444 2132	4544 4333			
19	0121 3211	0111 2212	0000 0110	0121 3212	4343 3224	3242 3243	3142 2122	4343 3244			
20	0033 3233	1022 2234	0022 1115	1033 3235	4423 4233	3312 3243	3222 1033	4423 4243			
21	5733 3220	4623 1131	4733 1110	5733 3231	2443 3323	2443 4144	2442 2034	2443 4344			
22	1323 4121	1222 3221	0131 3111	1333 4221	5322 3211	3212 2123	3322 2123	5322 3223			
23	2332 4331	2332 3341	1131 1221	2332 4341	5423 3321	4233 3321	3343 2110	5443 3321			
24	0103 4200	1201 2211	0101 1000	1203 4211	0312 2000	0201 0021	0002 1000	0312 2021			
25	3333 4310	1112 3310	1113 2100	3333 4310	0112 1000	0020 0111	0220 0000	0222 1111			
26	1441 1211	1330 0121	0340 0001	1441 1221	0131 1001	0110 0021	0020 0000	0131 1021			
27	1201 0002	1101 0112	0000 0000	1201 0112	1101 1212	1000 1133	0000 0011	1101 1233			
28	0122 3100	0012 0111	0011 0000	0122 3111	0035 5211	1122 2122	0021 2111	1135 5222			
29	2322 2110	1321 0211	1220 0000	2322 2211							
30	0321 3100	0121 1110	0210 0000	0321 3110							
31	1113 2001	1201 0123	0101 0000	1213 2123							
March						April					
	D	H	Z	K		D	H	Z	K		
1	2000 1001	1010 0101	1000 0000	2010 1101	3331 3222	4221 3134	2121 1132	4331 3234			
2	0232 2000	0131 0000	0021 0000	0232 0000	1345 3331	3354 3443	1454 2222	3455 3443			
3	0132 3334	0111 2344	0012 1234	0132 3344	4422 3212	3321 2223	3430 0112	4432 3223			
4	5432 4121	5223 2233	4532 2112	5533 4233	4333 4323	3222 3335	3222 3133	4333 4335			
5	3354 3222	3376 3344	2265 3223	3376 3344	5644 4213	5444 2213	6543 2101	6644 4213			
6	6443 4313	4354 4333	5553 2223	6554 4333	4333 2224	3123 1234	4343 1114	4343 2234			
7	3432 4211	2432 3332	0332 2221	3432 4332	1323 3211	2323 3233	1532 1121	2533 3233			
8	4543 3101	2441 2122	5442 1001	5543 3122	3201 0011	2100 1113	3200 0002	3201 1113			
9	4324 3200	3233 2121	3343 2010	4344 3221	1300 1002	0200 1024	0200 0011	1300 1024			
10	3412 3321	2211 1232	1212 1221	3412 3332	1000 1101	1000 0112	0000 0001	1000 1112			
11	2002 2114	2002 3334	3000 1123	3002 3334	1100 1101	1001 0124	0000 0002	1101 1124			
12	7675 3221	7884 3232	8664 2221	8885 3232	0000 1100	0000 1124	0000 0002	0000 1124			
13	3565 4321	2566 5432	2665 4331	3666 5432	1000 1110	1010 0012	0000 0000	1010 1112			
14	1001 5411	1000 4433	0000 4311	1001 5433	0223 4322	0112 4324	0112 2113	0223 4324			
15	0343 4211	1334 3422	0345 2220	1345 4422	4452 3123	4333 1233	5453 1023	5453 3233			
16	5311 1111	4311 0133	3411 0111	5411 1133	5233 4334	3223 3244	4254 4135	5254 4345			
17	3255 3321	2354 3330	1355 2241	3355 3341	5653 3433	5453 4555	5653 2345	5653 4555			
18	3342 4522	2142 2444	0242 2344	3342 4544	4543 3234	4554 3454	6644 3335	6654 3455			
19	3643 3425	2443 3345	3552 3244	3653 3445	4334 3334	2213 2344	3333 1233	4334 3344			
20	4522 4223	3433 3333	5533 1133	5533 4333	3431 2213	1220 2233	0420 1013	3431 2233			
21	3533 4423	2332 3434	2432 2224	3533 4434	0313 2212	1101 2224	0011 1003	1313 2224			
