PUBLICATIONS

of the

DOMINION OBSERVATORY

OTTAWA

Volume XXIII · No. 4

RECORD OF OBSERVATIONS AT AGINCOURT MAGNETIC OBSERVATORY 1955 AND 1956

W. E. Ross and A. E. Evans

CANADA

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

Dominion Observatories

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Price 50 cents

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OTTAWA, 1963

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Agincourt Observatory

AGINCOURT MAGNETIC OBSERVATORY

Geographic Latitude 43° 47′N
Geomagnetic Latitude 55.0°N

Longitude 79° 16′W
Longitude 347.0°E

Officer-in-Charge: W. E. Ross

Assistant: A. E. Evans

Introduction

Agincourt Magnetic Observatory, situated about thirteen miles northeast of downtown Toronto, and one-half mile south of the village of Agincourt, was established in 1898 to continue the magnetic work of the Toronto Observatory. At the end of 1936 direction of this observatory was transferred from the Meteorological Services of Canada, Toronto, to the Dominion Observatory, Ottawa.

Absolute Instruments

The same absolute instruments continued in use, namely Elliott 48 for declination, a Schuster-Smith electrical magnetometer for horizontal intensity, and Toepfer earth-inductor 89 for inclination. QHM 258 was added to the absolute equipment in March, 1956.

The corrections on International Magnetic Standard adopted for these instruments are as follows:

For D,	I.M.S.—Elliott 48	$= -0'.8$
For H,	I.M.S.—Schuster Smith	$= 0.0\ \gamma$
	I.M.S.—QHM 258	$= +3.7\ \gamma(0.00024H)$
For I,	I.M.S.—Toepfer 89	$= -0{:}15$

Variometers

The la Cour normal set continued to be used as the standard for magnetograph measurements. In February, 1955, the old Kew (Adie pattern) set was removed and immediately replaced by a Ruska set of three variometers of normal run, 20 mm per hour. The la Cour quick-run set, which had not been operated for several years, was dismounted and shipped to Ottawa in March, 1956. The quick-run vertical intensity variometer situated at the east end of the quick-run pier had been about 4 feet (1.22 meters) west of the normal H variometer and the former's removal caused a drop of 20 gammas in the latter's base-line value, or a rise of 20 gammas in the H ordinate.

Scale coefficients per mm of ordinate, used for the variometers during the two-year period were:

la Cour	$D = 0'.92$,	$H = 5.09\ \gamma$,	$Z = 6.0\ \gamma$
Kew	$D = 1'.28$,	$H = 4.80\ \gamma$,	$Z = 15.0\ \gamma$
Ruska	$D = 1'.09$,	$H = 2.10\ \gamma$,	$Z = 5.1\ \gamma$

The root mean square values of the observed − adopted photographic base-line values were for D, ± 0.6 minutes; for H, ± 5 gammas; and for Z, ± 15 gammas.

Notes on the Tables

In Tables 1–48 for each year, hourly values are averaged over the hour whose G.M.T. (U.T.) beginning and ending are shown by the pair of figures heading this column. Highest and lowest values of each element for each day of the month are listed in the daily extremes tables.

Character figures and K-indices are not shown. They have been supplied regularly to the Association of Geomagnetism and Aeronomy of the Internation Union of Geodesy and Geophysics for inclusion in "Geomagnetic Indices C and K" bulletins.

ANNUAL MEANS

Year	D	H	Z	I	F
	West			North	
	° ′	γ	γ	° ′	γ
1937	7 35.9	15333	56604	74 50.6	58644
1938	35.1	310	564	51.3	599
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

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 1 Agincourt (H) 15,000 γ + January 1955

Day \ Hour 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	Mean
1	557	554	555	547	546	547	547	548	550	556	555	557	554	544	533	527	531	545	560	563	563	562	558	547	550
2	552	550	550	548	545	540	541	545	550	554	555	557	557	549	545	539	540	550	558	564	566	566	559	557	552
3	557	557	549	552	551	548	548	550	541	548	548	551	548	541	529	532	539	547	556	564	572	568	567	562	551
4	548	531	546	555	553	552	555	555	558	556	551	546	547	526	520	526	526	528	534	543	547	541	550	554	544
5	553	553	553	553	551	548	550	546	546	547	546	548	545	539	526	522	523	529	540	552	560	551	557	556	546
6	554	557	551	555	553	552	551	550	547	547	547	548	547	540	527	522	520	523	536	542	552	559	561	558	546
7	558	555	544	552	552	552	552	548	551	552	553	551	561	545	527	527	527	531	530	537	543	549	551	548	545
8	546	542	543	545	546	548	548	551	552	551	551	548	546	538	532	529	530	532	538	545	558	562	563	560	546
9 D	528	538	550	546	545	541	568	537	538	545	542	537	542	558	546	511	519	525	531	539	550	551	556	557	542
10 Q	557	552	550	549	549	552	553	553	556	557	553	553	552	552	543	535	539	547	551	552	558	559	556	555	551
11	560	550	548	553	553	554	550	548	550	550	550	553	545	539	560	551	548	550	556	552	558	549	513	536	549
12	538	544	549	550	548	547	548	550	550	549	551	549	544	538	530	523	524	534	545	559	565	561	561	557	547
13	550	544	537	544	546	535	534	547	547	545	536	538	545	539	525	508	514	524	538	546	554	554	554	554	540
14	551	552	555	555	549	550	549	550	554	556	556	555	549	536	521	524	524	528	529	546	556	561	558	555	547
15 Q	553	551	547	544	545	548	547	548	549	550	550	549	547	543	525	524	529	539	548	552	557	560	561	559	547
16	556	556	554	556	553	551	553	553	553	553	556	560	559	549	529	535	543	546	549	549	550	549	551	556	551
17 D	556	554	553	552	555	552	548	552	544	544	541	538	536	498	483	532	520	517	524	552	549	563	570	530	540
18 D	528	516	513	477	403	471	495	477	514	514	513	517	517	514	507	482	478	475	487	484	508	519	513	518	497
19 D	479	481	477	407	398	416	398	432	461	443	502	469	455	464	499	513	503	474	481	483	490	491	499	501	467
20 D	494	492	483	504	508	517	513	513	515	515	515	516	517	513	504	500	505	505	507	500	505	515	514	504	507
21	500	509	513	516	523	519	515	516	520	523	524	522	520	520	523	524	520	520	521	522	522	524	527	521	519
22	521	514	516	515	518	531	530	528	529	530	532	532	532	529	524	515	514	518	525	529	534	540	541	538	526
23	534	518	523	527	529	529	525	528	533	532	539	545	539	530	537	536	535	529	532	528	514	515	520	529	529
24 Q	532	530	530	529	527	525	521	525	528	530	530	530	527	527	525	520	518	521	527	532	533	532	530	530	527
25 Q	532	531	531	531	529	531	531	529	531	535	536	535	534	535	536	540	536	533	530	531	535	536	537	538	533
26 Q	534	531	529	526	528	528	530	531	532	530	534	535	531	527	521	519	517	521	526	531	535	539	537	535	529
27	535	534	532	530	531	532	532	535	540	540	539	546	549	547	547	538	528	516	521	529	524	515	515	518	532
28	522	511	496	505	506	510	509	513	514	517	521	524	522	520	514	509	515	520	528	532	535	535	532	534	518
29	535	532	530	528	525	523	525	528	528	527	528	529	529	525	529	530	529	528	530	534	534	529	517	524	528
30	527	526	526	531	526	527	527	530	529	530	531	531	526	524	527	525	520	522	527	531	536	532	533	531	528
31	531	526	530	526	523	524	526	526	524	523	524	525	522	522	521	526	526	530	532	536	538	535	530	536	528
Mean	538	535	534	533	529	532	533	534	537	537	539	539	537	531	526	524	524	526	532	537	542	543	542	541	534

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 2 Agincourt (D) West 7° + ...′ January 1955

Day \ Hour 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	Mean
1	15.3	15.2	16.7	16.1	16.0	16.8	16.7	15.7	14.7	15.0	09.8	12.1	14.5	14.9	16.1	18.9	23.0	23.4	21.9	19.1	16.2	16.3	17.3	16.8	16.6
2	15.6	15.8	16.8	16.6	17.2	16.5	17.1	17.8	16.8	15.7	13.6	12.5	13.4	14.5	15.9	19.1	20.8	22.2	21.2	18.4	15.8	15.9	16.3	15.3	16.7
3	15.7	15.7	16.1	16.4	16.8	16.7	16.5	15.7	14.0	14.6	13.4	13.7	14.5	14.9	16.8	18.7	22.3	23.1	21.4	19.7	16.7	14.8	14.8	14.7	16.6
4	15.0	10.3	17.5	16.7	18.0	18.3	17.9	17.4	17.3	17.7	14.6	13.3	13.8	14.8	15.8	19.4	21.4	23.4	23.3	22.3	20.3	18.3	15.7	15.1	17.4
5	15.0	14.8	15.6	15.8	15.7	16.0	16.5	16.2	15.7	15.4	14.9	14.7	14.5	13.8	15.5	17.7	19.5	21.4	21.3	19.6	18.5	17.5	16.5	17.6	16.7
6	15.8	15.0	15.0	15.6	11.1	18.6	17.4	16.7	15.7	16.1	16.6	14.3	13.9	13.8	15.1	17.5	20.2	22.2	22.8	22.4	19.1	17.7	16.8	16.6	16.9
7	15.6	15.1	14.1	15.7	16.2	16.4	16.3	16.2	18.5	17.4	15.6	13.5	12.7	12.2	14.4	16.6	20.1	23.8	24.6	24.0	20.0	17.9	16.8	15.7	17.1
8	14.5	14.5	15.4	16.0	16.6	16.8	17.2	18.6	16.7	16.3	16.0	15.6	14.7	13.9	14.7	16.7	18.4	19.4	20.2	21.3	19.9	18.2	16.7	18.5	17.0
9 D	15.8	15.5	14.7	14.5	14.5	15.8	11.3	15.4	11.6	16.6	15.7	18.1	15.6	13.3	13.0	20.9	21.0	21.3	22.1	20.4	18.9	18.1	16.7	15.4	16.5
10 Q	14.5	14.6	14.8	15.2	15.6	15.4	15.7	14.9	15.1	15.7	15.6	15.5	14.8	13.9	14.1	15.6	18.2	19.4	19.4	17.8	16.9	17.1	16.9	16.5	16.0
11	15.6	13.4	10.3	15.7	16.8	16.9	16.5	16.5	16.0	16.0	16.0	15.4	19.7	29.2	23.9	17.5	18.8	19.9	19.4	19.3	17.9	20.1	16.1	18.0	17.7
12	16.1	08.6	16.8	17.0	17.1	16.8	16.7	16.1	16.2	16.7	16.5	16.3	15.3	13.9	14.1	15.9	17.7	19.2	18.9	18.0	16.8	16.3	16.0	16.0	16.2
13	15.7	15.6	15.8	15.3	16.0	25.7	23.6	16.5	15.3	15.2	19.2	21.3	17.3	15.6	17.8	17.5	22.2	23.7	21.7	19.8	17.3	16.7	15.8	15.7	18.2
14	14.9	14.4	14.9	15.7	15.7	16.2	15.9	15.6	16.0	16.2	16.2	15.0	14.7	14.6	16.7	20.1	22.5	23.7	22.7	20.4	18.4	17.0	15.9	15.3	17.0
15 Q	15.3	15.8	16.1	16.2	16.3	16.7	16.1	15.9	16.1	16.3	15.9	15.9	15.7	15.3	15.7	17.1	18.7	20.1	19.8	18.6	17.0	16.2	16.1	15.8	16.6
16	15.3	14.4	14.7	15.2	16.2	16.6	16.0	15.7	15.5	14.8	14.7	13.9	13.8	13.0	14.8	19.9	21.8	22.2	21.5	20.5	19.0	18.3	16.8	15.6	16.7
17 D	14.9	14.6	15.6	14.1	15.1	16.3	16.8	19.4	13.4	13.3	12.7	10.5	14.8	13.2	43.6	34.1	18.4	18.5	19.5	19.0	19.2	20.0	16.6	15.9	17.9
18 D	11.6	08.2	00.2	11.6	44.4	30.7	20.4	22.3	16.7	17.1	17.3	18.1	17.1	16.8	16.9	20.3	21.1	21.4	19.0	21.0	16.1	19.0	20.3	17.0	17.8
19 D	01.9	07.9	17.4	01.7	17.9	24.3	12.8	04.2	22.1	38.7	38.4	29.2	34.1	34.5	31.0	20.3	20.9	20.8	19.8	18.6	17.5	13.0	10.5	17.2	19.7
20 D	14.0	09.8	10.3	16.8	21.3	17.2	16.8	16.7	16.3	15.8	16.6	16.4	15.6	14.5	15.4	17.6	18.6	18.8	20.0	20.6	19.4	17.4	14.9	15.6	16.5
21	10.1	17.6	16.2	16.1	15.4	16.7	16.2	15.8	16.8	15.2	15.7	16.0	16.0	15.4	15.3	16.1	16.8	18.0	19.2	19.2	18.0	17.2	17.6	15.6	16.3
22	14.9	17.5	16.5	16.6	15.5	17.9	16.5	15.6	14.8	15.6	16.0	16.7	15.9	14.4	13.0	13.9	16.8	19.3	19.5	18.5	17.1	16.9	16.7	16.5	16.4
23	16.3	15.5	16.6	16.6	16.2	16.7	16.3	15.5	13.1	13.8	09.4	12.5	13.9	16.6	17.8	17.8	19.8	19.2	19.0	18.8	17.9	15.9	16.7	16.6	16.2
24 Q	15.8	15.5	15.3	15.7	16.1	16.7	14.8	15.3	15.9	16.1	16.1	16.1	16.1	15.7	15.1	15.5	17.6	20.2	21.0	19.5	18.2	17.7	16.9	16.2	16.6
25 Q	15.2	15.0	15.3	16.3	16.6	17.8	15.8	16.7	15.7	15.7	15.7	15.5	14.7	14.5	14.4	16.3	17.5	18.4	18.8	18.8	17.8	16.9	16.1	15.8	16.3
26 Q	15.8	15.6	15.6	15.7	16.1	16.5	17.5	16.8	16.0	15.2	15.6	15.6	15.3	14.2	14.8	15.7	17.7	19.2	19.1	18.4	17.4	16.7	16.5	16.1	16.4
27	15.7	15.6	15.7	15.7	15.9	16.6	16.7	16.8	17.3	14.8	14.9	14.9	13.5	12.5	11.9	13.4	15.2	17.5	22.2	20.9	20.9	23.9	18.0	15.8	16.5
28	13.9	11.6	12.3	14.7	16.5	16.7	17.5	17.5	18.3	18.4	15.8	15.2	14.9	14.1	14.8	16.5	18.0	19.4	19.1	18.0	17.3	16.8	15.7	14.2	16.1
29	16.0	15.4	15.2	15.3	15.1	15.7	16.8	16.5	16.2	16.0	16.5	15.5	14.7	14.1	15.0	16.7	17.9	18.6	18.8	18.5	18.2	20.3	20.1	18.6	16.7
30	15.7	14.7	14.6	13.8	16.3	16.4	16.4	16.4	16.5	16.2	15.9	14.8	14.3	15.0	13.2	15.6	17.5	19.1	19.5	20.6	19.9	19.3	17.4	16.8	16.5
31	16.2	14.8	13.5	14.5	15.4	15.4	15.7	16.3	17.5	16.1	15.7	15.6	14.9	13.9	14.0	15.6	17.6	18.9	18.0	17.6	17.7	17.6	16.8	15.6	16.1
Mean	14.7	13.6	14.7	15.0	17.1	17.7	16.6	16.2	16.1	16.6	16.0	15.6	15.6	15.5	16.8	17.9	19.3	20.5	20.5	19.7	18.1	17.6	16.5	16.2	16.8

65097-8—2

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 3 Agincourt (Z) 56,000 γ + January 1955

Day \ Hour 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	Mean
1	195	196	196	196	197	198	198	198	196	192	189	190	191	192	195	197	199	199	198	198	195	194	195	199	196
2	199	199	198	198	198	198	198	198	197	197	196	194	193	193	193	193	194	199	200	198	196	193	194	194	196
3	194	193	193	194	195	196	196	193	196	200	198	195	194	192	194	197	196	198	201	200	199	194	193	194	196
4	193	201	204	200	197	195	195	195	195	193	191	193	192	194	198	199	198	197	199	203	205	202	201	199	198
5	198	197	195	194	194	194	194	195	195	195	195	194	194	192	193	198	202	204	204	203	199	197	197	199	197
6	201	199	199	197	197	198	198	198	198	197	197	197	197	195	196	197	197	200	200	202	204	199	198	198	198
7	198	198	200	200	198	197	196	196	194	193	194	194	194	191	188	194	194	194	199	204	205	204	203	203	197
8	203	203	203	200	200	199	199	198	199	199	199	198	199	198	196	193	194	195	198	200	201	198	197	200	199
9 D	208	208	201	198	198	196	167	181	179	190	191	187	182	186	178	178	197	197	203	204	199	195	197	196	192
10 Q	194	194	196	196	196	196	196	197	196	194	194	194	192	188	188	190	192	196	196	193	193	192	191	193	194
11	195	195	195	193	194	194	193	193	193	193	194	193	192	186	175	179	184	185	191	191	193	195	221	218	193
12	215	213	206	198	197	197	197	197	196	196	196	194	194	194	193	193	193	196	199	199	195	193	193	193	197
13	193	193	196	195	192	174	172	186	193	194	190	184	189	191	187	191	190	193	198	201	198	194	193	193	191
14	193	193	193	189	191	192	192	192	192	193	192	192	192	190	190	190	193	196	200	203	201	196	193	193	194
15 Q	192	192	193	193	194	194	194	194	194	194	194	194	195	193	192	193	194	195	196	196	195	194	193	193	194
16	192	192	192	192	192	192	192	192	192	190	190	190	190	190	186	189	189	190	192	195	196	195	195	195	192
17 D	194	193	193	192	190	192	192	181	189	189	182	175	181	167	153	168	175	191	198	202	197	199	197	231	188
18 D	288	165	219	094	004	099	197	182	208	206	204	204	204	202	201	206	208	214	219	210	214	213	212	213	191
19 D	239	200	157	124	060	020	045	071	056	005	062	125	162	195	190	179	188	202	220	234	233	248	231	234	153
20 D	227	220	223	209	198	203	200	206	203	201	201	201	201	196	192	196	197	200	202	206	208	208	208	210	205
21	210	209	207	204	198	200	200	200	196	197	196	196	198	198	196	192	192	194	196	198	202	204	204	204	200
22	204	209	207	206	202	193	189	195	200	200	198	198	198	196	194	192	195	198	201	202	201	200	198	198	199
23	199	204	207	203	201	199	197	195	189	183	179	185	189	189	187	185	185	189	196	199	204	209	205	205	195
24 Q	203	201	200	199	199	197	197	197	197	198	197	197	197	198	198	194	194	196	196	197	199	199	199	199	198
25 Q	200	197	197	198	198	194	195	195	197	197	195	195	195	193	189	187	188	192	194	195	195	196	196	197	195
26 Q	197	197	197	197	197	196	195	194	195	195	195	195	195	195	193	191	191	191	193	195	197	197	195	195	195
27	194	194	194	193	193	193	193	193	193	190	191	190	190	186	182	178	175	180	187	194	199	209	208	211	192
28	216	207	211	207	204	201	195	195	198	198	198	198	198	195	191	188	189	191	194	194	195	194	194	194	198
29	194	193	193	193	192	193	193	192	192	192	191	190	190	188	180	183	181	183	187	189	193	198	207	204	191
30	200	196	196	194	195	195	195	195	195	195	195	193	193	192	187	182	184	187	193	193	193	196	196	196	193
31	196	196	193	193	194	194	194	193	192	192	193	192	194	193	189	186	186	189	190	193	194	194	194	194	193
Mean	204	198	198	192	186	186	189	190	190	189	190	191	192	192	189	190	191	194	198	200	200	200	200	201	194