22	5600 1103	4400 0013	5500 0003	5600 1113	0123 1000	1211 1110	0222 0000	1223 1110			
23	3433 2120	1332 1143	2332 0133	3433 2143	0001 2202	0001 2212	0000 0101	0001 2212			
24	3533 4233	3322 2333	2423 1323	3533 4333	1431 1201	1320 1323	2431 1002	2431 1323			
25	5143 3531	4131 3534	5141 1312	5143 3534	1320 3000	3101 3121	1110 1000	3321 3121			
26	2224 4332	3112 3433	2113 2213	3224 4433	0001 2420	0010 3442	0000 1221	0011 3442			
27	4122 1212	3113 1323	3023 0112	4123 1323	0030 1212	1010 1223	0010 0022	1030 1223			
28	2321 1420	2110 1223	1020 0201	2321 1423	1432 3323	2212 3244	1532 2233	2532 3344			
29	3310 0110	2210 0223	2310 0001	3310 0223	4433 2332	4553 3334	3533 4223	4553 4334			
30	0134 5433	0023 4444	0054 3323	0154 5444	4343 2323	3332 3445	3442 1224	4443 3445			
31	2431 3212	2212 2223	1332 1101	2432 3223							

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THREE-HOUR RANGE INDICES, AGINCOURT, 1958

May					June			
	D	H	Z	K	D	H	Z	K
1	3334 2214	2222 3334	3332 1223	3334 3334	6664 2234	8663 3355	6662 1134	8664 3355
2	2430 0001	2320 0111	2430 0011	2430 0111	3263 3221	3263 3341	3254 3111	3264 3341
3	0300 1001	1200 1032	0200 0001	1300 1032	0001 2310	0001 1310	0001 0100	0001 2310
4	2231 0001	2220 0102	0121 0001	2231 0102	0112 2011	1101 1211	0010 0100	1112 2211
5	1020 1221	1100 1233	0010 0122	1120 1233	0111 3310	0111 1312	0010 0100	0111 3312
6	3220 1100	2101 1111	0100 0000	3221 1111	0133 2124	0232 0245	0222 0124	0233 2245
7	0001 1012	1111 0122	0000 0001	1111 1122	7767 4331	5878 4343	7778 4321	7878 4343
8	0211 3112	1121 3324	0011 2112	1221 3324	0120 0233	1001 0344	0110 0023	1121 0344
9	1032 3110	2142 2112	0020 1000	2142 3112	3244 3323	4133 3346	2331 1235	4344 3346
10	1333 2333	2123 3344	1223 1232	2333 3344	8534 3213	8433 3244	7622 1124	8634 3244
11	0033 1210	0022 2321	0033 0110	0033 2321	2523 4422	3322 3454	2522 1132	3523 4454
12	0011 1324	0010 1254	0010 0123	0011 1354	1433 2322	1332 2333	0422 1122	1433 2333
13	2233 2335	3112 4346	1021 1236	3233 4346	1321 0121	2221 1133	0420 0111	2421 1133
14	5553 4314	4453 4334	5541 3223	5553 4334	1020 1032	1012 1255	0010 0033	1022 1255
15	5542 2222	4532 4433	4641 1232	5642 4433	2444 2210	2454 2220	3443 1110	3454 2220
16	4334 2211	3211 3432	3322 1221	4334 3432	2143 2110	1022 3212	1041 1111	2143 3212
17	3421 3213	2311 2323	2311 1122	3421 3323	1301 0000	1201 1111	0200 0000	1301 1111
18	5323 3122	4222 3323	5433 2212	5433 3323	1001 2222	1001 1133	0000 0022	1001 2233
19	1431 1010	1321 1123	0320 0011	1431 1123	1110 1312	0110 1243	0000 0112	1110 1343
20	1001 1001	1100 1102	0000 1001	1101 1102	3001 2001	3001 1014	1000 2001	3001 2014
21	2200 0100	2310 0111	1200 0000	2310 0111	4536 5554	4436 4566	4546 6545	4546 6566
22	0101 1101	0101 2112	0000 0001	0101 2112	7653 3124	5554 3245	7563 2113	7664 3245