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 4 Agincourt — January 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	21	22	566	15	11	525	41	18	45	24.1	10	32	9.1	15.0	17	10	201	10	02	187	14
2	21	02	572	16	18	535	37	18	03	22.6	11	32	12.2	10.4	01	50	201	21	50	191	10
3	20	45	575	14	46	525	50	17	08	23.7	12	37	12.8	10.9	19	33	203	07	49	190	13
4	00	08	562	14	12	511	51	18	15	24.7	01	30	7.5	17.2	20	20	210	10	24	189	21
5	20	29	564	14	52	518	46	19	00	21.6	13	18	11.8	9.8	17	43	206	13	58	191	15
6	22	08	562	17	37	512	50	17	58	24.0	04	29	7.5	16.5	18	56	206	14	41	192	14
7	00	28	561	15	02	516	45	18	48	25.9	13	50	11.1	14.8	20	07	206	14	21	186	20
8	22	00	573	14	51	527	46	19	23	22.2	01	24	13.2	9.0	23	59	206	14	48	192	14
9 D	06	41	578	15	12	501	77	16	02	25.2	06	31	3.9	21.3	00	53	212	06	34	152	60
10 Q	00	06	562	15	25	533	29	18	24	20.7	00	42	13.7	7.0	17	59	199	13	59	186	13
11	20	44	575	22	29	503	72	13	05	32.4	02	33	7.6	24.8	22	46	229	14	40	170	59
12	19	52	574	15	55	520	54	01	42	22.4	01	20	11.0	33.4	01	17	239	14	10	192	47
13	22	43	560	15	46	501	59	05	55	35.6	03	34	13.8	21.8	19	33	206	05	48	153	53
14	02	54	564	14	40	514	50	18	10	24.4	01	34	13.0	11.4	19	47	205	13	55	187	18
15 Q	22	02	563	15	34	520	43	18	02	20.5	00	44	15.1	5.4	19	29	198	13	55	191	7
16	11	53	561	15	00	517	44	17	30	22.6	01	13	13.0	9.6	19	57	197	14	18	185	12
17 D	18	59	617	14	07	367	250	14	26	52.5	18	59	6.3	46.2	23	47	257	14	05	124	133
18 D	01	12	673	04	35	259	414	05	03	70.5	01	54	-28.5	99.0	01	10	331	03	42	-74	405
19 D	15	04	520	04	47	291	229	09	56	51.9	03	28	-19.3	71.2	21	37	277	09	15	-54	331
20 D	06	03	525	00	57	472	53	03	25	27.2	23	59	2.1	25.1	00	20	235	04	25	189	46
21	04	27	533	00	01	487	46	08	02	20.4	00	02	1.9	18.5	01	10	213	16	42	190	23
22	22	05	544	01	20	510	34	18	12	20.0	00	03	11.1	8.9	01	25	211	05	58	180	31
23	11	32	549	20	42	502	47	16	07	22.0	10	32	8.2	13.8	21	09	212	10	25	171	41
24 Q	00	40	535	16	25	515	20	18	27	21.4	06	57	13.9	7.5	00	32	204	15	55	190	14
25 Q	15	37	542	04	42	525	17	19	03	19.4	14	29	13.1	6.3	00	01	201	16	05	185	16
26 Q	21	29	540	16	29	515	25	17	37	19.4	13	55	13.9	5.5	20	30	198	16	05	189	9
27	12	08	551	21	50	495	56	21	20	26.4	14	27	10.6	15.8	23	59	217	16	25	172	45
28	22	19	537	02	35	491	46	09	00	22.9	00	56	8.0	14.9	00	45	221	15	18	186	35
29	21	11	546	22	04	511	35	22	30	22.5	13	44	13.8	8.7	23	00	210	16	02	180	30
30	20	17	541	16	24	517	24	19	13	21.3	03	40	12.1	9.2	00	40	201	15	12	182	19
31	23	59	541	05	01	521	20	17	28	19.1	02	42	9.5	9.6	22	31	197	16	05	184	13
Mean			560			492	68			26.8			7.5	19.3			216			165	51
No. days			31			31	31			31			31	31			31			31	31

65097-8—21

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 5 Agincourt (H) 15,000 γ + February 1955

Day \ Hour 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	Mean
1 Q	540	539	537	536	536	536	535	536	537	538	537	537	536	537	537	536	531	530	532	533	533	535	533	530	535
2 Q	530	531	527	529	531	531	532	531	535	536	535	536	539	538	536	531	535	534	535	533	530	521	523	528	532
3	514	511	530	524	516	514	513	511	513	524	525	525	525	525	529	527	526	526	526	527	526	526	522	531	522
4 D	534	533	528	518	515	522	522	527	532	525	515	525	524	522	525	527	519	521	526	532	512	513	501	515	522
5 D	519	500	513	518	518	514	510	515	515	518	520	525	527	535	539	537	538	537	527	525	531	532	504	519	522
6	524	530	531	530	533	530	521	521	520	527	537	535	530	526	525	521	545	547	545	548	537	535	537	530	532
7	535	533	522	540	542	519	530	531	530	530	529	532	527	520	517	535	541	535	537	535	537	540	542	538	532
8	533	536	536	531	531	533	532	528	528	528	533	536	531	526	526	518	497	512	521	527	527	521	524	532	527
9	538	536	534	538	521	528	526	531	528	531	526	531	532	532	531	528	532	532	525	524	533	537	534	536	531
10 Q	533	531	533	533	535	537	531	533	536	531	536	538	535	534	536	536	533	535	538	543	548	545	546	546	537
11	548	544	543	544	547	547	543	543	543	543	539	539	538	536	531	518	524	517	515	527	527	512	521	525	534
12	519	529	524	520	537	519	520	524	519	520	525	524	521	516	514	512	511	506	512	522	527	519	523	529	521
13	526	533	522	521	522	527	526	526	522	517	528	527	527	524	518	507	508	518	524	526	532	539	537	538	526
14	537	537	532	532	529	532	528	529	522	522	528	532	526	519	521	523	522	519	529	535	537	524	532	539	529
15	524	524	529	531	524	514	514	519	522	532	535	533	532	529	528	526	528	528	529	537	540	542	541	540	529
16	539	538	537	537	539	539	540	542	542	540	544	546	547	541	534	542	544	542	536	535	543	545	547	547	541
17	536	539	542	534	529	535	532	534	537	537	538	539	542	538	534	529	529	531	535	540	542	548	547	545	537
18	547	547	542	528	526	517	524	523	528	533	537	537	537	540	546	547	544	537	538	537	537	534	546	531	536
19 Q	534	537	535	532	535	537	538	542	538	540	542	537	534	534	534	535	542	538	542	547	548	547	545	549	539
20	548	545	545	531	533	536	538	534	536	542	547	545	543	534	528	534	537	535	535	536	547	548	544	544	539
21	528	526	531	534	542	517	540	537	543	547	549	543	537	534	534	534	534	540	544	542	539	548	554	548	539
22 D	545	535	540	535	517	522	537	538	537	529	533	533	548	541	538	533	528	534	540	539	544	545	547	547	537
23 D	544	544	557	552	542	538	542	534	529	518	541	529	519	509	514	535	517	518	514	518	534	539	542	542	532
24	537	526	528	528	535	537	537	534	537	542	538	539	534	532	523	527	529	524	534	544	552	549	554	552	536
25	542	534	536	544	528	534	537	540	534	533	531	529	537	535	531	536	530	528	526	533	535	547	548	545	535
26	537	541	540	528	531	522	530	532	528	528	534	532	532	528	526	529	528	526	528	537	544	545	545	544	533
27 Q	544	544	543	543	542	543	547	545	542	544	544	544	543	543	538	539	541	537	532	537	549	559	572	564	545
28 D	549	549	532	481	448	489	532	534	524	526	534	539	532	514	518	532	529	523	527	534	539	545	547	539	526
29																									
30																									
31																									
Mean	535	534	534	530	528	528	531	531	531	531	534	535	533	530	529	530	529	529	530	534	537	537	538	538	532

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 6 Agincourt (D) West 7° + ... ′ February 1955

Day \ Hour 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	Mean
1 Q	15.6	15.1	15.1	15.7	15.7	15.7	15.8	16.0	16.0	15.7	15.7	15.5	14.7	13.4	13.4	14.9	16.7	17.4	16.8	16.4	16.2	16.6	16.7	16.1	15.7
2 Q	16.5	16.5	15.7	15.7	15.7	16.2	16.2	15.7	15.9	15.3	14.5	14.4	15.6	15.7	16.7	19.8	22.4	21.9	20.6	18.9	18.2	18.7	17.6	17.4	17.2
3	17.9	16.3	15.4	14.7	13.6	15.3	15.4	15.3	17.9	14.7	14.0	14.9	15.5	14.7	14.7	16.8	18.8	19.4	19.1	18.4	17.8	17.7	17.9	16.7	16.4
4 D	16.5	15.6	15.4	15.7	15.0	14.7	14.9	15.1	14.7	12.6	16.2	12.0	11.9	13.6	14.8	16.4	19.0	19.6	19.5	18.6	19.4	18.0	13.8	18.1	15.9
5 D	17.6	09.4	15.6	16.0	15.4	15.8	13.4	13.3	14.5	14.9	15.2	15.7	20.9	18.6	19.4	20.7	21.5	20.9	20.4	19.9	17.9	17.2	12.6	18.6	16.9
6	15.1	15.0	15.6	15.6	12.3	15.2	15.0	14.5	14.2	16.6	13.3	12.4	14.3	14.7	17.4	24.6	24.8	18.8	17.7	17.8	17.7	17.3	18.7	14.1	16.4
7	13.9	15.7	16.3	11.7	16.6	12.1	15.1	15.8	14.9	14.2	14.9	15.6	15.5	16.8	24.0	21.6	19.6	19.3	18.7	17.9	16.8	16.0	15.5	15.7	16.4
8	14.5	15.6	15.0	15.5	15.6	15.6	15.5	15.6	14.7	15.0	15.0	15.0	14.6	15.1	15.6	18.2	20.8	21.3	21.4	19.4	18.4	15.9	14.2	16.6	16.4
9	15.7	15.1	13.7	13.2	13.6	15.1	18.4	11.9	13.3	13.3	13.2	16.5	14.8	14.1	14.6	16.5	17.6	19.1	21.4	20.6	18.1	16.8	17.4	16.6	15.8
10 Q	16.1	15.5	14.9	14.8	15.7	15.4	17.5	19.6	15.9	14.8	15.1	14.2	15.2	15.8	14.9	16.5	17.9	18.7	19.3	18.3	16.9	16.0	16.3	16.4	16.3
11	15.8	15.5	14.9	15.5	15.7	16.3	15.8	15.8	15.8	14.5	14.6	15.2	14.9	13.1	14.0	17.2	18.7	21.0	21.9	26.7	27.6	26.5	18.2	17.8	17.7
12	13.2	15.8	15.4	13.5	13.2	13.9	16.7	16.8	14.7	15.1	14.6	13.6	13.6	13.6	14.4	15.9	18.5	21.3	23.1	21.3	19.1	18.7	15.3	17.5	16.2
13	16.4	05.7	12.7	13.3	14.1	15.5	15.9	15.8	14.5	19.5	17.8	14.5	13.2	12.0	11.8	15.4	19.1	19.1	20.0	19.1	16.4	15.8	16.4	15.9	15.5
14	15.5	14.5	13.8	15.5	14.7	12.8	15.5	14.7	14.0	13.6	13.1	14.9	13.6	14.6	15.8	15.9	16.6	19.4	18.6	17.7	18.6	20.4	17.8	16.7	15.8
15	17.4	17.4	18.0	15.6	14.4	10.7	13.6	11.7	18.5	18.5	15.8	15.9	15.0	14.5	14.5	15.5	16.1	17.3	18.6	19.1	18.2	16.8	16.4	16.3	16.1
16	15.8	15.6	15.9	15.6	15.8	15.8	15.9	15.8	15.5	16.6	15.8	14.0	14.1	14.5	16.8	17.2	16.7	17.3	18.8	19.2	19.2	18.7	16.9	18.7	16.5
17	17.7	16.7	12.2	14.5	14.2	15.0	14.6	14.6	15.4	14.1	14.5	16.4	17.4	15.2	14.8	15.8	17.5	19.4	20.1	20.1	18.7	16.8	17.3	16.6	16.2
18	15.8	15.5	15.5	14.0	14.1	11.8	13.0	13.6	14.7	14.8	15.0	15.6	15.5	15.5	15.0	15.4	15.5	16.4	18.0	20.2	21.9	20.0	20.0	17.7	16.0
19 Q	16.8	16.2	15.6	13.7	14.0	15.7	15.0	12.7	13.5	13.9	13.7	13.8	15.0	14.5	14.5	18.0	18.3	18.7	19.3	17.8	16.7	16.1	16.3	15.4	15.6
20	15.6	15.5	15.4	12.7	14.9	15.7	15.6	16.8	15.0	14.0	13.1	14.1	13.1	13.6	18.5	20.8	21.4	21.4	21.4	20.3	17.3	16.2	16.3	16.5	16.5
21	14.9	15.0	16.4	15.9	14.5	10.3	14.9	13.9	14.7	14.2	14.0	15.0	17.7	19.9	17.2	18.4	20.1	19.6	20.0	18.6	17.4	16.8	17.3	17.0	16.4
22 D	17.2	15.0	15.8	14.4	12.7	11.1	17.4	15.6	13.8	13.6	15.9	22.3	16.6	14.9	14.7	15.6	17.4	18.3	19.5	19.1	17.5	16.0	15.3	15.9	16.1
23 D	15.3	09.6	09.7	16.2	15.5	15.3	15.9	12.5	12.3	13.4	18.9	13.1	12.1	18.6	19.4	21.2	19.1	21.0	21.7	21.9	17.7	14.8	14.4	15.6	16.0
24	15.4	13.5	14.2	13.9	16.3	16.6	19.0	19.5	18.6	15.3	14.0	14.8	14.1	13.5	16.2	17.6	19.5	21.0	20.7	20.1	19.3	17.9	16.7	15.8	16.8
25	14.5	11.6	08.2	16.5	11.8	15.3	15.4	14.9	13.9	13.5	13.6	19.2	14.8	11.9	13.0	15.7	19.1	20.3	21.8	20.1	18.9	16.6	18.1	17.5	15.7
26	18.3	11.0	15.5	15.6	11.7	14.7	16.5	15.6	14.8	16.5	14.6	14.4	12.9	13.2	14.4	15.7	16.4	18.5	19.8	19.9	18.6	17.6	17.3	16.5	15.8
27 Q	16.1	15.8	15.7	15.8	15.8	16.3	16.4	15.8	16.6	15.4	14.9	14.4	13.9	13.0	14.4	16.6	17.1	20.1	21.3	20.8	18.9	17.2	16.7	17.7	16.5
28 D	17.2	16.6	02.0	04.2	06.5	22.7	17.2	18.2	15.7	13.6	18.6	15.7	14.4	17.7	18.7	19.4	20.3	20.4	20.3	19.1	17.4	16.3	15.7	16.3	16.0
29																									
30																									
31																									
Mean	16.0	14.5	14.3	14.5	14.3	14.9	15.8	15.3	15.1	14.9	15.0	15.1	14.8	14.9	15.8	17.6	18.8	19.5	20.0	19.5	18.4	17.5	16.5	16.7	16.2

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 7 Agincourt (Z) 56,000 γ + February 1955

Day \ Hour 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	Mean
1 Q	192	192	191	191	191	191	191	191	191	191	191	190	189	187	185	180	180	183	187	191	191	189	189	189	189
2 Q	191	192	193	193	191	191	191	189	189	187	186	183	183	181	180	177	173	175	176	182	183	185	188	190	185
3	198	201	194	183	191	190	189	185	184	187	188	189	190	190	187	184	181	183	187	187	189	194	194	194	189
4 D	193	193	194	199	201	197	194	193	192	185	169	143	167	175	175	172	171	179	183	191	198	206	214	210	187
5 D	206	204	203	202	196	196	193	193	194	193	191	183	175	176	177	179	181	181	188	194	192	202	211	209	192
6	204	200	196	194	186	179	187	189	192	190	190	189	193	190	190	186	186	183	184	190	192	193	197	207	191
7	204	207	218	204	186	189	199	197	196	193	192	191	191	187	186	188	185	185	189	192	193	192	193	194	194
8	194	194	194	195	195	195	195	197	196	196	195	195	193	193	188	187	191	198	198	197	198	205	205	199	196
9	197	195	197	195	197	197	187	190	195	194	190	185	187	191	188	183	181	184	192	197	197	195	196	196	192
10 Q	197	196	196	195	195	192	193	192	190	188	189	189	192	193	187	181	182	185	189	193	193	190	188	193	191
11	192	192	192	190	192	192	192	192	192	190	189	188	188	188	183	181	186	190	196	203	226	241	217	215	196
12	213	201	199	203	193	192	205	199	194	190	193	193	197	195	193	188	187	192	199	204	201	202	204	199	197
13	199	186	193	198	196	196	196	195	191	189	181	187	191	192	187	187	193	196	196	199	201	198	193	195	193
14	193	195	195	195	196	192	193	193	187	187	192	191	192	190	190	187	190	193	196	199	201	201	201	199	194
15	201	207	207	206	206	200	197	194	190	187	195	197	197	196	193	191	189	187	189	193	196	196	196	196	196
16	193	193	193	193	193	193	192	192	192	189	182	186	189	190	187	186	193	193	193	193	196	193	197	199	192
17	201	201	200	201	201	198	196	194	194	195	195	192	189	187	189	184	186	189	192	193	192	193	194	193	194
18	193	193	195	199	199	199	196	195	196	196	193	193	192	192	189	181	172	172	177	185	193	195	201	210	192
19 Q	207	200	196	197	190	184	184	190	193	193	192	191	192	191	187	185	183	183	187	187	189	190	190	190	190
20	189	190	187	191	193	193	193	187	184	186	187	187	189	187	187	187	191	194	193	196	198	195	193	193	190
21	195	199	200	196	159	172	195	191	193	190	188	188	189	186	186	185	186	186	186	188	189	191	194	192	188
22 D	195	203	211	213	199	189	197	195	192	186	179	175	174	178	177	179	180	185	189	193	196	193	194	191	190
23 D	191	191	179	179	186	186	182	178	178	154	129	145	160	173	180	182	184	196	207	210	208	207	199	196	182
24	197	199	200	198	195	192	186	180	182	189	189	191	191	189	188	187	187	189	190	193	195	193	193	193	191
25	192	193	190	186	175	189	193	191	187	186	184	169	166	173	175	177	175	181	189	193	195	195	195	199	185
26	205	206	208	210	195	201	198	195	193	189	189	190	190	189	188	187	186	187	189	189	192	193	193	193	194
27 Q	193	193	193	193	191	190	190	190	190	189	189	189	189	189	187	184	181	183	189	193	193	190	190	187	189
28 D	194	195	186	142	115	135	205	211	210	199	185	177	184	186	196	195	183	187	192	195	198	196	195	195	186
29																									
30																									
31																									
Mean	198	198	197	195	190	190	194	193	192	189	187	185	187	187	186	184	184	187	190	194	196	197	197	197	191

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 8 Agincourt — February 1955

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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 Q	00	06	541	17	06	526	15	17	14	17.6	13	39	11.9	5.7	00	15	194	16	18	177	17
2 Q	12	37	541	21	50	516	25	16	38	23.3	11	50	13.6	9.7	02	28	195	15	00	179	16
3	02	50	555	00	45	502	53	18	05	19.5	03	40	9.4	10.1	02	36	205	03	05	172	33
4 D	19	28	548	22	18	494	54	10	55	26.9	11	54	2.9	24.0	22	08	226	11	24	125	101
5 D	16	33	542	13	00	485	57	16	35	23.4	01	40	3.0	20.4	22	27	213	12	56	171	42
6	04	50	568	04	25	506	62	16	22	27.0	23	47	4.7	22.3	23	50	217	04	58	166	51
7	03	53	575	14	20	499	76	15	29	24.8	03	37	6.3	18.5	02	43	223	03	58	173	50
8	20	03	554	16	21	489	65	18	52	22.5	22	13	10.4	12.1	21	12	208	16	15	181	27
9	03	20	548	06	30	515	33	06	21	27.0	07	12	11.0	16.0	05	30	201	06	23	180	21
10 Q	20	05	550	09	22	525	25	07	01	21.4	03	00	13.7	7.7	00	20	199	15	10	180	19
11	20	54	556	21	10	492	64	20	55	30.6	14	05	11.2	19.4	21	06	252	15	04	178	74
12	04	28	544	21	54	502	42	18	46	24.1	04	16	8.1	16.0	00	01	219	16	05	186	33
13	01	10	545	16	02	499	46	09	45	22.3	01	28	-7.5	29.8	19	27	204	10	47	175	29
14	23	33	543	17	25	513	30	21	42	22.3	05	43	10.0	12.3	22	00	205	09	16	175	30
15	22	09	544	06	41	504	40	19	35	19.5	05	33	8.1	11.4	04	11	211	08	49	181	30
16	23	02	549	18	41	527	22	18	49	20.1	11	40	13.1	7.0	23	59	201	10	40	181	20
17	21	23	552	16	12	524	28	18	35	20.4	02	18	9.7	10.7	03	45	205	16	11	182	23
18	22	32	550	04	58	513	37	20	05	22.4	04	07	9.9	12.5	23	48	214	16	47	170	44
19 Q	19	50	552	03	05	527	25	18	37	20.1	07	15	12.1	8.0	00	01	211	06	07	180	31
20	21	40	552	03	58	521	31	15	58	23.0	03	16	10.2	12.8	20	10	199	08	14	181	18
21	04	20	567	05	28	511	56	04	26	23.2	04	03	6.6	16.6	01	45	201	04	25	145	56
22 D	22	48	557	04	39	501	56	11	11	23.9	05	07	8.5	15.4	03	50	219	11	25	169	50
23 D	02	53	569	14	00	488	81	10	05	30.2	01	58	-1.3	31.5	19	20	213	10	09	112	101
24	22	29	560	14	24	513	47	08	08	22.6	13	10	11.9	10.7	02	30	201	07	53	175	26
25	22	05	564	04	47	522	42	18	36	22.3	02	18	1.5	20.8	23	07	200	11	45	160	40
26	04	17	557	04	00	513	44	18	56	20.9	04	09	-1.8	22.7	04	04	225	04	21	181	44
27 Q	22	20	577	18	34	523	54	18	11	22.0	13	56	11.5	10.5	02	15	193	17	17	178	15
28 D	02	27	570	04	46	421	149	05	25	38.4	02	47	-13.3	51.7	02	30	244	05	20	035	209
29																					
30																					
31																					
Mean			555			506	49			23.6			7.0	16.6			211			166	45
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 1956

Day \ Hour 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	Mean
1 Q	539	539	541	541	541	541	541	542	544	541	543	544	539	534	530	526	522	518	523	531	541	547	547	544	537
2 Q	541	535	539	542	546	544	544	546	547	547	549	550	549	544	539	537	536	531	531	539	549	549	554	553	543
3 Q	554	550	549	546	545	554	546	551	550	554	553	550	549	544	537	534	528	526	527	534	544	544	547	547	544
4 Q	547	545	544	541	544	546	544	547	545	542	544	546	545	541	539	536	539	539	544	550	549	546	547	549	544
5	546	536	534	539	544	530	535	539	539	538	539	544	541	537	534	524	534	530	534	539	553	545	531	530	537
6	537	548	518	535	539	535	540	536	534	539	537	541	542	531	519	518	525	533	541	550	538	538	541	534	535
7 D	537	510	522	513	524	516	510	517	506	514	537	536	530	521	515	510	506	499	533	556	520	529	535	525	522
8	533	520	525	523	520	515	518	523	524	524	528	528	524	510	499	504	508	497	502	525	533	538	530	527	520
9 D	517	530	533	533	527	530	528	534	538	540	535	539	533	520	522	519	517	513	509	527	528	529	540	541	528
10	538	538	535	534	528	533	529	507	545	539	540	523	524	528	510	521	523	523	520	538	543	538	535	536	530
11	540	528	533	538	540	531	540	525	539	545	548	533	520	543	542	523	508	514	528	539	550	551	553	553	536
12	550	550	549	540	533	541	527	539	533	543	537	533	520	523	520	514	504	510	525	543	548	541	539	544	534
13	543	535	541	539	536	544	544	545	543	543	542	539	536	530	517	517	514	519	525	538	523	540	539	549	535
14	529	538	540	544	548	543	540	540	541	540	538	535	538	529	522	508	506	508	512	533	534	530	539	546	533
15	538	525	529	536	513	522	523	527	505	514	530	540	529	525	523	516	518	527	540	549	543	535	541	548	529
16	546	534	533	547	542	540	540	541	544	545	543	543	540	536	529	525	522	522	529	544	537	533	538	523	536
17	528	534	535	540	548	541	549	543	530	534	536	542	549	545	530	525	535	533	540	544	550	555	553	553	541
18	562	554	550	550	548	551	545	543	533	538	540	535	533	541	536	522	499	492	534	548	535	548	554	547	539
19	538	533	537	538	535	539	538	535	540	540	540	539	536	529	527	523	524	529	535	535	533	540	544	546	536
20	544	536	540	543	540	543	544	545	546	551	550	548	541	535	529	525	533	541	548	555	558	558	560	535	544
21	525	543	550	549	546	543	543	538	544	543	547	550	541	533	525	528	536	548	554	563	562	549	544	553	544
22 D	559	559	559	553	553	554	552	553	568	571	574	530	509	479	456	436	483	523	543	545	541	535	533	534	533
23	535	538	541	543	544	543	545	540	543	546	544	540	539	530	525	520	515	519	538	559	576	525	527	524	537
24	532	512	507	513	529	532	533	525	523	532	533	532	525	518	514	516	521	524	533	542	544	545	539	541	528
25	542	544	542	538	544	544	544	543	542	543	543	541	539	532	520	500	491	504	521	534	537	537	544	544	534
26	545	548	548	547	543	550	528	524	521	534	547	543	531	514	511	517	514	521	537	547	557	568	565	556	538
27	545	547	543	539	544	542	544	544	549	540	544	539	552	542	528	521	511	513	518	529	548	550	552	548	539
28	546	544	544	540	539	542	545	543	544	547	547	541	541	537	527	513	507	514	527	541	545	558	552	544	539
29 Q	539	542	547	547	545	543	548	544	544	544	547	548	544	539	534	529	526	529	534	540	546	549	555	554	542
30 D	552	545	550	552	554	553	552	552	552	554	561	563	554	544	536	532	534	540	554	554	583	557	572	557	552
31 D	532	527	521	497	523	534	492	367	473	503	512	517	516	512	506	493	495	521	543	542	563	533	537	537	512
Mean	538	538	538	538	539	539	537	530	536	539	542	540	536	530	523	517	517	521	532	542	545	543	545	543	536

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 10 Agincourt (D) West 7° + ... ′ March 1955

Day \ Hour 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	Mean
1 Q	16.2	15.7	15.4	14.6	16.2	16.4	16.3	16.4	16.0	15.7	15.3	14.4	13.6	13.0	13.7	14.8	17.8	20.8	22.2	21.3	19.8	18.5	17.2	16.5	16.6
2 Q	15.6	14.4	14.4	15.7	15.7	15.0	15.4	15.8	15.0	13.6	14.3	14.5	14.0	13.6	13.9	15.7	17.9	19.5	20.0	19.0	18.3	17.4	16.5	16.7	15.9
3 Q	16.3	15.8	15.8	15.4	15.6	14.8	15.7	17.2	15.5	14.7	14.5	14.8	13.1	12.0	11.9	13.4	16.4	19.4	20.9	20.4	19.0	17.4	16.4	16.4	16.0
4 Q	16.2	15.8	15.6	14.4	15.8	15.4	15.7	16.6	15.4	14.1	14.0	14.8	13.8	13.4	13.0	14.6	17.3	19.9	20.9	21.0	20.9	19.6	18.0	17.7	16.4
5	17.2	16.6	15.4	15.3	17.6	14.1	14.4	15.4	16.3	17.1	13.9	13.8	13.0	12.6	14.9	18.2	22.2	21.8	21.8	19.2	18.5	19.4	19.1	21.0	17.0
6	18.5	14.4	15.7	15.8	15.8	14.8	15.4	14.0	13.8	13.7	15.4	14.5	12.5	11.0	12.0	16.5	19.2	22.2	22.2	21.6	21.8	19.7	18.5	18.0	16.5
7 D	15.3	08.8	17.5	14.2	14.2	14.0	10.5	11.3	10.8	15.5	17.1	15.1	14.2	13.0	12.0	15.7	20.9	23.4	22.2	21.6	18.3	20.8	20.8	19.9	16.1
8	17.5	06.1	15.3	15.7	13.9	14.5	18.8	18.0	15.7	17.1	16.4	15.7	13.8	12.5	14.2	15.7	18.8	22.0	21.6	21.0	20.0	17.6	13.7	16.3	16.3
9 D	13.6	14.8	15.2	13.3	15.7	19.9	25.8	12.7	15.6	15.3	13.0	12.4	10.2	12.9	14.7	18.9	20.8	24.9	28.5	27.6	29.9	22.2	17.5	17.1	18.0
10	17.0	16.2	15.7	16.5	11.7	12.9	14.7	25.3	18.0	15.2	13.0	17.5	23.2	13.4	17.5	17.6	18.9	19.9	24.5	24.5	23.9	23.1	19.3	16.1	18.1
11	11.0	15.3	15.7	16.4	16.4	16.8	22.2	12.3	12.9	14.2	13.0	12.9	24.1	17.1	13.8	15.8	19.6	20.3	21.1	20.8	19.9	18.5	17.1	16.7	16.8
12	16.9	16.4	16.0	09.8	10.3	15.5	13.2	15.2	10.7	12.6	11.8	15.4	17.4	17.1	12.8	14.9	21.1	24.7	24.8	23.7	24.5	20.1	19.3	17.5	16.7
13	18.2	14.9	15.0	15.9	14.5	15.1	15.3	15.5	15.5	15.6	15.3	13.8	13.0	11.8	12.1	17.3	20.1	22.3	22.2	22.2	23.3	21.1	19.2	18.3	17.0
14	07.0	12.8	17.3	15.6	16.5	14.5	15.8	15.6	16.3	15.7	16.7	15.7	15.1	11.6	11.3	14.5	18.8	23.2	23.5	22.9	23.7	22.1	19.5	15.3	16.7
15	12.2	16.8	14.8	12.9	12.5	12.7	16.3	18.3	09.7	09.9	10.6	13.5	09.9	11.0	12.6	15.2	20.6	22.6	23.4	23.4	24.1	22.1	17.1	16.2	15.8
16	16.2	14.4	14.2	20.1	15.4	15.4	15.7	17.1	16.5	15.4	15.9	16.1	14.3	12.0	12.9	14.8	18.9	21.7	21.2	20.3	22.2	20.8	19.3	17.2	17.0
17	11.0	15.2	14.6	15.4	15.5	15.5	16.9	17.5	08.7	05.0	14.9	22.1	18.0	13.0	14.6	17.0	18.3	19.8	20.0	19.8	18.6	17.4	16.5	16.1	15.9
18	15.2	16.0	16.0	15.6	15.2	15.1	14.2	11.8	10.6	10.9	12.4	15.2	17.0	14.2	13.3	15.2	18.4	24.1	24.4	23.4	24.0	20.5	18.7	17.0	16.6
19	15.4	13.7	15.2	14.3	14.2	13.4	14.6	14.6	16.4	15.2	15.2	15.2	13.7	13.1	13.7	16.6	18.2	20.0	21.5	21.6	21.5	19.8	18.3	16.7	16.3
20	15.2	14.5	14.5	15.5	15.8	16.0	15.6	19.5	18.2	14.7	14.0	13.2	11.8	11.4	12.7	16.3	18.3	20.1	21.5	21.7	21.1	19.8	18.3	16.9	16.5
21	16.8	16.0	14.9	16.0	15.4	14.2	15.2	15.4	15.9	17.0	14.6	12.4	11.5	12.6	14.1	19.7	23.0	25.1	25.5	23.7	22.0	20.8	18.6	16.2	17.4
22 D	16.1	15.8	15.5	16.3	15.9	15.4	14.6	14.5	16.8	07.6	10.5	15.1	36.7	37.1	26.4	37.3	34.4	24.7	27.1	22.8	18.6	17.3	16.0	15.9	20.3
23	15.9	15.8	15.9	16.2	16.2	15.4	14.5	15.0	15.0	14.5	13.5	12.9	11.4	09.6	14.5	16.0	19.6	27.3	28.8	28.2	30.5	28.2	22.2	19.1	18.2
24	17.0	11.2	04.8	16.0	22.4	16.2	16.0	16.1	20.6	15.9	14.2	13.5	13.4	14.1	14.2	16.9	20.0	22.4	21.4	19.7	18.7	17.9	17.1	16.0	16.5
25	16.1	16.1	16.2	16.2	16.1	16.2	16.0	15.1	17.2	15.4	15.6	13.6	12.1	10.2	11.3	13.9	20.4	25.2	26.4	24.7	22.8	20.7	17.2	15.8	17.1
26	15.5	15.3	15.7	16.1	15.3	13.9	15.2	08.0	08.5	07.2	09.2	11.3	13.8	19.6	17.6	18.0	20.4	23.3	23.7	22.6	20.5	18.5	16.7	15.7	16.0
27	15.3	16.0	16.1	14.6	15.0	15.4	15.9	15.3	15.7	14.3	13.0	17.5	11.5	07.6	09.5	12.3	17.1	21.7	23.4	22.7	21.4	19.0	16.7	15.9	16.0
28	15.3	15.3	15.4	15.2	14.9	15.1	15.3	14.9	18.0	15.1	13.9	14.6	12.5	10.5	10.3	12.5	16.3	19.6	20.8	20.8	19.5	18.1	17.5	17.0	15.8
29 Q	17.0	16.5	16.0	16.0	15.9	15.2	15.2	14.5	13.9	13.8	14.8	13.7	13.4	11.7	11.8	13.8	17.8	20.3	21.2	19.7	18.5	17.7	16.8	16.1	15.9
30 D	16.1	14.4	14.4	16.0	15.5	15.1	14.8	14.0	14.2	12.9	12.7	11.3	09.6	09.5	13.7	15.7	17.9	19.4	19.8	23.4	23.4	23.0	23.8	17.5	16.2
31 D	11.4	12.5	11.0	06.8	17.6	09.7	15.6	23.0	06.9	18.6	11.6	17.0	14.8	15.7	17.5	19.7	23.5	22.9	24.8	18.8	20.3	20.2	15.2	16.2	15.4
Mean	15.3	14.6	14.3	15.1	15.4	14.9	15.8	15.7	14.5	14.0	13.9	14.6	14.7	13.5	13.8	16.6	19.8	22.1	22.9	22.1	21.6	20.0	18.0	16.9	16.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt (Z) 56,000 γ + March 1955