23	2200 0000	2100 0001	1200 0000	2200 0001	3441 2111	3322 2232	4441 0211	4442 2232
24	0000 1000	0000 1100	0000 0000	0000 1100	2542 3212	3231 2234	0441 1122	3542 3234
25	0000 0123	0110 0235	0000 0023	0110 0235	1334 1111	2213 2123	2133 0121	2334 2123
26	3423 4412	3333 5443	3422 3433	3433 5443	2220 1001	2211 2123	1120 0001	2221 2123
27	3223 4323	3213 4334	2103 3224	3223 4334	1131 0102	2111 1023	1010 0012	2131 1123
28	4531 2311	5311 2232	6330 0122	6531 2332	1533 2346	2233 3568	0333 1167	2533 3568
29	4566 5441	4476 4444	4465 5332	4576 5444	7777 6332	9877 7543	8876 6422	9877 7543
30	1332 2012	3321 1012	1221 0102	3332 2012	2101 2221	1211 2332	0010 1121	2211 2332
31	3524 2566	2403 4488	3523 2377	3524 4588				
July					August			
	D	H	Z	K	D	H	Z	K
1	5332 2221	4122 2221	2342 1101	5342 2221	1004 3222	2111 4332	0003 2121	2114 4332
2	0221 0121	0011 2223	0011 1111	0221 2223	2132 3311	1202 3322	0111 1111	2232 3322
3	2232 2432	2212 2433	1110 1312	2232 2433	5443 3100	3311 3201	3422 1100	5443 3201
4	1334 3432	1233 3343	0144 0132	1344 3443	1210 2100	1001 1121	0100 0100	1211 2121
5	3123 3112	2111 3125	1001 1002	3123 3125	1121 2010	1111 2122	0001 1001	1121 2122
6	1201 0000	2100 1111	0000 0010	2201 1111	1000 1100	1101 0121	0000 0000	1101 1121
7	0224 3332	0123 3234	0112 1012	0224 3334	0034 2220	0122 3232	0002 1010	0134 3232
8	3267 7777	3267 8998	1066 6987	3267 8998	0101 2000	1000 2100	0000 1100	1101 2100
9	6476 5323	8587 6435	7676 5423	8687 6435	1300 1101	3100 1223	0100 0001	3300 1223
10	5421 2111	4211 2234	5311 1013	5421 2234	0033 3323	1132 3443	0021 2222	1133 3443
11	4122 3233	3032 2344	3012 1133	4132 3344	4344 2111	2233 2232	3223 1111	4344 2232
12	3444 3321	4333 3332	3344 1210	4444 3332	1332 2001	1221 1133	0321 0022	1332 2133
13	4333 1212	3222 2224	3333 0102	4333 2224	1343 2200	2232 2122	1451 0101	2453 2222
14	2453 2200	3222 1111	0342 1000	3453 2211	2000 0022	2000 0223	0000 0112	2000 0023
15	1321 1000	0101 0032	0110 0001	1321 1032	2511 3200	2411 2133	2401 1011	2511 3233
16	1211 2000	1110 2103	0200 0001	1211 2103	1111 3420	3111 3331	2100 1010	3111 3431
17	3533 2100	4423 1111	3421 1010	4533 2111	0154 6665	1163 6776	0054 4666	1164 6776
18	2263 4434	3263 4445	1262 1233	3263 4445	4433 2110	3332 2222	5522 1111	5533 2222
19	1252 3234	2242 3245	1253 1133	2253 3245	3322 2111	2112 1122	1221 0011	3322 2122
20	3542 3211	2433 3333	3542 2211	3543 3333	1220 1100	1100 1112	0110 0001	1220 1112
21	2322 2553	2121 2576	1331 1364	2332 2576	1101 2101	1001 1113	0000 0001	1101 2113
22	4324 4111	4223 4233	2412 2121	4324 4233	6543 2421	4573 2432	4562 2111	6573 2432
23	1002 2000	1002 2232	0000 1001	1002 2232	1332 2121	0321 1333	0120 0121	1332 2333
24	1202 2332	3232 3344	0101 1122	3232 3344	6765 5322	5866 6334	4765 6222	6866 6334
25	1134 3233	2143 3334	0043 2233	2144 3334	2443 4011	3342 4022	2441 3011	3443 4022
26	3323 1010	2111 2121	3321 1010	3323 2121	1244 3200	1343 3112	0344 2101	1344 3212