Day \ Hour 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	Mean
1 Q	198	201	198	198	198	198	198	198	197	197	197	196	197	196	194	194	192	198	204	210	211	205	200	201	199
2 Q	199	200	200	200	198	198	197	197	197	196	197	196	197	196	193	191	187	187	190	196	198	199	197	196	196
3 Q	195	193	194	194	196	187	193	193	193	194	193	192	193	193	190	185	184	188	191	193	197	199	197	196	193
4 Q	196	196	196	195	196	196	196	196	194	195	197	197	198	196	196	191	197	197	197	192	197	197	195	197	194
5	201	207	208	203	197	196	199	202	197	189	187	195	196	195	191	180	181	185	191	196	204	210	219	216	198
6	215	204	207	212	199	196	196	192	194	196	196	195	196	193	190	188	183	181	184	193	198	200	201	200	196
7 D	208	210	215	214	210	198	184	181	175	188	195	199	203	202	195	192	193	203	219	219	252	238	221	213	205
8	215	209	209	207	206	197	190	183	191	197	195	203	202	203	202	203	200	201	211	212	210	207	210	210	203
9 D	210	210	207	206	200	192	153	186	184	171	165	167	165	175	171	175	182	189	221	231	247	229	214	207	194
10	204	206	213	221	206	201	191	142	166	195	197	189	189	190	197	201	201	204	209	209	219	229	237	232	202
11	220	214	213	208	204	188	171	176	200	206	201	194	189	190	193	190	196	204	205	207	207	206	205	201	200
12	200	201	201	176	189	203	182	160	180	196	190	196	194	196	193	186	184	193	197	204	212	223	209	206	195
13	208	206	204	201	200	190	181	196	198	198	195	199	200	196	194	195	193	197	201	206	209	218	209	212	200
14	211	207	209	204	189	195	197	198	198	199	194	192	196	196	198	194	193	196	208	211	206	212	209	206	201
15	204	215	217	181	194	206	174	127	135	144	179	198	200	199	196	189	191	195	201	209	215	216	208	208	192
16	203	208	208	176	175	196	197	198	198	196	198	199	199	201	197	191	191	197	199	205	210	220	225	231	201
17	221	213	209	204	195	189	163	129	144	175	187	181	177	183	189	193	192	195	201	203	203	201	200	200	189
18	198	193	195	195	194	194	189	176	174	183	190	191	189	191	188	182	186	205	207	211	212	208	208	204	194
19	203	205	203	202	200	198	192	193	192	191	194	198	198	198	194	192	194	195	194	192	194	198	198	198	197
20	198	198	198	198	197	198	196	191	182	191	192	194	195	198	198	194	195	200	204	204	200	197	200	204	197
21	213	202	199	199	197	197	194	196	196	197	196	197	196	194	193	189	193	193	193	194	196	199	203	198	197
22 D	195	191	193	193	191	192	191	173	164	157	167	155	131	113	127	147	203	219	202	195	199	203	203	201	180
23	201	200	199	197	200	199	198	199	199	198	197	199	197	193	191	190	193	197	202	211	241	268	223	204	204
24	203	222	207	201	163	185	186	192	175	178	190	196	200	202	199	200	196	196	192	193	196	198	206	206	195
25	198	199	198	198	196	196	193	196	196	191	192	196	198	198	198	196	196	201	204	207	212	203	204	202	199
26	201	201	196	196	195	180	148	128	109	127	162	172	186	190	186	184	186	190	194	198	195	198	194	192	179
27	192	193	190	192	189	189	192	188	188	188	183	182	183	186	184	179	185	190	194	195	201	198	197	197	190
28	195	195	195	195	192	192	192	189	183	179	185	191	192	195	191	188	191	194	194	195	195	200	199	200	192
29 Q	200	197	195	191	191	191	188	189	191	192	192	192	192	192	190	187	186	188	189	189	191	191	195	193	191
30 D	190	191	189	190	189	189	190	189	188	188	188	187	185	185	188	179	182	182	189	192	205	222	242	289	196
31 D	245	230	157	175	140	140	101	-031	075	136	136	177	180	176	181	184	195	200	215	226	210	216	224	216	171
Mean	205	204	201	198	193	193	184	174	179	185	188	191	191	191	190	188	191	195	200	203	208	210	208	208	195

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DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 12 Agincourt — March 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	21	23	549	17	18	515	34	08	18	22.6	13	18	12.6	10.0	20	15	212	14	57	191	21
2 Q	20	56	555	17	52	530	25	17	45	20.4	13	43	13.5	6.9	02	20	202	17	00	184	18
3 Q	05	19	559	17	02	525	34	18	28	21.4	14	15	11.4	10.0	21	08	200	16	10	181	19
4 Q	20	55	559	15	20	534	25	21	04	21.8	03	35	12.0	9.8	20	55	202	18	21	185	17
5	20	33	559	15	48	520	39	16	13	23.2	13	07	11.6	11.6	22	08	222	15	44	177	45
6	01	43	575	02	38	494	81	18	07	22.7	01	40	5.7	17.0	02	58	226	17	23	178	48
7 D	20	07	568	17	48	492	76	20	08	28.4	01	22	3.2	25.2	20	38	276	08	32	168	108
8	21	49	544	18	00	482	62	17	55	24.0	01	16	1.4	22.6	01	03	221	07	34	177	44
9 D	23	58	548	18	33	501	47	20	12	35.0	12	36	9.2	25.8	20	44	255	06	17	137	118
10	20	11	558	07	33	462	96	07	37	39.5	04	29	6.5	33.0	22	42	246	07	48	89	157
11	20	55	560	16	50	497	63	12	34	27.8	00	33	4.6	23.2	00	18	230	06	19	164	66
12	02	55	585	16	43	496	89	18	18	26.2	02	55	-2.5	28.7	21	04	232	07	17	139	93
13	23	12	555	15	08	509	46	20	25	26.0	01	55	10.0	16.0	21	51	219	06	18	173	46
14	04	15	550	18	08	494	56	18	00	24.8	00	28	2.7	22.1	00	15	215	04	34	182	33
15	20	02	564	08	15	497	67	20	41	25.2	03	02	4.6	20.6	01	45	219	07	43	108	111
16	03	39	564	23	59	509	55	03	44	27.8	02	04	11.1	16.7	23	59	234	03	52	145	89
17	21	08	570	00	17	504	66	11	15	23.5	00	26	-6.1	29.6	00	23	255	07	45	118	137
18	00	15	571	17	08	468	103	20	25	26.1	08	31	8.2	17.9	20	46	216	08	22	158	58
19	23	50	548	17	00	519	29	20	32	21.9	00	58	11.8	10.1	01	58	206	08	45	186	20
20	22	08	564	23	52	518	46	08	00	23.8	13	40	10.4	13.4	23	56	212	08	21	176	36
21	20	03	568	00	25	518	50	18	10	25.8	11	48	11.4	14.4	00	15	217	15	10	187	30
22 D	10	14	586	15	18	424	162	15	58	44.5	10	03	1.6	42.9	17	30	224	13	21	103	121
23	20	28	590	21	22	496	94	21	12	36.1	13	56	6.6	29.5	21	17	307	15	57	184	123
24	19	56	548	01	40	494	54	04	14	26.8	02	12	-0.7	27.5	02	43	231	04	52	150	81
25	05	50	548	16	18	486	62	18	45	27.1	13	56	9.8	17.3	20	23	214	11	03	187	27
26	21	51	573	13	52	501	72	18	31	24.2	08	05	4.2	20.0	00	09	202	09	47	98	104
27	20	13	558	19	05	503	55	18	28	24.4	13	50	6.8	17.6	21	46	203	12	07	175	28
28	21	39	569	16	32	504	65	18	50	21.4	14	14	10.0	11.4	21	39	202	08	55	171	31
29 Q	22	54	558	16	11	523	35	18	16	21.3	13	44	11.0	10.3	01	10	201	06	42	182	19
30 D	20	30	615	14	32	523	92	22	45	30.3	13	45	7.5	22.8	23	38	356	15	06	175	181
31 D	19	50	573	07	13	259	314	07	08	37.1	02	04	-24.7	61.8	00	33	298	07	13	-112	410
Mean			564			493	71			26.8			6.0	20.8			231			152	79
No. days			31			31	31			31			31	31			31			31	31

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HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 13 Agincourt (H) 15,000 γ + April 1955

Day \ Hour 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	Mean
1	553	548	563	545	544	538	538	535	545	533	530	528	538	533	525	525	533	539	549	558	561	561	544	544	542
2	535	541	548	559	550	538	539	532	529	530	539	547	536	508	504	504	522	535	543	553	561	550	540	548	537
3	553	550	543	548	548	546	548	540	542	536	541	547	536	514	499	526	530	538	543	545	554	548	549	546	541
4	548	548	545	550	550	544	541	544	546	537	545	546	550	542	533	525	533	530	545	549	561	575	559	527	545
5 D	533	548	545	543	545	541	549	546	543	537	548	545	534	517	525	530	530	544	555	561	564	553	551	548	543
6	548	541	543	548	555	560	548	553	553	551	541	528	541	533	523	518	529	545	560	564	574	553	550	543	546
7 D	525	541	546	545	538	543	540	543	553	548	532	548	543	525	514	520	530	540	548	552	564	555	564	538	541
8	545	550	548	547	550	553	545	533	540	545	549	548	539	534	522	517	523	533	543	559	565	555	561	561	545
9	557	552	547	547	555	558	554	552	554	554	554	551	547	540	535	532	537	542	547	555	567	577	557	554	551
10	557	559	560	557	559	559	559	558	560	557	552	549	558	556	548	536	528	534	552	552	557	557	564	560	554
11	554	554	554	554	547	543	554	557	550	558	552	549	549	547	544	540	539	537	544	551	557	563	562	562	551
12	562	562	537	539	543	543	537	542	542	548	549	542	544	545	540	533	533	535	554	559	563	554	552	543	546
13	546	548	544	547	554	553	551	554	558	562	557	549	543	537	535	533	538	547	560	574	575	590	570	554	553
14	557	557	555	552	552	549	537	544	544	558	564	568	563	554	543	539	543	547	552	560	565	569	572	569	555
15	567	565	560	563	564	567	568	570	567	563	564	566	563	552	537	537	542	549	559	564	567	572	568	569	561
16 Q	569	568	567	563	563	565	564	563	564	565	565	567	563	553	548	540	544	550	560	564	560	565	573	566	561
17 Q	569	564	565	569	568	563	560	564	565	559	568	562	562	562	547	532	534	547	569	577	573	572	573	568	562
18 Q	567	565	564	563	562	560	560	564	563	564	567	566	562	554	547	532	528	539	552	562	567	563	564	565	558
19 Q	565	565	562	554	557	559	558	559	567	570	569	571	565	554	547	547	556	564	570	570	574	579	583	584	565
20	584	583	574	573	572	555	548	553	558	563	564	560	556	543	542	533	537	549	555	553	563	565	564	564	559
21	563	561	559	559	563	565	559	557	553	559	565	567	558	543	539	537	543	549	554	568	569	579	570	572	559
22	569	567	565	558	562	548	555	559	560	559	564	563	558	545	542	538	543	549	560	573	580	579	577	572	560
23 Q	566	563	563	564	567	566	567	568	569	568	566	567	558	547	533	531	541	551	559	568	573	574	573	569	561
24	566	562	561	563	569	573	569	571	573	568	571	574	570	543	566	542	542	524	517	534	556	567	564	542	558
25	538	544	544	567	546	547	550	550	551	548	541	538	539	532	517	525	543	556	564	573	578	568	558	566	549
26	546	533	541	543	564	550	538	523	522	552	543	526	543	541	528	523	525	532	549	553	564	572	568	572	544
27 D	546	551	547	542	562	548	547	548	552	547	550	548	539	534	536	536	533	523	551	639	880	815	690	601	582
28 D	677	523	515	513	507	511	467	505	498	492	507	517	541	532	521	528	526	525	541	551	569	578	553	542	531
29 D	543	523	536	536	540	546	542	531	526	496	467	493	522	525	531	538	527	526	533	556	556	568	546	556	532
30	562	551	531	538	548	556	544	536	537	528	525	513	533	538	533	527	536	551	559	565	558	562	559	545	543
31																									
Mean	559	553	551	552	553	552	548	548	549	548	548	548	548	539	533	531	535	541	552	562	576	575	566	558	551

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 14 Agincourt (D) West 7° + ... ′ April 1955

Day \ Hour 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	Mean
1	09.4	11.4	15.7	12.4	17.6	16.6	11.1	15.0	12.9	11.9	13.5	11.9	12.8	11.4	13.6	17.5	20.6	22.3	22.3	20.6	18.9	18.1	18.8	21.7	15.7
2	16.7	16.8	16.1	15.6	16.0	12.0	13.0	14.1	11.0	15.5	16.7	12.8	10.9	14.7	19.3	23.4	26.2	26.9	27.5	21.4	18.7	14.9	13.6	16.6	17.1
3	16.0	15.1	13.3	17.3	17.4	18.3	12.2	11.1	11.4	11.8	16.9	11.9	09.7	11.2	13.9	21.0	21.5	21.0	21.5	20.4	19.3	18.2	15.5	16.3	15.9
4	15.6	14.8	13.2	15.9	13.9	12.0	11.6	13.1	12.9	14.8	17.3	11.5	10.3	10.5	11.9	14.7	18.1	22.7	26.2	24.6	20.5	18.7	20.8	17.6	16.0
5 D	17.2	07.2	11.8	14.6	15.8	15.3	24.2	14.1	12.6	16.4	15.5	12.2	10.9	13.8	20.0	17.3	21.4	23.4	23.2	21.4	19.2	19.2	17.6	16.8	16.7
6	15.4	07.1	07.7	12.6	23.0	18.6	13.6	15.9	15.2	12.7	14.9	17.7	13.0	09.5	10.7	16.4	21.6	23.8	22.8	21.1	19.4	18.6	16.5	15.6	16.0
7 D	06.5	05.6	14.5	10.2	08.1	13.2	15.3	20.3	14.4	10.3	15.7	12.8	08.4	09.4	11.6	17.6	21.4	22.3	22.2	20.3	19.1	19.8	18.6	14.4	14.7
8	14.5	15.7	15.7	15.6	14.9	12.2	13.1	09.9	12.2	12.5	12.1	10.6	09.9	09.7	10.1	14.4	18.0	22.3	22.7	21.3	20.4	19.0	16.7	15.7	15.0
9	15.4	15.8	14.5	13.9	13.9	15.5	15.3	13.5	13.0	13.5	13.8	12.6	12.1	11.6	11.4	14.1	17.1	19.4	20.9	20.9	19.5	19.0	18.4	17.6	15.5
10	16.7	15.7	15.4	14.4	15.0	14.9	14.8	14.4	14.0	13.9	15.4	18.5	22.3	15.3	16.2	16.7	18.4	19.9	19.7	21.3	21.1	20.8	18.6	15.4	17.0
11	14.4	15.6	14.4	10.2	09.8	12.0	17.2	13.3	10.9	10.6	10.7	10.3	10.1	10.8	11.0	12.5	15.4	18.0	20.3	20.8	20.1	19.8	18.4	16.6	14.3
12	15.5	15.6	09.2	10.7	13.4	13.4	10.8	12.0	10.2	14.7	14.7	13.4	15.7	12.1	11.5	13.7	16.6	19.0	20.0	22.7	23.2	23.9	21.8	20.0	15.6
13	17.0	11.0	16.0	16.2	16.9	12.8	12.6	13.9	14.3	11.0	11.8	10.2	10.1	11.6	12.9	16.1	18.1	19.8	20.0	20.3	22.0	23.0	21.9	17.0	15.7
14	16.4	16.2	15.5	15.1	13.3	12.0	13.6	10.6	09.2	12.4	12.0	12.0	12.9	11.6	13.6	15.2	17.0	18.9	20.6	21.1	20.1	18.9	18.2	17.0	15.1
15	16.5	16.5	14.7	14.3	16.2	15.5	15.5	14.6	14.5	14.5	14.2	12.4	11.4	10.7	12.9	17.4	21.0	22.5	22.3	22.0	20.6	19.2	18.0	17.1	16.4
16 Q	16.7	16.0	15.0	16.4	16.0	15.1	15.0	15.1	15.2	14.5	14.2	13.3	11.8	11.9	13.9	16.2	19.2	22.4	23.6	23.4	22.3	19.9	17.4	16.9	16.7
17 Q	16.4	15.7	16.4	15.5	15.3	14.9	18.2	15.2	11.4	10.9	12.8	13.7	15.1	12.8	13.3	14.9	18.2	20.9	22.8	23.4	21.6	19.2	17.3	16.8	16.4
18 Q	16.2	16.2	16.0	15.6	15.5	15.5	15.3	15.1	14.4	15.0	14.3	12.6	11.7	11.3	12.7	14.1	18.2	22.3	23.5	22.5	20.9	19.6	17.7	15.9	16.3
19 Q	15.9	15.8	15.8	15.1	12.1	14.1	14.4	14.7	14.0	13.5	12.7	11.8	11.2	11.6	13.0	16.7	19.1	21.0	21.8	21.0	19.5	18.7	17.7	17.0	15.7
20	16.2	16.6	16.7	15.8	14.9	13.2	20.4	11.2	11.6	12.6	12.3	11.2	10.7	12.2	15.7	16.7	18.8	20.9	23.1	23.0	20.7	19.0	17.2	16.3	16.1
21	16.2	15.9	14.9	15.2	14.8	14.4	13.1	13.6	11.3	12.1	11.7	10.3	11.3	12.9	14.6	14.8	17.6	20.8	24.4	25.1	22.8	19.8	17.2	15.9	15.8
22	15.6	15.2	08.7	10.2	09.7	13.4	14.2	14.5	13.9	13.9	13.2	12.7	11.1	12.0	13.9	16.6	18.5	20.8	22.9	22.6	20.2	18.6	16.9	16.0	15.2
23 Q	15.7	15.8	15.8	15.7	15.5	15.2	15.1	14.8	14.8	13.8	13.9	11.2	10.2	11.2	13.4	17.4	20.8	24.0	23.9	22.0	19.8	17.5	15.8	15.2	16.2
24	15.0	15.0	16.0	15.2	15.5	14.8	14.1	13.8	11.9	10.3	09.6	07.8	08.3	12.8	17.5	14.7	16.5	19.3	24.0	27.1	25.6	20.7	20.5	16.0	15.9
25	16.5	16.7	15.6	12.4	13.5	14.7	15.8	15.0	15.7	15.7	12.3	11.4	10.1	10.2	13.3	18.7	21.6	21.1	22.5	21.6	21.0	23.1	21.6	18.7	16.6
26	15.8	13.7	16.5	13.7	18.7	13.2	09.9	10.0	09.9	11.9	11.4	15.9	15.9	13.7	14.6	16.3	18.2	18.6	20.1	22.4	20.6	21.4	20.3	14.7	15.7
27 D	16.8	11.8	11.0	14.9	15.0	14.9	13.8	15.6	16.3	14.9	13.7	13.0	12.2	13.2	13.7	14.8	15.5	20.1	27.9	24.9	02.1	09.2	22.1	20.6	15.3
28 D	04.3	22.0	19.0	13.0	11.0	09.9	34.9	26.8	16.3	19.4	16.6	15.3	11.3	09.9	10.3	13.3	14.5	17.6	22.8	24.1	26.4	13.3	20.6	14.0	16.9
29 D	05.0	13.6	19.4	12.7	21.8	22.7	13.6	14.0	16.8	20.9	26.4	23.2	12.6	12.2	13.6	15.3	17.8	21.8	21.7	19.4	18.2	15.4	18.6	17.3	17.3
30	13.9	08.4	14.6	13.9	16.2	22.5	14.5	13.5	14.4	12.2	13.4	17.6	14.7	10.5	12.0	15.7	19.2	20.4	21.1	20.4	19.4	17.6	16.6	13.2	15.7
31																									
Mean	14.6	14.3	14.6	14.1	15.0	14.8	15.2	14.3	13.2	13.6	14.1	13.1	12.0	11.7	13.5	16.1	18.9	21.1	22.6	22.1	20.1	18.8	18.4	16.7	16.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 15 Agincourt (Z) 56,000 γ + April 1955