27	3255 4123	2265 3255	0355 2153	3365 4255	3565 5343	3676 5353	4676 3333	4676 5353
28	3300 0111	3210 1133	4100 0012	4310 1133	0222 3212	0122 2243	0012 1023	0222 3243
29	2201 1110	3100 1132	1000 0021	3201 1132	1113 3111	0112 2033	0012 1011	1113 3133
30	1321 0321	1231 2232	0030 1132	1331 2332	1121 2201	2111 3113	0011 1001	2121 3213
31	1042 2421	1021 2333	0122 1221	1142 2433	2333 2200	1111 1200	0111 0100	2333 2200

THREE-HOUR RANGE INDICES, AGINCOURT, 1958

September					October				
	D	H	Z	K	D	H	Z	K	
1	0010 2000	0001 1000	0001 0000	0011 2000	0031 1014	1131 0123	0130 0013	1131 1124	
2	1101 0100	1000 0011	0000 0000	1101 0111	5431 0001	3320 0001	4330 0000	5431 0001	
3	1035 5446	0023 6367	0024 3345	1035 6467	1332 4210	1321 3321	0230 1210	1332 4321	
4	6412 4778	6523 6887	6502 3777	6523 6888	1020 2000	1010 2001	0010 0000	1020 2001	
5	8843 2231	7943 4453	7743 2232	8943 4453	2011 2111	2121 0233	2010 0011	2121 2233	
6	0210 1010	1100 0122	0100 0010	1210 1122	0301 3001	1100 2233	0100 1012	1301 3233	
7	0433 2314	0211 2233	0322 1133	0433 2334	1232 2212	1122 1222	0230 0110	1232 2222	
8	3112 1312	3111 1224	3000 0104	3112 1324	2330 1000	3310 0111	1110 0000	3330 1111	
9	3222 4213	4322 4343	3211 2023	4322 4343	1101 1000	1101 0121	0000 0000	1101 1121	
10	3012 2202	2101 3222	1000 1111	3112 3222	0000 0200	0110 1010	0000 0000	0110 1210	
11	1111 0102	1111 0131	0010 0111	1111 0132	0011 0001	1000 0001	0000 0000	1011 0001	
12	0000 0100	1100 0111	0000 0000	1100 0111	0000 1000	0000 0022	0000 0000	0000 1022	
13	0000 0000	0000 0021	0000 0000	0000 0021	0222 1110	0111 2021	0110 1000	0222 2121	
14	0001 1000	0000 0022	0000 0000	0001 1022	0101 3100	1101 2112	0000 1000	1101 3112	
15	0000 1010	0000 1022	0000 0011	0000 1022	1111 2100	2100 0131	0000 0010	2111 2131	
16	1424 5333	2433 5445	0433 3223	2434 5445	1431 2100	0110 0111	0420 0000	1431 2111	
17	4111 3101	3211 2121	4110 1000	4211 3121	1310 1110	2100 0232	0100 0010	2310 1232	
18	0000 0110	0000 0122	0000 0010	0000 0122	1021 1000	1000 0100	0000 0000	1021 1100	
19	0002 2000	0001 0021	0000 0010	0002 2021	1101 2200	0100 0322	0000 0100	1101 2322	
20	0010 1001	1000 0022	0000 0010	1010 1022	1000 0110	1000 0223	0000 0101	1000 0223	
21	0001 1000	1001 0121	0000 0000	1001 1121	1302 2000	1200 0010	0000 0000	1302 2010	
22	0100 1100	0000 0021	0000 0000	0100 1121	0353 3443	1455 2454	0655 1433	1655 3454	
23	1111 1003	1110 0000	0000 0000	1111 1003	3455 3235	3365 4234	3364 3135	3465 4235	
24	2011 2003	1001 0012	0001 0001	2011 2013	5567 5535	4469 6654	6578 5544	6579 6655	
25	3665 5436	2677 5556	1766 5445	3777 5556	3320 1000	1120 0111	2120 0000	3320 1111	
26	5544 2211	3433 2221	3643 2111	5644 2221	0043 2211	0132 0211	0043 0000	0143 2211	
27	0132 2201	0022 2322	0022 1111	0132 2322	2221 1232	1210 0344	0200 0145	2221 1345	
28	3413 2000	2211 1010	2421 0000	3423 2010	1134 4433	1044 4333	1033 3223	1144 4433	