Day \ Hour 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	Mean
1	205	196	183	195	184	158	172	175	181	175	160	163	181	186	186	184	184	191	198	201	207	231	235	240	191
2	235	223	211	193	175	188	189	181	193	195	187	195	189	192	193	190	193	199	206	207	211	229	226	207	200
3	201	205	210	206	198	177	168	187	196	194	193	195	192	193	196	199	196	193	193	196	205	208	216	208	197
4	204	204	202	199	198	193	194	198	199	184	166	169	186	188	189	186	183	188	200	207	207	207	217	237	196
5 D	238	217	192	201	203	189	169	189	193	189	193	189	193	189	182	184	190	193	199	205	208	207	207	207	197
6	207	207	191	191	166	169	189	191	195	191	190	180	187	189	186	182	186	190	196	199	205	211	219	225	193
7 D	223	201	145	164	188	193	189	182	189	192	192	195	194	192	192	188	189	195	204	205	211	211	217	220	195
8	209	201	196	194	195	177	157	175	195	199	199	199	196	198	195	193	193	195	199	203	204	208	205	201	195
9	198	195	196	197	192	182	187	192	189	193	193	193	193	195	193	185	183	183	189	192	199	202	200	202	193
10	199	199	196	195	194	193	192	193	193	189	181	168	157	162	169	173	182	188	193	195	201	205	208	201	186
11	206	203	200	181	168	177	177	188	193	194	192	189	189	190	187	182	184	184	189	192	195	197	199	195	190
12	194	187	191	181	198	197	194	197	195	192	184	175	184	188	188	185	183	180	187	181	191	236	222	221	194
13	219	177	183	187	180	184	197	199	198	193	193	193	195	197	195	191	192	192	198	199	205	213	220	229	198
14	210	201	199	198	199	177	167	177	184	199	201	201	201	201	199	191	193	193	197	198	199	197	197	198	195
15	193	195	196	195	195	196	193	194	192	193	194	195	195	195	193	190	190	193	196	194	195	193	193	195	194
16 Q	193	192	193	192	193	193	193	192	191	190	191	191	190	190	189	185	185	183	186	193	195	195	194	190	191
17 Q	190	192	190	189	188	187	182	180	183	183	188	184	184	183	183	181	179	181	183	188	192	193	193	192	186
18 Q	189	189	189	188	187	187	187	187	187	188	187	187	187	186	186	183	186	187	184	187	191	193	195	194	188
19 Q	190	189	188	190	187	181	187	190	189	188	188	188	187	185	183	182	181	180	181	183	187	188	187	188	186
20	187	187	186	186	186	183	158	185	193	192	191	189	187	187	187	187	184	181	185	187	193	195	198	195	187
21	190	192	189	189	186	180	183	185	183	190	191	187	182	177	172	176	177	175	177	176	189	196	195	196	185
22	193	192	182	166	157	181	192	192	192	192	192	190	187	181	181	179	183	189	193	193	199	199	195	195	187
23 Q	193	192	190	189	188	188	188	188	189	188	190	187	186	186	186	188	190	193	200	204	203	203	195	193	191
24	192	192	192	193	189	189	187	187	181	185	188	187	181	176	174	165	165	174	193	216	243	265	271	247	197
25	223	211	205	177	177	191	193	192	190	183	181	183	182	181	181	177	174	175	185	207	222	218	208	211	193
26	211	204	211	205	166	172	167	164	154	180	189	181	187	190	189	188	187	187	193	197	211	220	229	229	192
27 D	223	196	193	201	181	171	193	181	175	189	195	196	193	193	193	187	181	174	181	227	477	357	359	312	222
28 D	340	224	234	224	201	167	106	128	153	175	173	195	215	204	202	200	201	207	211	217	255	276	253	241	209
29 D	211	205	135	195	165	169	177	172	180	141	097	108	151	175	189	193	196	197	204	211	231	271	240	236	185
30	204	179	195	205	195	155	186	198	193	184	181	179	186	193	194	186	198	199	201	203	202	204	210	212	194
31																									
Mean	209	198	193	193	186	182	180	185	187	187	185	184	187	188	188	185	186	188	193	199	215	277	217	214	194

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 16 Agincourt — April 1955

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	20	43	584	14	55	520	64	21	23	26.0	01	55	1.0	25.0	21	44	255	09	27	146	109
2	03	44	576	14	42	498	78	18	22	29.7	22	02	9.3	20.4	21	45	246	04	10	163	83
3	20	15	561	14	28	492	69	16	13	23.1	12	04	9.1	14.0	22	16	216	06	23	160	56
4	21	55	589	23	53	515	74	18	58	27.4	13	00	8.1	19.3	23	36	241	10	27	150	91
5 D	20	03	573	14	07	504	69	06	05	28.8	01	28	2.1	26.7	01	08	267	06	35	153	114
6	20	46	580	15	46	514	66	04	58	28.4	01	51	-2.1	30.5	23	49	229	04	58	145	84
7 D	20	43	576	00	30	505	71	07	35	26.3	01	13	-4.4	30.7	00	27	242	02	43	128	114
8	20	01	569	15	38	513	56	17	49	24.0	13	33	8.5	15.5	00	04	229	06	25	150	79
9	21	45	579	14	55	532	47	18	52	21.4	04	00	9.9	11.5	21	45	205	17	25	181	24
10	23	28	569	16	57	523	46	12	03	23.7	13	22	11.8	11.9	23	24	219	13	10	153	66
11	21	15	572	17	13	534	38	06	13	21.8	03	33	5.6	16.2	00	02	210	04	33	163	47
12	21	23	570	02	45	527	43	21	57	25.2	02	27	1.5	23.7	23	00	223	11	34	170	53
13	21	56	613	03	03	527	86	21	49	24.8	01	55	2.7	22.1	23	24	235	01	58	128	107
14	23	07	573	06	18	527	46	19	17	21.9	08	28	7.9	14.0	00	01	217	05	43	159	58
15	22	25	576	14	42	523	53	16	25	23.4	13	19	9.6	13.8	13	35	197	15	50	186	11
16 Q	22	25	580	15	36	537	43	19	02	24.4	12	59	10.6	13.8	22	02	196	17	54	181	15
17 Q	20	53	586	15	48	527	58	19	17	24.3	09	18	9.6	14.7	20	48	196	06	56	174	22
18 Q	20	57	569	16	32	523	46	18	21	24.1	13	20	11.0	13.1	22	13	196	15	00	181	15
19 Q	23	58	587	15	17	544	43	18	48	22.6	12	47	10.5	12.1	00	16	193	05	11	176	17
20	00	37	588	16	22	528	60	06	12	35.4	06	58	10.3	25.1	21	17	198	06	22	141	57
21	21	40	585	14	10	533	52	18	50	26.3	08	53	9.1	17.2	22	23	199	14	33	171	28
22	20	13	585	15	55	534	51	18	50	23.7	04	05	5.8	17.9	20	10	201	04	22	147	54
23 Q	21	19	578	14	52	527	51	17	33	24.9	12	56	9.3	15.6	19	42	205	15	20	183	22
24	21	59	612	17	44	506	106	19	42	29.3	12	16	5.5	23.8	22	16	283	15	00	165	118
25	03	42	593	15	05	516	77	22	05	24.0	03	32	4.8	19.2	00	01	237	03	43	145	92
26	23	13	598	09	21	505	93	04	48	25.2	23	02	2.5	22.7	23	00	259	08	08	136	123
27 D	21	07	1073	18	12	495	578	18	58	34.3	21	13	-22.2	56.5	19	10	618	04	58	157	461
28 D	00	26	774	06	32	408	369	06	18	46.1	00	56	-24.9	71.0	00	29	402	06	18	54	348
29 D	21	43	588	10	59	430	158	11	05	38.0	00	17	-2.8	40.8	21	48	277	02	26	74	203
30	21	58	589	11	22	500	89	05	13	28.3	00	34	-4.0	32.3	00	32	227	05	13	137	90
31																					
Mean			605			512	93			26.9			3.9	23.0			244			152	92
No. days			30			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 1955

Day \ Hour 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	Mean
1	543	553	551	558	555	553	551	548	548	548	545	541	543	539	538	541	552	556	564	569	565	559	558	553	551
2	555	558	556	555	554	558	557	558	558	559	555	555	549	542	527	539	558	566	574	580	571	566	560	565	557
3	566	561	561	563	559	558	556	554	555	558	559	559	554	548	543	543	555	570	573	584	580	581	574	569	562
4	570	571	567	561	561	560	560	560	560	559	558	555	548	539	535	549	553	555	563	568	565	576	569	561	559
5	555	558	564	555	556	563	569	561	565	567	566	565	555	540	529	530	564	580	591	594	597	599	595	607	567
6 D	592	568	570	566	570	553	545	565	561	550	543	540	508	530	538	533	537	554	573	556	575	597	571	564	557
7 D	558	546	543	547	530	548	544	544	530	514	553	554	546	535	520	525	528	533	545	545	563	576	599	564	545
8 D	544	570	554	524	528	479	533	542	542	549	553	533	497	552	544	516	525	544	539	552	568	571	552	550	540
9	557	549	550	548	544	549	548	549	551	549	547	542	537	529	522	524	532	543	555	570	572	569	563	563	548
10	557	557	563	565	562	560	563	558	560	560	553	545	563	553	545	537	547	559	569	580	575	554	552	554	558
11	558	559	554	555	554	559	560	559	563	560	557	554	552	546	537	533	537	548	559	568	574	572	565	565	556
12	569	563	560	560	563	560	559	559	561	562	562	555	554	552	547	542	544	554	562	566	570	580	575	570	560
13	563	555	554	558	561	563	564	569	565	565	572	573	571	565	560	555	557	559	578	587	598	583	577	575	568
14	572	567	570	568	560	560	559	549	565	565	565	552	559	557	547	558	561	567	569	573	569	567	559	559	563
15	562	561	567	568	563	568	566	566	563	563	563	561	559	550	542	544	553	552	564	575	579	582	584	590	564
16	565	552	540	517	538	553	565	560	563	560	557	548	544	537	528	523	534	544	549	552	557	564	564	565	549
17 Q	564	558	562	565	560	557	562	557	552	554	557	555	552	543	534	532	539	547	557	562	562	567	573	574	556
18	569	570	569	574	570	567	567	564	566	569	569	569	563	552	541	532	549	565	570	573	581	580	575	573	566
19 Q	573	570	574	572	570	568	567	569	568	567	569	569	557	547	543	543	547	559	573	580	579	578	581	579	567
20	574	573	568	571	574	583	582	585	590	590	588	579	567	552	547	557	569	582	590	588	583	577	571	574	576
21 Q	569	570	571	573	573	574	577	579	575	575	575	573	564	552	545	555	569	575	582	584	582	577	572	569	571
22	573	575	574	572	573	573	575	575	574	577	573	571	568	562	554	554	560	563	570	578	578	577	577	573	571
23 Q	574	574	578	579	578	578	578	578	577	578	579	579	574	563	557	551	557	567	579	588	593	589	584	584	576
24 Q	579	583	579	575	573	572	569	570	573	573	575	577	568	554	543	543	545	555	570	578	577	579	579	577	570
25 D	575	575	574	575	578	578	578	577	577	576	577	575	569	559	552	568	572	584	603	599	636	651	790	710	597
26 D	677	570	540	524	506	380	406	470	453	462	547	549	539	519	506	503	509	524	537	544	547	553	560	563	520
27	552	552	554	558	557	559	559	564	559	559	559	554	539	540	532	519	555	564	576	558	609	593	603	584	561
28	556	559	554	552	548	547	519	549	554	535	537	493	542	537	532	530	528	542	554	557	564	574	584	558	546
29	567	562	563	567	567	562	559	561	554	552	557	554	549	543	537	527	539	548	559	572	584	580	567	564	558
30	562	563	563	563	565	565	566	562	562	562	560	559	557	552	543	546	552	572	587	584	580	576	582	583	565
31	581	576	571	570	570	571	571	573	573	571	575	576	574	564	548	545	549	553	563	569	572	574	578	572	568
Mean	569	564	562	560	559	554	556	559	559	558	561	557	552	546	539	539	548	558	572	572	578	578	581	574	560

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 18 Agincourt (D) West 7° + ... ' May 1955

Day \ Hour 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	Mean
1	14.2	15.7	15.6	17.1	17.9	14.6	14.8	14.4	14.3	13.7	13.3	11.9	10.2	12.4	15.3	18.1	20.3	20.2	19.0	18.5	18.1	16.6	16.9	17.1	15.8
2	17.4	17.1	16.6	16.4	15.6	15.6	16.1	15.3	14.0	13.4	12.4	11.0	10.0	12.0	15.5	21.2	22.9	22.8	21.6	19.7	19.2	18.4	16.9	16.6	16.6
3	16.7	13.3	14.9	15.9	15.6	15.1	14.1	13.3	16.1	12.3	10.0	09.2	09.8	11.7	16.0	19.8	22.3	22.9	22.3	20.0	17.4	15.9	15.8	15.9	15.7
4	16.0	16.1	16.1	15.8	15.6	15.2	14.6	14.5	13.8	13.1	12.2	10.4	10.8	13.1	16.3	20.1	21.8	20.8	21.4	21.5	21.4	19.0	18.4	16.4	16.4
5	17.7	16.9	17.4	17.5	14.7	17.0	18.8	14.4	14.0	12.7	12.1	10.7	08.6	08.1	10.3	19.2	24.3	23.9	22.3	20.3	18.6	17.3	15.7	14.5	16.1
6 D	16.9	19.7	16.4	16.0	15.8	11.9	19.5	11.1	10.5	11.4	20.3	06.8	21.0	28.4	21.2	19.1	19.1	21.1	22.3	24.7	21.6	20.1	19.8	15.5	17.9
7 D	15.2	11.4	14.4	17.5	20.6	16.3	08.5	11.4	13.5	21.0	11.7	07.4	06.9	07.5	08.9	13.0	16.7	19.9	22.3	23.2	20.5	20.4	16.2	15.2	15.0
8 D	14.1	13.6	12.8	08.0	16.3	22.8	10.1	10.5	13.8	15.4	10.2	09.2	17.7	13.2	09.2	13.5	18.2	18.0	22.7	19.3	20.0	20.6	18.4	12.5	15.0
9	15.0	16.2	13.9	13.0	16.6	17.0	14.8	19.3	15.8	13.9	12.5	11.0	10.6	12.0	12.5	16.5	18.0	21.5	22.6	21.7	20.3	20.2	20.4	18.8	16.4
10	15.7	17.6	15.2	18.4	15.7	17.9	20.3	18.9	17.0	16.5	14.9	21.3	15.3	12.7	13.3	15.3	17.6	18.6	19.3	18.5	20.0	20.8	18.9	18.0	17.4
11	16.5	16.1	15.1	14.4	14.2	14.7	15.6	17.8	14.9	13.4	12.4	11.8	11.0	11.5	13.7	18.1	21.0	21.7	21.7	20.9	19.4	18.3	17.9	16.3	16.2
12	16.2	16.4	16.7	15.3	14.6	12.0	13.6	14.3	15.2	12.9	10.6	10.6	10.9	10.9	13.5	16.8	19.1	19.8	21.2	21.2	22.1	20.3	15.8	15.9	15.7
13	13.5	15.3	14.8	15.8	15.3	14.4	14.6	14.1	13.5	11.7	08.2	05.2	04.9	05.9	09.5	13.5	16.0	20.6	21.1	21.6	19.2	19.0	18.0	16.3	14.2
14	15.1	15.2	15.1	13.3	11.6	06.4	11.0	11.9	16.3	13.8	16.3	19.9	10.9	11.0	13.2	16.3	17.9	21.0	22.7	20.3	19.3	17.9	16.3	15.3	15.3
15	14.8	14.2	11.3	15.2	13.8	15.9	16.2	15.0	14.7	14.2	12.7	12.2	11.2	11.8	13.2	16.8	18.9	21.2	21.5	20.9	18.9	17.3	15.2	14.4	15.5
16	10.4	11.3	08.2	05.8	17.0	11.0	15.0	14.0	13.7	13.5	12.7	10.1	09.9	10.7	11.5	16.4	19.6	21.5	21.0	19.7	18.3	16.8	15.2	13.9	14.0
17 Q	14.6	14.6	14.9	15.5	16.0	15.2	15.8	15.4	13.8	12.6	10.7	09.6	07.8	08.0	10.7	14.5	17.7	18.5	19.9	20.4	19.4	17.4	15.8	15.2	14.8
18	14.6	14.7	14.9	14.7	16.5	14.3	13.9	14.4	13.8	12.7	11.7	10.7	10.6	10.2	11.6	15.5	20.2	21.8	22.6	20.9	19.1	17.6	15.8	15.2	15.3
19 Q	15.1	14.8	15.2	15.2	14.5	13.5	13.4	12.8	11.5	10.7	09.5	08.1	07.3	10.1	12.8	16.2	20.0	21.2	21.4	20.3	17.9	16.1	15.2	14.4	14.5
20	14.5	14.9	13.2	10.5	13.2	12.9	12.0	11.5	10.5	09.5	07.9	07.0	08.4	10.6	12.1	15.0	18.5	19.9	19.0	17.8	16.6	15.9	15.9	14.7	13.4
21 Q	15.1	14.7	15.0	15.1	15.0	14.5	14.1	13.4	13.1	12.4	11.0	09.8	09.4	08.5	10.6	15.5	19.4	21.5	20.6	19.6	17.4	16.1	15.0	14.7	14.6
22	14.8	14.7	14.4	14.1	12.4	13.2	13.4	13.2	13.0	11.9	10.1	09.1	08.9	09.1	09.9	13.1	16.5	19.5	19.9	18.3	17.9	17.0	15.6	15.0	13.9
23 Q	14.6	14.2	14.4	14.8	14.5	14.2	13.6	13.3	13.1	12.2	10.7	09.0	09.1	10.3	11.9	14.9	18.5	21.0	21.5	21.4	19.8	17.3	15.8	15.0	14.8
24 Q	15.5	15.2	15.3	15.0	15.0	14.9	15.5	15.8	14.7	12.2	10.0	08.1	07.2	08.5	10.0	14.5	16.9	20.0	21.4	21.9	21.7	19.6	16.7	15.8	15.1
25 D	15.4	15.6	14.9	15.5	15.9	15.5	15.6	15.7	14.9	13.9	11.8	10.2	09.6	10.5	11.2	11.6	16.2	18.8	19.2	24.0	25.8	23.7	13.3	12.2	15.4
26 D	04.3	14.5	01.9	09.3	11.1	39.0	15.4	17.6	25.7	31.9	14.1	08.9	09.7	12.8	15.7	18.0	19.1	20.8	22.1	22.2	21.1	19.1	16.8	15.7	16.9
27	15.8	16.3	14.5	14.3	16.3	16.6	16.3	15.0	14.4	13.0	11.1	10.4	12.1	15.7	13.3	18.5	22.7	23.1	24.0	24.6	20.5	19.4	12.9	12.2	16.4
28	14.4	19.7	14.3	12.5	12.2	15.3	24.1	04.8	07.5	10.3	08.8	19.1	15.9	12.1	12.1	16.0	20.2	21.4	21.6	21.4	19.7	17.8	17.0	16.1	15.6
29	14.3	17.5	18.4	16.9	13.9	16.6	19.6	19.4	19.0	19.4	13.4	11.2	10.6	12.4	15.2	19.6	22.5	22.2	22.1	20.4	18.5	17.9	17.5	17.4	17.3
30	17.4	17.5	17.2	17.5	17.8	17.9	17.6	19.3	18.9	15.1	12.0	10.5	10.6	12.8	15.6	19.0	21.9	22.6	22.4	22.1	22.2	20.3	18.3	17.0	17.6
31	17.2	17.7	14.1	16.1	14.9	16.7	17.1	17.5	15.0	12.9	11.4	10.2	10.9	13.6	16.4	19.2	21.9	23.9	24.9	24.4	22.0	20.3	18.3	17.4	17.2
Mean	14.9	15.6	14.4	14.6	15.2	15.7	15.3	14.5	14.5	14.0	11.8	10.7	10.6	11.6	13.0	16.6	19.5	21.0	21.5	21.0	19.8	18.5	16.6	15.6	15.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 19 Agincourt (Z) 56,000 γ + May 1955

Day \ Hour 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	Mean
1	212	208	207	196	181	195	202	206	206	207	206	204	202	202	204	205	211	212	217	217	217	214	212	211	206
2	207	205	206	205	205	202	202	200	202	204	204	201	202	204	202	201	199	196	201	207	212	212	209	210	204
3	207	207	205	206	203	205	205	205	200	201	205	206	201	198	195	193	198	201	205	205	204	204	204	201	203
4	201	202	200	199	200	200	201	201	200	201	201	199	193	192	187	187	188	193	195	203	211	218	225	226	201
5	215	208	204	199	197	189	187	195	201	202	204	199	195	194	195	193	192	189	192	193	200	200	199	201	198
6 D	211	223	222	217	203	187	171	199	201	193	148	135	128	127	146	173	186	188	190	195	205	223	252	259	191
7 D	273	285	284	206	104	120	191	196	189	177	198	205	203	199	198	197	198	197	199	203	211	213	220	237	205
8 D	234	198	196	181	114	080	153	183	195	197	198	189	170	181	184	181	195	199	211	229	230	242	246	236	193
9	217	211	205	201	189	176	188	192	195	195	199	204	205	202	197	193	193	192	193	195	198	199	201	206	198
10	210	206	199	163	183	187	181	185	189	193	189	188	192	189	188	187	189	192	195	191	209	211	211	207	194
11	205	200	199	218	196	193	195	192	191	197	199	200	197	192	189	187	183	185	188	189	194	190	191	199	195
12	197	199	198	195	187	176	183	193	195	195	199	198	197	193	191	189	188	192	195	201	211	227	231	225	198
13	212	207	211	205	204	200	194	183	194	199	199	199	195	187	187	185	182	188	192	194	199	200	204	202	197
14	205	204	200	198	192	186	183	188	193	187	169	163	174	176	187	188	186	185	189	194	204	210	211	207	191
15	201	200	191	181	187	183	171	187	192	195	196	196	195	193	193	190	192	193	195	203	203	201	199	203	194
16	206	210	200	105	139	197	203	203	200	199	195	198	198	194	194	193	192	190	194	190	205	205	205	202	193
17 Q	199	199	199	193	197	193	183	188	193	197	198	197	195	191	182	171	186	187	190	193	195	198	200	198	193
18	198	198	195	187	181	187	189	193	193	193	194	193	193	187	186	181	181	187	189	193	198	194	193	193	191
19 Q	190	192	192	192	192	191	192	193	193	194	195	195	193	188	186	186	183	185	183	187	193	198	199	195	191
20	193	192	193	188	181	180	182	187	187	187	185	186	187	186	181	177	183	187	192	194	199	198	193	193	188
21 Q	192	193	192	192	192	192	192	191	192	193	193	193	192	183	180	181	183	193	200	204	205	200	198	194	192
22	193	193	192	192	192	192	192	192	193	193	193	193	192	188	183	179	181	183	186	187	195	198	198	194	191
23 Q	193	193	193	191	191	190	190	191	192	193	195	194	193	187	186	183	187	186	180	186	187	189	189	192	190
24 Q	188	189	188	188	189	188	186	187	187	189	193	193	192	184	184	185	185	183	185	190	193	195	195	195	189
25 D	195	192	190	189	189	187	187	187	188	187	190	189	187	189	186	179	171	168	175	1 87	210	249	345	319	202
26 D	221	277	243	203	202	086	107	117	091	091	163	195	202	196	189	183	193	195	199	206	207	206	208	208	188
27	206	207	204	198	197	198	198	197	196	196	195	193	188	190	183	189	198	195	213	225	242	252	253	225	206
28	223	181	175	181	169	128	091	161	157	151	165	154	171	182	189	197	203	203	202	202	203	205	207	207	180
29	207	209	195	191	178	162	156	177	183	185	189	190	188	190	192	193	199	196	196	199	201	204	201	199	190
30	198	195	194	193	192	187	187	183	178	183	189	190	189	187	187	187	189	188	192	195	199	198	199	199	191
31	197	199	195	196	193	187	188	183	190	193	198	195	195	192	189	187	189	193	192	193	195	199	205	202	193
Mean	210	206	202	191	184	178	182	188	189	189	192	191	190	189	188	187	190	191	195	199	204	208	214	211	195

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 20 Agincourt — May 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	19	48	573	14	02	534	39	03	58	22.5	12	38	10.0	12.5	21	42	219	04	09	173	46
2	19	37	591	14	40	519	72	16	36	23.6	12	06	9.7	13.9	21	30	213	17	02	194	19
3	21	30	586	14	58	539	47	16	45	23.7	01	51	8.7	15.0	01	40	210	15	48	180	20
4	21	20	580	13	58	530	50	16	27	22.5	12	20	10.0	12.5	23	08	234	14	35	186	48
5	23	40	625	14	55	514	111	16	42	25.9	13	43	6.7	19.2	00	01	216	06	28	181	35
6 D	21	05	616	21	33	497	119	13	39	32.6	12	00	2.6	30.0	22	50	275	12	52	110	165
7 D	22	44	617	04	29	487	130	04	22	34.7	06	20	3.9	30.8	02	11	329	05	18	78	251
8 D	01	38	593	05	36	430	163	05	45	46.6	04	04	-0.5	47.1	22	15	257	05	36	-13	270
9	20	42	578	14	43	513	65	18	26	23.9	12	40	10.2	13.7	00	07	221	05	34	168	53
10	19	39	583	15	42	529	54	03	27	26.8	02	56	10.3	16.5	21	56	215	03	23	153	62
11	18	51	579	14	54	529	50	18	05	22.7	12	26	10.7	12.0	00	20	205	17	40	181	24
12	21	57	591	15	36	537	54	20	11	22.8	11	07	9.3	13.5	22	15	237	05	21	171	66
13	20	49	614	17	23	550	64	19	15	22.5	12	35	3.3	19.2	21	27	219	07	10	176	44
14	21	10	585	11	25	539	46	18	14	23.8	05	16	2.2	21.6	22	10	213	11	25	152	61
15	23	22	595	14	55	539	56	17	50	22.0	02	32	8.8	13.2	19	40	205	03	07	174	31
16	00	09	590	03	34	481	109	04	12	38.4	03	43	-2.0	40.4	02	17	220	04	01	2	218
17 Q	23	39	579	15	28	530	49	19	48	20.7	12	42	7.3	13.4	00	13	204	16	07	181	23
18	20	41	591	15	17	519	72	18	20	23.3	14	05	10.2	13.1	20	38	199	04	25	175	24
19 Q	19	05	584	15	52	538	46	18	06	21.7	12	24	6.2	15.5	21	55	199	18	23	181	18
20	10	05	596	14	10	546	50	17	26	20.6	10	50	5.6	15.0	21	32	201	14	50	175	26
21 Q	20	22	588	14	13	539	49	17	21	21.8	13	18	8.2	13.6	20	21	205	14	51	177	28
22	20	30	584	14	59	551	33	18	40	21.6	11	54	8.6	13.0	21	35	198	15	20	177	21
23 Q	20	20	595	15	14	542	53	17	59	22.4	11	58	8.8	13.6	09	52	195	18	27	177	18
24 Q	21	59	589	14	58	537	52	20	13	22.8	12	10	7.0	15.8	21	58	199	17	38	181	18
25 D	22	49	981	14	37	525	456	23	03	68.7	22	49	-26.7	95.4	22	30	395	19	04	158	237
26 D	00	20	820	06	08	216	604	05	59	57.7	02	55	-15.5	73.2	00	13	332	05	27	-22	354
27	22	51	626	15	44	510	116	19	25	27.7	22	47	5.0	22.7	22	34	269	14	43	180	89
28	22	21	595	11	48	472	123	06	00	32.5	07	18	-0.6	33.1	00	53	231	06	01	51	180
29	20	59	591	15	33	514	77	07	06	24.5	04	10	7.5	17.0	00	10	211	06	12	146	65
30	19	17	594	14	55	538	56	17	41	23.0	11	43	10.4	12.6	22	25	202	08	02	175	27
31	00	28	590	15	24	540	50	18	54	25.7	12	02	8.6	17.1	22	43	207	07	12	179	28
Mean			613			512	101			28.1			5.0	23.1			230			147	83
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 1955

Day \ Hour 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	Mean
1	578	577	569	569	571	575	572	576	574	572	571	569	556	547	542	534	539	552	575	587	590	587	582	576	568
2	572	575	577	579	575	574	569	561	562	569	569	570	561	565	567	559	551	549	554	562	570	579	582	579	568
3	572	576	569	565	566	567	571	561	567	566	570	567	559	552	554	556	570	579	579	595	580	591	582	585	571
4	582	579	582	578	578	574	571	564	559	560	560	559	560	546	537	539	544	561	576	586	586	574	580	579	568
5 Q	577	576	572	570	570	573	574	571	566	562	567	565	555	539	534	550	570	586	592	584	579	576	580	577	569
6	575	572	576	574	572	575	580	577	574	578	576	570	560	551	547	556	565	595	613	623	600	591	605	584	579
7	562	567	582	568	572	576	577	573	571	567	574	572	560	546	545	567	576	582	590	600	605	600	600	582	574
8 D	572	572	571	536	511	539	569	580	580	575	576	570	556	535	530	574	566	571	577	589	590	587	577	574	564
9	575	571	570	570	567	567	566	560	557	564	561	554	554	567	571	575	582	593	591	586	585	569	576	585	572
10 Q	580	576	577	577	575	575	580	580	580	577	567	566	566	567	562	562	562	575	580	575	579	580	582	582	574
11	579	575	572	571	566	569	570	569	575	584	590	582	575	572	570	572	567	569	561	566	572	580	587	599	575
12	582	582	577	576	579	580	570	573	581	575	578	575	567	572	570	554	551	555	566	581	592	592	585	584	575
13	565	566	565	570	571	571	573	584	579	579	577	579	567	567	564	579	571	566	595	602	595	592	586	584	577
14	584	586	587	589	595	590	590	584	581	586	571	569	569	575	564	552	554	559	572	584	586	592	595	587	579
15 D	584	585	559	594	572	576	582	574	554	572	566	554	547	551	562	552	552	556	574	602	601	594	595	576	572
16 D	571	569	565	571	576	579	579	572	572	556	547	551	551	557	555	540	554	571	581	584	591	590	582	586	569
17	579	571	576	567	566	574	571	567	577	576	566	558	565	558	541	545	549	560	580	595	591	598	584	584	571
18	582	582	577	572	562	576	576	574	571	572	577	575	566	564	565	566	574	586	592	597	592	592	586	582	577
19	577	584	561	565	576	572	580	571	572	576	577	574	569	563	559	557	571	586	592	587	582	580	581	578	575
20	576	579	579	575	577	581	577	576	575	579	584	585	581	574	562	551	551	570	587	586	584	584	577	579	576
21 Q	582	574	572	576	576	576	576	571	569	569	574	577	567	560	553	554	559	565	576	586	584	590	585	585	573
22	577	582	584	585	584	584	582	584	585	589	596	605	596	582	567	562	574	587	596	605	611	612	605	597	591
23 D	591	580	583	584	585	587	581	585	585	582	586	587	582	578	574	562	556	567	574	577	610	619	596	607	584
24 D	567	550	550	555	564	570	570	554	555	575	579	563	565	546	546	548	550	574	587	589	596	570	575	581	566
25	576	581	575	574	564	564	561	569	571	559	548	541	559	556	545	540	545	555	568	581	584	585	584	580	565
26 Q	575	575	575	568	570	576	576	576	573	575	573	565	560	555	546	541	550	564	584	594	599	594	578	573	571
27	576	570	566	571	578	575	573	572	563	558	559	566	560	564	553	545	548	563	576	583	585	585	583	580	569
28	579	569	573	579	586	578	571	575	575	578	573	573	566	561	568	566	567	574	585	591	598	595	585	575	577
29	575	572	573	573	576	575	579	575	570	574	570	573	574	565	564	566	576	596	609	591	590	591	580	589	579
30 Q	590	581	575	578	577	576	573	572	573	573	572	570	569	567	559	554	561	575	584	584	589	589	584	587	576
31																									
Mean	577	575	573	573	572	574	575	573	572	573	572	570	565	560	556	556	560	571	582	589	590	589	585	583	574

65097-8—44

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 22 Agincourt (D) West 7° + ... ' June 1955