29	0122 1000	0211 0100	0310 0000	0322 1100	3222 2215	1111 1223	2212 1113	3222 2225	
30	1023 3321	0013 2325	0011 1132	1023 3335	3332 3112	2121 1223	2120 1111	3332 3223	
31					1422 2300	2221 1222	0310 0100	2422 2322	
November					December				
	D	H	Z	K	D	H	Z	K	
1	0000 0111	0100 0111	0000 0000	0100 0111	0000 1000	0000 0010	0000 0000	0000 1010	
2	0000 2321	0000 1232	0000 0221	0000 2332	1113 3224	1111 3124	0002 2013	1113 3224	
3	2321 3211	1101 2221	2210 0110	2321 3221	3100 1000	2000 0110	2000 0000	3100 1110	
4	0202 2000	1200 1121	0100 0000	1202 2121	2124 5455	3235 4476	1025 3355	3235 5476	
5	0000 0100	0000 0000	0000 0000	0000 0100	6321 1100	7321 1110	6410 0000	7421 1110	
6	0000 0000	0010 0011	0000 0000	0010 0011	0003 3310	1003 3111	0002 1100	1003 3111	
7	0201 2000	0000 1011	0000 0000	0201 2011	2211 1000	1110 0010	0000 0000	2211 1010	
8	0101 0000	0000 0001	0000 0000	0101 0001	0001 2221	0000 1233	0000 0021	0001 2233	
9	0200 0000	0200 0010	0200 0000	0200 0010	2231 1200	2131 1100	1130 0000	2231 1200	
10	0214 2021	0113 1132	0114 0111	0214 2132	0210 0000	0110 0100	0000 0000	0210 0100	
11	4332 2110	3220 1111	3420 0010	4432 2111	0212 2112	0010 0121	0001 0001	0212 2122	
12	0102 4211	0101 2000	0000 1101	0102 4211	0000 2010	0000 1112	0000 0000	0000 2112	
13	3221 1100	3110 0000	2110 0000	3221 1100	4423 6424	3322 5344	3210 3433	4423 6444	
14	1000 1001	0000 0001	0000 0000	1000 1001	2101 4133	2201 3332	2000 0122	2201 4333	
15	0021 2000	0020 0000	0010 0000	0021 2000	1002 1011	0101 1132	0000 0011	1102 1132	
16	0211 2100	2211 1010	0100 0000	2211 2110	2313 3210	3312 2110	1201 1000	3313 3210	
17	1343 1100	0230 0101	0120 0000	1343 1101	0021 1343	1010 0146	0011 0146	1021 1346	
18	1032 2103	0010 0011	0020 0002	1032 2113	5412 3101	6422 2001	5511 1000	6522 3101	
19	0011 1000	0000 0000	0000 0000	0011 1000	3435 2200	2322 2211	3534 1100	3535 2211	
20	2001 1000	1000 0000	0000 0000	2001 1000	4233 3210	3211 2221	2121 1011	4233 3221	
21	0001 0000	0000 0000	0000 0000	0001 0000	1121 2110	0011 1111	0011 0110	1121 2111	
22	1000 1000	2000 0000	0000 0000	2000 1000	3011 2021	1011 1021	1010 0010	3011 2021	
23	0022 2100	0011 1000	0000 0000	0022 2100	1133 3122	0122 2222	0021 1011	1133 3222	
24	0023 3100	0003 1211	0001 1000	0023 3211	1212 2100	2001 0110	0000 0000	2212 2110	
25	0000 3311	1100 2321	0000 0111	1100 3321	0001 1001	0000 0012	0000 0000	0001 1012	
26	0301 1110	1100 1111	0300 0000	1301 1111	2301 2121	1100 3122	0000 1011	2301 3122	
27	0312 2112	0302 1111	0202 0011	0312 2112	1232 3200	0212 1211	0222 1100	1232 3211	
28	2233 3211	2333 2121	1233 1000	2333 3221	1122 3222	2011 1222	0011 1010	2122 3222	
29	2233 2100	1121 1001	0133 1000	2233 2101	2110 2111	2100 0012	1000 0001	2110 2112	
30	0100 1000	0000 0000	0000 0000	0100 1000	2232 3321	0011 2122	0001 1110	2232 3322	
31					1020 3110	0020 1220	0010 0100	1020 3220	