Day \ Hour 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	Mean
1	17.3	16.2	15.5	13.6	14.9	16.0	15.6	14.7	13.7	12.3	11.4	09.9	09.5	09.9	13.1	17.7	22.6	27.5	26.1	23.5	21.9	20.0	18.8	17.5	16.6
2	14.3	16.4	17.0	16.9	16.3	15.2	14.2	16.0	18.2	13.2	06.1	05.9	08.1	11.4	12.0	14.2	17.2	20.2	21.0	21.0	20.7	19.1	17.9	16.4	15.4
3	17.3	16.4	15.1	13.6	15.5	15.5	15.8	18.6	15.3	13.5	11.7	10.6	10.7	12.8	12.5	15.4	18.7	20.5	22.6	20.6	20.8	18.1	17.2	16.9	16.1
4	17.1	17.1	17.0	16.8	14.0	15.9	12.6	08.2	10.9	10.7	09.8	06.7	09.1	11.7	14.4	17.9	20.6	23.2	24.6	23.8	22.5	19.7	17.6	17.1	15.8
5 Q	17.2	18.0	18.7	17.7	16.8	16.0	15.9	14.4	14.1	14.0	10.6	09.0	09.7	12.6	15.3	18.8	20.6	21.8	22.3	23.5	21.0	18.8	17.1	16.8	16.7
6	16.3	16.9	16.8	16.4	15.9	15.4	16.1	15.2	13.3	11.6	10.7	11.2	09.6	10.8	14.7	18.3	20.8	20.4	22.6	24.6	25.8	21.9	19.1	17.7	16.8
7	19.2	18.8	17.4	15.0	17.1	17.4	16.1	16.0	13.3	12.9	11.1	08.8	08.1	10.2	14.0	15.6	18.0	19.9	21.7	21.4	19.5	18.9	17.0	16.5	15.9
8 D	15.1	16.8	14.4	13.3	10.0	08.0	11.0	12.2	13.9	10.2	07.4	05.3	08.8	12.3	21.5	22.1	18.8	22.7	21.6	20.3	19.1	17.3	15.9	15.2	14.7
9	16.6	16.3	16.6	16.2	16.8	16.1	13. 3	13.1	16.6	18.5	13.0	11.4	12.4	12.6	11.6	12.0	13.3	15.3	17.1	18.5	19.7	21.4	19.8	18.1	15.7
10 Q	17.4	18.9	17.4	16.0	16.0	15.2	16.0	13.3	15.3	13.8	13.2	12.3	12.3	12.8	14.2	15.6	19.7	21.7	20.4	20.8	20.5	20.7	19.2	16.0	16.6
11	15.7	15.9	16.3	15.7	15.6	15.9	15.9	16.5	18.4	14.3	09.2	08.5	06.4	07.3	09.1	13.8	15.8	17.4	21.3	20.6	20.5	19.8	17.2	14.7	15.1
12	14.9	13.7	13.7	15.5	13.9	06.9	11.5	10.4	12.4	11.4	09.5	11.4	15.1	10.0	12.4	14.7	16.4	18.8	19.3	18.8	17.6	17.1	16.8	15.6	14.1
13	15.8	15.9	15.9	16.3	16.7	16.8	17.0	20.3	17.7	15.2	15.0	12.2	10.9	13.8	21.9	18.6	16.0	20.1	21.9	19.5	17.5	15.9	16.0	14.7	16.7
14	16.0	14.9	15.1	14.6	14.5	13.6	14.9	14.5	17.6	11.4	15.5	13.4	14.7	10.2	10.8	13.3	16.5	20.3	20.4	20.5	19.3	16.1	15.3	15.4	15.4
15 D	15.4	15.0	06.6	13.2	09.0	14.8	19.4	19.5	28.6	16.9	11.2	12.9	08.2	12.1	14.5	16.1	20.0	22.8	24.8	22.8	20.2	17.9	16.7	14.6	16.4
16 D	13.3	10.2	13.6	13.8	12.7	19.1	18.5	22.1	17.5	18.7	22.3	19.5	19.2	14.4	15.7	16.3	18.7	19.7	19.1	19.4	17.9	16.9	16.5	15.9	17.1
17	15.9	13.7	13.2	14.8	17.4	15.6	14.6	18.7	16.3	12.6	15.6	15.9	12.5	11.0	13.1	17.5	20.5	21.2	19.1	18.4	18.3	16.6	15.4	14.8	15.9
18	15.7	16.2	16.1	13.8	13.8	19.4	15.9	16.8	21.8	21.9	12.6	08.7	09.6	10.9	13.6	18.6	21.4	22.5	22.3	22.5	19.5	17.6	16.0	14.8	16.8
19	15.8	15.2	11.1	11.6	14.7	13.5	14.7	14.7	17.1	15.3	10.5	09.9	09.1	11.0	13.8	17.5	20.8	22.7	22.4	21.4	20.4	17.9	16.6	15.7	15.6
20	15.7	16.2	15.7	16.4	15.3	16.1	18.0	16.6	15.3	13.5	11.2	08.9	06.4	07.9	11.6	17.1	18.6	23.6	23.0	21.7	20.4	18.9	17.1	16.0	15.9
21 Q	15.6	13.0	14.3	15.8	17.0	16.6	15.8	16.1	15.8	14.8	12.4	10.0	09.3	11.1	14.8	17.0	19.0	19.8	20.8	20.2	20.4	19.7	18.7	17.0	16.0
22	16.1	16.4	16.7	16.2	16.1	16.0	15.8	15.2	14.5	12.9	09.8	06.6	07.0	11.2	12.0	15.2	19.8	21.4	22.7	23.9	23.1	20.9	18.1	12.9	15.8
23 D	15.2	15.8	15.6	14.7	15.3	13.8	16.9	13.3	13.4	11.9	09.2	06.5	05.2	05.5	07.5	12.3	17.8	21.7	23.3	24.1	20.4	19.4	19.3	20.4	14.9
24 D	16.3	12.6	10.7	07.7	09.8	10.1	12.2	12.7	11.2	07.9	06.1	03.0	04.2	08.7	14.5	17.3	22.7	25.4	23.2	20.5	19.6	20.3	18.0	16.7	13.8
25	16.7	08.9	14.9	13.0	13.8	13.5	14.4	09.6	11.8	13.9	16.8	19.4	10.2	07.9	11.1	15.8	19.4	21.7	22.2	19.9	19.3	19.0	16.8	15.6	15.2
26 Q	15.6	15.2	14.2	11.8	14.1	16.1	15.6	14.8	14.3	13.4	12.0	11.1	12.1	13.4	15.2	20.3	23.8	24.7	24.8	23.0	21.3	20.2	17.5	17.0	16.7
27	16.5	17.3	17.0	16.5	15.6	15.6	15.0	13.9	11.5	12.4	07.8	06.7	07.4	09.4	12.2	16.9	19.8	21.9	21.1	19.9	18.6	17.7	17.2	17.0	15.2
28	16.2	15.2	16.5	16.5	14.3	14.6	13.3	14.6	13.9	12.6	10.0	09.7	09.3	10.0	13.5	17.4	20.2	22.0	20.7	18.5	16.5	16.4	16.7	13.4	15.1
29	14.5	16.1	16.9	16.3	15.3	14.8	14.3	14.8	13.8	12.4	10.2	11.5	11.0	11.3	13.7	18.6	19.4	21.3	20.0	19.3	17.5	16.4	16.1	15.8	15.5
30 Q	17.1	16.7	17.0	16.7	16.5	15.7	14.8	14.6	13.8	12.8	10.9	10.6	10.7	10.9	12.5	16.4	19.3	19.9	18.2	18.3	17.5	17.0	17.0	17.0	15.5
31																									
Mean	16.1	15.5	15.2	14.9	14.8	15.0	15.2	15.0	15.4	13.6	11.5	10.2	09.9	10.8	13.6	16.7	19.2	21.4	21.7	21.0	19.9	18.6	17.3	16.1	15.8

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

Table 23 Agincourt (Z) 56,000 γ + June 1955

Day \ Hour 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	Mean
1	205	205	205	205	207	204	201	200	199	199	200	195	195	194	193	189	187	192	194	198	202	202	203	201	199
2	199	199	196	196	195	192	187	181	176	183	187	187	183	183	184	183	183	189	194	200	205	199	199	199	191
3	198	198	198	195	193	193	193	188	189	195	199	195	198	194	193	191	189	187	189	199	200	204	199	196	195
4	195	196	194	194	189	187	159	156	163	175	183	188	193	186	181	180	183	188	193	195	202	204	201	199	187
5 Q	200	201	200	199	195	193	192	194	192	193	193	194	189	187	175	168	176	181	189	194	200	201	201	198	192
6	195	194	193	193	189	187	186	184	189	192	189	186	183	185	183	177	176	181	192	210	213	219	225	229	194
7	219	216	204	189	202	198	196	193	194	197	196	195	192	187	189	187	186	186	188	189	193	192	198	204	195
8 D	207	202	195	127	104	147	175	181	175	180	188	187	186	186	179	175	177	182	188	194	201	200	210	206	181
9	200	194	193	193	193	190	186	182	186	181	189	193	192	189	182	175	177	186	192	193	195	194	198	200	190
10 Q	200	199	195	194	193	189	187	179	186	187	188	189	188	186	187	185	181	183	186	188	193	196	199	199	190
11	198	195	195	193	193	193	189	188	181	180	186	183	180	181	181	185	183	183	183	183	190	198	205	205	189
12	204	200	200	198	186	165	162	169	169	163	178	187	183	179	181	183	187	183	186	194	201	205	205	207	186
13	202	199	195	193	193	190	192	181	180	190	193	194	191	192	180	179	175	181	189	187	190	195	199	201	190
14	198	198	195	192	191	186	183	174	160	175	161	163	170	169	165	175	181	182	183	192	199	201	199	195	193
15 D	194	195	198	165	181	189	163	145	103	147	163	169	175	181	186	181	181	177	186	192	196	198	199	207	178
16 D	209	199	180	174	180	164	159	156	159	157	157	156	167	177	182	178	181	182	184	190	199	200	199	198	179
17	195	199	192	184	165	159	177	173	183	189	161	175	181	184	186	188	187	184	190	195	205	207	205	202	187
18	195	195	192	189	180	172	184	183	169	151	163	177	181	183	187	188	189	193	188	188	196	195	195	196	185
19	194	194	193	189	187	186	181	181	189	187	192	191	189	186	181	177	183	183	183	186	189	193	196	196	188
20	193	193	193	192	187	184	186	187	189	193	195	192	193	189	187	180	171	178	176	183	187	192	193	193	188
21 Q	195	198	195	193	189	187	186	187	187	192	193	193	192	187	181	179	179	183	183	184	186	187	193	195	189
22	195	193	190	190	187	186	186	186	186	189	192	186	183	183	183	183	185	168	177	187	193	199	199	201	187
23 D	202	199	195	189	156	135	151	172	183	189	187	187	188	187	178	173	175	175	177	183	205	226	224	237	188
24 D	249	240	217	213	207	193	203	169	144	176	203	193	129	183	188	189	191	189	183	190	199	198	199	205	196
25	204	187	187	187	187	186	183	149	153	157	167	171	184	189	187	186	193	199	192	189	194	194	194	194	184
26 Q	194	193	192	188	191	193	193	190	192	193	192	193	193	193	193	188	192	193	194	193	195	199	204	201	193
27	201	198	198	194	187	186	187	176	179	186	187	193	192	189	189	184	177	183	187	194	199	198	198	194	190
28	193	195	194	193	175	158	177	187	189	189	189	172	187	186	187	186	187	182	177	183	188	191	194	196	186
29	198	193	191	192	188	183	180	181	187	189	189	192	188	187	187	186	187	187	191	187	187	189	188	190	188
30 Q	193	193	195	194	193	189	189	188	188	187	189	190	188	187	189	188	177	169	176	177	180	182	187	188	187
31																									
Mean	201	199	195	190	185	182	182	179	177	182	186	186	187	185	184	182	182	184	186	191	196	198	200	201	188

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 24 Agincourt June 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	20	53	594	15	53	528	66	17	31	29.9	11	35	8.1	21.8	02	40	209	15	53	186	23
2	23	09	593	16	51	545	48	19	48	22.5	11	55	4.3	18.2	20	17	205	08	34	169	36
3	19	34	605	13	56	545	60	18	32	22.6	11	41	10.1	12.5	21	35	206	08	03	182	24
4	20	46	596	14	23	533	63	18	07	25.3	07	33	6.0	19.3	20	44	207	06	57	139	68
5 Q	18	50	597	14	35	524	73	19	30	23.9	11	09	8.9	15.0	21	40	202	15	23	165	37
6	19	33	659	14	16	544	115	20	11	29.2	12	40	9.1	20.1	23	29	235	16	23	175	60
7	22	11	608	14	21	541	67	02	52	24.3	12	28	5.7	18.6	00	01	225	03	17	176	49
8 D	22	09	612	04	38	485	127	04	36	26.1	04	45	-0.5	26.6	22	08	212	04	17	70	142
9	17	42	598	11	53	550	48	09	07	22.8	14	39	10.5	12.3	00	01	203	15	11	171	32
10 Q	00	09	593	15	03	554	39	17	28	22.2	13	15	11.4	10.8	00	07	204	16	42	177	27
11	23	16	605	18	47	552	53	18	43	22.3	12	36	4.8	17.5	23	52	208	08	48	175	33
12	23	06	604	16	13	549	55	17	48	20.1	05	38	2.6	17.5	23	01	211	05	45	157	54
13	20	04	606	14	38	554	52	17	57	24.1	12	35	10.1	14.0	00	09	205	07	45	172	33
14	22	27	600	15	46	546	54	19	29	22.2	13	46	8.4	13.8	21	32	204	10	33	145	59
15 D	19	40	616	02	45	529	87	07	58	33.5	02	51	0.0	33.5	23	42	213	08	25	91	122
16 D	21	07	615	11	09	530	85	11	10	24.8	01	47	7.8	17.0	00	20	214	11	08	137	77
17	22	07	608	14	30	534	76	17	27	22.8	13	53	9.9	12.9	22	00	211	04	58	151	60
18	19	13	608	04	20	559	49	19	16	27.9	11	48	7.4	20.5	00	04	199	09	39	145	54
19	01	40	593	02	56	539	54	17	48	23.0	03	00	4.2	18.8	23	06	199	07	00	172	27
20	18	29	595	15	46	546	49	17	48	26.3	12	10	5.7	20.6	00	33	197	16	20	169	28
21 Q	21	35	598	15	16	548	50	18	31	21.2	11	55	9.2	12.0	00	31	199	16	23	175	24
22	21	52	623	15	06	549	74	19	49	25.8	12	15	2.4	23.4	23	15	204	17	08	165	39
23 D	21	01	640	19	21	540	100	19	20	27.6	13	21	3.6	24.0	23	58	243	05	43	127	116
24 D	20	43	614	13	52	525	89	17	23	26.3	11	31	-0.4	26.7	00	26	258	08	20	122	136
25	19	36	600	11	04	528	72	18	25	22.8	07	55	2.5	20.3	00	30	205	07	51	126	79
26 Q	21	05	601	15	13	540	61	18	31	25.6	03	22	9.7	15.9	22	20	206	03	28	185	21
27	20	41	590	15	55	538	52	17	38	22.5	10	51	6.0	16.5	20	40	202	07	40	171	31
28	20	53	604	13	38	558	46	17	44	22.4	13	05	8.2	14.2	23	50	199	05	01	144	55
29	18	57	614	14	12	558	56	17	33	22.5	10	32	9.1	13.4	00	15	199	06	57	175	24
30 Q	00	40	597	15	28	550	47	17	01	21.1	11	06	10.4	10.7	01	15	196	17	40	169	27
31																					
Mean			606			541	65			24.4			6.5	17.9			209			156	53
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 1955

Day \ Hour 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	Mean
1	590	582	581	584	586	591	586	582	579	580	581	574	571	566	565	559	562	571	586	600	605	595	591	596	582
2 D	591	595	590	580	585	591	592	596	593	592	590	589	584	569	562	571	576	576	601	635	626	578	574	583	588
3	569	557	553	556	537	548	554	563	562	560	563	563	554	546	530	534	536	545	564	572	581	585	581	580	558
4 Q	579	576	575	572	571	571	574	573	577	578	579	573	568	560	552	552	552	559	567	576	585	585	583	577	572
5 Q	578	579	579	577	575	575	575	574	571	578	579	575	565	556	549	558	550	561	571	580	597	590	586	588	573
6	586	581	578	579	580	576	578	577	574	577	581	582	579	572	562	544	547	565	587	600	612	619	604	578	580
7	588	576	564	553	555	560	573	566	571	571	570	564	555	549	548	549	549	570	578	585	585	586	579	582	568
8	580	578	580	570	569	565	570	575	583	570	574	576	565	564	571	566	554	581	605	599	601	600	589	581	578
9	579	581	580	579	583	584	584	580	576	578	578	573	578	564	545	544	556	566	575	579	583	586	594	583	575
10	571	576	575	579	574	575	574	578	576	571	575	569	559	569	553	549	555	570	567	571	589	599	584	575	572
11 D	573	568	569	560	569	573	574	579	568	560	564	567	551	549	563	574	561	566	573	594	593	604	596	597	573
12 D	575	541	556	568	568	568	575	584	565	555	558	522	524	529	527	534	538	547	569	578	594	600	598	568	560
13	550	565	564	566	568	574	568	570	571	573	573	575	568	564	550	541	558	571	583	589	586	585	583	579	570
14	573	570	573	571	574	572	579	574	576	569	574	574	573	568	570	568	569	579	586	596	594	586	581	581	575
15 D	583	584	584	583	579	576	579	581	579	581	586	584	577	574	577	574	585	591	587	590	589	570	577	586	582
16	595	562	567	575	571	567	575	567	563	575	575	570	566	553	545	545	557	571	587	607	595	583	583	580	572
17	575	579	582	577	573	563	562	575	575	577	569	563	554	550	548	550	562	579	595	603	603	591	579	574	573
18	579	582	586	586	574	561	562	552	573	573	571	566	565	562	553	548	555	571	587	600	604	601	591	586	575
19 Q	580	576	576	575	575	576	576	579	576	579	581	564	565	555	549	547	556	568	583	591	595	591	585	585	575
20	581	580	582	583	581	581	581	580	577	579	581	577	568	560	553	558	568	580	596	602	598	594	589	586	580
21 Q	587	586	581	584	583	583	587	589	590	590	593	596	589	575	562	552	560	576	594	607	601	599	583	575	584
22	581	583	583	581	586	581	578	579	576	577	580	578	570	558	550	554	570	576	584	591	590	600	599	591	579
23	569	565	580	583	585	587	588	585	577	572	570	573	569	561	552	550	567	593	610	608	609	600	603	595	581
24	565	584	593	598	579	588	589	580	575	576	576	572	570	563	552	546	545	550	561	570	583	592	595	593	575
25	588	587	579	574	583	583	584	578	575	571	574	578	572	565	560	558	567	589	600	603	601	598	593	588	581
26 D	580	575	582	578	577	568	580	584	595	593	588	593	580	564	552	549	565	574	583	596	594	590	580	598	580
27	580	578	588	579	577	575	573	575	574	579	583	582	578	565	560	554	561	569	577	584	586	589	590	589	577
28 Q	585	588	586	589	584	582	580	581	574	579	579	574	565	557	554	550	555	562	570	583	584	585	584	582	576
29	579	580	578	579	581	583	582	580	578	576	580	577	568	559	553	558	569	581	590	587	612	593	581	579	579
30	583	585	585	585	585	581	583	580	576	574	578	578	573	568	560	557	564	576	588	589	599	594	586	583	581
31	596	572	580	579	574	572	584	577	576	574	574	573	566	557	555	564	576	588	589	594	592	591	588	582	578
Mean	580	577	578	577	576	575	577	577	577	576	577	574	577	560	554	553	560	572	584	593	596	593	587	584	576

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 26 Agincourt (D) West 7° + ... ′ July 1955

Day \ Hour 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	Mean
1	16.4	14.5	15.2	16.5	15.6	14.6	14.6	13.3	13.4	12.1	10.0	08.9	08.6	10.0	12.8	17.1	22.6	24.9	23.8	22.1	20.7	19.8	19.2	18.0	16.0
2 D	16.8	15.7	14.8	15.4	16.0	15.6	15.3	15.6	13.0	11.9	10.0	08.2	05.4	05.5	09.0	15.5	21.5	23.5	23.3	23.3	27.2	21.9	19.7	18.0	15.9
3	17.8	16.6	15.4	21.3	08.5	09.4	12.5	13.1	14.9	19.3	13.4	10.1	09.3	10.0	11.5	17.7	22.1	24.8	25.9	25.6	23.4	22.1	20.4	17.6	16.8
4 Q	15.9	15.2	15.2	14.5	14.6	14.6	16.7	17.4	19.2	15.6	13.0	11.6	11.2	11.2	11.9	14.8	18.4	22.4	24.7	25.1	23.5	21.6	19.2	17.4	16.9
5 Q	16.5	16.5	14.9	15.9	15.4	15.9	15.9	15.9	14.8	14.3	13.9	11.1	10.6	10.4	12.3	15.6	20.2	23.3	24.2	24.3	23.4	22.5	21.1	19.1	17.0
6	16.9	16.9	17.0	17.3	16.3	15.1	15.8	14.9	13.8	13.5	10.7	08.7	07.6	08.0	09.8	12.7	18.4	22.4	24.6	25.2	23.7	20.7	20.9	19.7	16.3
7	14.8	12.6	03.2	05.4	05.4	08.9	14.2	15.1	16.4	14.6	12.3	10.0	09.3	11.0	13.7	19.1	21.2	21.7	22.5	22.8	20.9	19.3	16.9	15.2	14.5
8	16.1	16.6	16.5	10.9	14.5	16.0	17.2	20.0	15.0	15.1	12.9	08.3	10.5	11.8	12.6	16.3	18.8	23.8	21.1	23.0	21.4	18.2	16.5	16.4	16.3
9	16.3	16.8	16.6	16.0	16.0	14.7	15.9	15.5	15.5	14.6	14.2	13.7	08.1	09.6	12.3	16.0	18.7	22.1	23.5	23.2	21.9	21.4	18.5	15.8	16.5
10	16.8	17.8	17.8	16.4	14.0	15.7	14.9	15.9	15.9	17.3	13.2	12.0	15.5	13.2	14.5	17.1	21.1	19.2	20.2	21.2	18.8	16.3	15.2	15.5	16.5
11 D	14.5	12.0	13.6	13.3	15.5	15.5	15.5	16.6	14.8	15.6	12.4	08.9	08.7	14.2	17.9	15.6	16.4	20.2	20.9	21.5	21.1	20.0	17.5	16.0	15.7
12 D	07.1	05.2	14.8	16.4	16.5	15.9	16.4	14.1	15.3	16.3	23.9	25.4	26.4	23.6	22.3	23.2	23.2	22.4	20.3	18.6	17.5	13.9	13.5	16.3	17.8
13	12.6	12.9	15.6	15.9	14.4	13.6	17.1	17.5	17.0	16.2	13.9	10.5	09.5	08.0	08.8	13.6	19.1	19.2	20.9	19.6	18.1	17.2	16.5	16.6	15.2
14	15.9	16.4	15.6	15.5	15.0	13.2	11.6	17.2	15.2	18.0	16.8	11.9	10.8	11.8	13.1	15.5	16.3	20.1	20.1	18.7	19.1	18.4	17.2	16.9	15.8
15 D	16.8	16.4	16.8	16.1	16.3	16.1	15.4	15.0	14.4	13.1	11.6	09.9	08.3	10.3	11.8	16.3	19.1	19.1	20.3	20.5	19.5	19.8	17.5	16.0	15.7
16	14.4	06.6	09.8	11.4	15.5	14.7	15.2	16.4	17.5	17.6	14.0	13.2	13.2	10.7	12.6	16.3	20.0	22.2	23.7	22.0	21.6	19.0	16.8	15.8	15.8
17	16.4	16.6	16.0	14.7	08.1	10.1	16.4	18.6	18.5	15.5	11.4	10.0	10.3	11.0	12.5	19.0	22.3	23.3	23.1	22.0	20.6	18.8	17.3	16.6	16.2
18	16.9	17.0	16.9	15.9	16.5	13.3	16.9	12.1	20.0	14.0	12.0	11.4	12.8	13.1	14.8	17.8	20.4	21.2	20.9	20.3	19.4	18.1	16.7	16.2	16.5
19 Q	16.3	16.9	16.2	15.8	16.2	17.6	16.7	16.6	16.2	15.3	12.6	09.4	09.1	08.8	11.2	16.5	20.8	23.2	24.7	24.6	22.3	19.5	17.3	17.0	16.7
20	17.1	17.7	17.0	17.2	16.7	15.7	15.8	16.4	16.2	14.0	11.7	10.0	11.1	11.7	13.6	19.9	23.5	24.6	25.5	25.9	24.6	22.9	19.8	17.7	17.8
21 Q	16.6	16.6	17.2	16.0	16.8	17.2	17.4	17.2	16.5	15.5	13.3	11.1	10.2	09.5	11.7	18.3	23.4	26.4	26.9	25.4	23.6	21.3	19.1	18.0	17.7
22	17.3	17.7	17.3	15.3	14.2	15.2	17.1	16.6	16.1	15.4	13.5	11.7	09.3	08.8	10.1	14.0	20.4	24.1	15.7	24.5	23.2	20.4	17.6	15.7	16.7
23	16.7	16.3	16.6	17.3	17.3	16.6	15.7	16.6	15.3	14.4	12.9	10.2	07.9	10.0	12.6	17.7	20.4	21.3	22.3	22.6	21.3	21.0	19.1	20.0	16.8
24	18.7	17.3	16.6	16.4	16.1	15.2	15.3	14.3	15.6	17.5	12.9	10.1	07.4	07.3	10.2	14.2	19.6	23.1	24.0	23.1	21.8	20.3	18.8	18.4	16.4
25	18.7	18.0	16.9	17.8	17.6	15.4	13.1	14.9	14.7	14.1	12.4	10.7	10.8	11.7	14.7	18.7	23.1	24.5	22.6	20.7	18.8	17.3	17.0	16.6	16.7
26 D	17.7	17.8	17.5	17.5	16.6	13.8	15.7	13.5	11.1	09.2	07.6	05.6	05.5	07.8	12.1	16.0	19.1	21.1	22.8	23.1	22.6	17.9	16.6	16.6	15.2
27	16.1	16.3	15.3	17.6	17.5	16.6	16.5	15.7	14.6	13.4	11.1	09.3	09.4	11.5	13.0	15.7	17.3	18.1	19.4	21.1	21.1	19.9	19.3	18.5	16.0
28 Q	17.8	17.0	17.0	16.5	16.5	15.1	15.1	16.5	16.1	15.5	14.1	12.3	10.2	10.5	13.3	18.0	21.8	24.5	24.2	22.1	20.4	19.0	18.0	17.1	17.0
29	16.7	12.7	13.9	15.7	16.5	18.0	18.7	16.7	15.2	13.5	11.0	09.2	08.1	08.9	11.8	15.4	19.7	23.4	25.5	25.5	22.4	20.9	18.9	16.8	16.4
30	17.4	17.5	17.5	16.8	16.7	16.3	15.1	12.8	12.2	12.6	10.6	08.6	08.9	09.3	11.7	16.1	19.8	22.6	23.9	23.1	22.1	19.9	18.7	18.1	16.2
31	17.9	15.5	16.7	16.8	16.7	16.3	17.1	15.6	15.2	14.2	13.0	11.7	10.2	12.3	15.3	18.2	18.9	20.5	22.0	21.7	20.0	18.7	17.1	16.4	16.6
Mean	16.3	15.5	15.5	15.7	15.1	14.9	15.7	15.7	15.5	14.8	12.8	10.8	10.1	10.7	12.8	16.7	20.2	22.3	23.0	22.6	21.5	19.6	18.0	17.1	16.4

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 27 Agincourt (Z) 56,000 γ + July 1955

Day \ Hour 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	Mean
1	192	193	192	191	191	180	164	180	185	192	192	192	192	188	183	185	186	180	173	180	180	181	186	191	185
2 D	191	191	192	194	194	188	188	182	188	187	188	185	181	177	175	172	180	180	228	272	279	241	224	216	200
3	213	217	225	146	167	170	166	182	195	192	189	195	195	192	191	192	188	192	198	203	204	204	206	206	192
4 Q	204	198	194	192	193	191	188	186	190	196	198	197	194	198	198	198	196	192	186	187	198	198	198	199	195
5 Q	198	197	194	194	194	193	192	194	194	196	196	195	198	197	198	188	186	186	187	188	192	200	200	200	194
6	200	198	194	194	191	182	182	186	186	192	195	194	194	198	193	188	186	176	179	179	180	191	195	197	190
7	195	202	199	176	179	181	180	183	190	192	194	197	193	193	194	193	191	194	198	199	198	200	204	200	193
8	194	192	192	187	187	187	182	180	182	176	181	182	180	180	182	183	179	176	181	188	186	192	200	197	185
9	188	188	191	192	191	188	188	187	190	191	186	175	175	180	183	174	182	187	191	192	197	194	194	194	188
10	194	192	188	188	181	182	183	185	183	177	180	182	177	183	181	183	183	187	197	203	204	208	209	206	189
11 D	205	192	180	192	194	191	185	164	157	140	149	168	174	174	174	180	186	190	191	193	194	198	198	202	182
12 D	208	194	198	194	194	193	191	168	139	134	138	144	145	150	163	174	176	185	196	216	230	248	238	234	185
13	221	205	199	198	191	186	192	192	194	197	195	195	189	186	186	194	193	186	183	194	198	197	194	198	194
14	198	197	194	194	192	185	171	172	184	181	180	184	187	186	188	183	191	198	194	191	191	191	192	193	188
15 D	192	192	191	191	191	190	191	191	188	192	192	187	184	180	177	164	164	162	168	178	194	202	202	198	186
16	200	199	183	177	177	183	183	179	178	179	188	188	186	185	185	180	185	185	188	196	198	198	202	201	187
17	198	195	195	195	176	163	179	181	186	188	190	189	188	186	185	185	185	180	181	189	195	198	195	193	187
18	194	192	191	189	191	159	150	171	180	189	194	190	185	185	189	190	194	187	188	188	194	194	194	193	186
19 Q	192	192	188	188	186	185	185	186	186	188	192	191	187	185	184	184	182	182	180	186	192	194	193	191	187
20	188	188	188	188	183	180	178	180	184	184	188	188	191	191	188	184	183	183	182	187	193	191	191	190	186
21 Q	188	188	189	189	186	185	184	184	184	184	183	183	183	182	184	186	187	188	186	182	184	192	194	193	186
22	188	188	186	186	179	181	185	186	185	188	190	191	188	183	176	173	176	173	176	180	182	192	192	197	184
23	194	196	192	187	186	186	180	170	179	182	186	186	184	184	180	174	169	164	167	164	184	186	194	206	183
24	204	195	188	186	183	183	181	180	180	178	180	182	181	180	177	172	172	168	168	176	181	186	191	191	182
25	186	185	186	188	186	179	168	180	181	186	186	186	188	190	192	183	181	182	181	182	188	189	192	188	185
26 D	188	191	188	189	183	184	187	185	183	180	180	180	176	174	170	164	159	162	164	174	186	200	198	194	181
27	194	191	180	179	182	184	182	181	182	186	184	182	181	181	182	185	182	179	181	184	186	187	186	183	184
28 Q	182	182	182	181	181	180	182	182	182	183	183	183	182	179	176	176	175	174	174	177	184	187	191	189	181
29	186	183	181	182	183	176	172	182	183	183	184	184	181	177	172	171	173	179	186	187	189	190	189	189	182
30	184	177	176	181	181	183	178	175	178	182	183	180	179	179	176	170	162	170	176	178	186	188	192	190	179
31	192	188	186	183	183	183	166	176	181	183	184	185	184	186	186	184	176	173	176	179	184	182	182	182	182
Mean	195	193	190	187	186	183	180	181	182	183	185	185	184	183	183	181	181	181	184	190	195	197	197	197	187

69691-8—5

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 28 Agincourt — July 1955

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	19	56	606	15	13	556	50	17	42	25.6	12	26	8.2	17.4	00	49	194	06	30	161	33
2 D	19	37	668	21	55	546	122	20	41	32.5	13	55	4.7	27.8	21	00	307	17	06	169	138
3	21	18	591	14	34	528	63	18	25	26.5	04	22	3.9	22.6	01	39	221	03	32	101	120
4 Q	20	59	589	14	38	549	40	19	03	25.7	13	31	10.9	14.8	00	04	204	07	07	179	25
5 Q	20	27	602	16	08	544	58	18	47	25.0	13	03	9.8	15.2	22	01	204	17	46	183	21
6	20	57	627	15	55	534	93	18	55	26.0	12	29	6.7	19.3	00	32	200	17	20	174	26
7	00	50	601	03	57	539	62	19	12	23.7	02	25	0.3	23.4	22	11	205	03	33	164	41
8	19	07	613	16	39	535	78	17	14	25.6	11	54	4.0	21.6	22	24	204	16	39	170	34
9	22	55	605	14	58	538	67	18	43	24.2	12	55	6.6	17.6	22	58	199	11	48	169	30
10	21	10	605	15	06	540	65	19	00	22.4	13	52	10.0	12.4	22	13	212	09	34	173	39
11 D	19	22	616	16	47	538	78	19	48	22.5	01	53	5.2	17.3	23	56	209	09	34	131	78
12 D	21	54	636	11	11	502	134	11	10	31.0	00	54	-3.9	34.9	21	52	266	11	08	120	146
13	19	35	595	15	38	529	66	18	28	21.3	01	03	5.8	15.5	00	04	228	05	17	179	49
14	19	08	604	09	40	562	42	17	54	21.6	06	03	8.8	12.8	17	33	200	07	22	161	39
15 D	14	56	600	15	22	539	61	21	13	22.8	12	22	4.1	18.7	21	40	205	15	25	158	47
16	19	24	617	15	10	540	77	18	35	24.3	02	31	0.4	23.9	01	20	213	04	00	170	43
17	20	04	618	05	57	544	74	17	25	24.0	04	36	2.6	21.4	21	18	200	05	06	158	42
18	21	05	605	15	39	546	59	08	06	24.6	05	29	3.2	21.4	21	05	198	06	01	145	53
19 Q	20	30	595	14	50	544	51	18	45	25.8	13	17	8.4	17.4	22	14	195	18	15	180	15
20	19	34	604	14	52	548	56	19	48	26.3	11	25	9.7	16.6	20	55	194	18	16	180	14
21 Q	19	15	610	15	52	549	61	18	02	27.5	13	23	9.0	18.5	22	35	194	19	30	179	15
22	21	58	607	14	23	549	58	18	59	25.4	13	08	8.7	16.7	23	13	198	17	40	170	28
23	19	09	623	14	50	544	79	23	53	23.6	12	25	7.4	16.2	23	40	210	07	40	163	47
24	03	55	604	16	29	544	60	19	28	24.4	13	18	6.1	18.3	00	09	209	18	00	164	45
25	20	45	609	14	20	556	53	17	23	25.4	12	13	9.4	16.0	14	35	194	06	28	161	33
26 D	23	32	613	15	23	538	75	19	50	23.8	12	00	3.6	20.2	21	35	206	16	07	155	51
27	00	03	604	15	59	551	53	20	14	22.0	11	48	8.6	13.4	01	01	194	02	55	170	24
28 Q	01	12	593	15	36	547	46	17	36	25.0	13	05	9.0	16.0	23	15	193	18	00	171	22
29	20	12	627	14	55	553	74	19	15	26.6	12	30	7.4	19.2	21	35	194	06	10	165	29
30	20	38	605	15	40	553	52	18	33	24.5	11	42	7.8	16.7	23	56	195	16	22	161	34
31	00	10	605	14	08	552	53	19	00	22.4	12	29	9.3	13.1	00	10	195	06	32	156	39
Mean			610			543	66			24.9			6.3	18.6			208			163	45
No. days			31			31	31			31			31	31			31			31	31

60097-8-54

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 29 Agincourt (H) 15,000 γ + August 1955

Day \ Hour 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	Mean
1 Q	582	579	579	577	583	585	584	583	582	580	580	575	565	559	555	556	565	574	580	585	586	588	586	587	577
2	586	578	576	575	578	581	583	583	580	581	581	580	575	565	550	545	555	573	587	598	604	597	591	588	579
3	564	573	580	567	583	585	584	591	582	582	584	578	567	555	541	542	550	562	580	586	600	599	604	593	576
4 D	577	571	583	596	605	605	581	580	583	572	554	552	550	551	512	519	523	529	557	561	585	591	581	569	565
5 D	570	561	568	563	590	580	576	577	554	568	578	569	565	564	554	545	551	557	566	585	591	576	584	574	569
6 D	571	570	574	575	552	565	581	557	503	550	551	545	527	528	537	534	554	592	620	636	630	620	625	599	571
7 D	581	564	565	558	557	568	544	537	554	563	559	546	538	553	550	546	542	549	565	579	602	581	575	568	560
8	563	563	573	569	572	574	573	580	573	567	563	569	559	553	554	552	565	575	596	604	598	589	576	570	572
9	563	574	569	570	569	573	574	566	574	571	565	565	559	554	547	548	556	564	575	586	588	583	583	578	569
10	574	573	570	562	563	570	573	576	574	574	575	574	569	563	558	566	584	596	601	601	599	589	578	582	577
11 Q	585	581	577	574	575	578	578	576	577	579	581	576	565	560	558	558	557	555	568	596	605	603	592	584	577
12	583	588	587	584	581	581	577	579	579	582	581	579	569	557	548	554	565	570	579	589	596	597	595	589	579
13	584	578	578	579	578	584	582	578	577	577	584	580	572	558	551	552	555	562	575	588	598	592	601	591	577
14	584	576	572	586	588	589	590	579	579	579	583	579	574	563	553	554	552	561	575	615	613	596	600	596	581
15	588	597	592	604	596	593	583	575	571	569	565	571	561	558	552	552	559	570	584	596	603	595	584	576	579
16	576	598	578	579	584	573	569	567	573	576	578	571	550	536	528	536	551	570	586	595	593	583	585	578	571
17	583	585	586	584	582	583	579	577	578	579	580	573	565	557	546	543	547	558	562	573	579	570	578	577	572
18	578	580	584	584	587	584	579	577	573	576	574	565	573	567	557	545	549	563	573	578	576	590	585	570	574
19	573	574	573	578	576	592	581	579	581	574	579	576	571	563	557	547	554	568	577	586	590	579	577	581	575
20	584	578	577	580	579	580	582	582	581	578	578	574	567	553	548	555	564	579	584	588	593	592	589	584	577
21	570	573	575	579	584	576	584	579	581	579	581	578	572	562	550	545	549	565	579	593	601	596	589	589	576
22 Q	588	587	583	581	581	582	582	581	581	581	581	578	571	559	549	546	554	573	588	593	595	593	587	584	578
23 Q	587	588	588	587	583	587	586	583	581	579	579	576	569	559	556	554	569	583	593	594	593	589	582	587	580
24	584	584	583	581	581	587	591	589	593	591	590	584	577	567	564	564	575	584	589	592	596	589	584	582	583
25 Q	587	588	587	587	586	585	590	587	587	583	578	577	575	568	557	557	568	581	593	597	593	590	587	584	582
26	588	584	584	587	587	588	581	579	579	577	582	573	557	547	548	553	568	577	584	584	592	592	589	587	578
27	587	587	587	584	584	584	584	582	581	580	579	579	568	559	549	549	559	569	582	595	607	595	587	586	579
28 D	585	587	590	592	564	533	457	471	493	531	541	549	548	535	533	543	556	571	587	599	595	592	587	587	555
29	589	583	579	576	571	568	558	558	563	567	568	564	552	551	551	556	568	575	582	599	584	566	566	586	570
30	579	579	578	571	573	574	574	574	574	572	568	566	556	547	542	541	548	561	574	584	589	592	584	581	570
31	582	581	583	583	585	581	577	579	577	576	574	567	559	547	536	542	558	578	589	584	599	594	579	573	575
Mean	580	579	579	579	579	580	575	573	572	574	574	571	563	554	548	548	557	569	582	592	596	590	587	582	574

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 30 Agincourt (D) West 7° + ... ′ August 1955

Day \ Hour 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	Mean
1 Q	16.3	17.1	17.4	17.3	16.9	16.4	16.0	15.4	14.6	13.4	12.5	11.1	10.7	10.5	13.7	16.3	19.1	21.3	24.1	24.0	22.5	20.3	19.1	18.2	16.8
2	17.5	15.5	09.6	15.8	15.7	16.3	16.2	16.0	15.9	15.0	13.5	11.6	10.2	10.0	11.4	15.1	19.9	23.9	24.2	22.7	21.0	19.4	18.7	18.0	16.0
3	17.6	13.5	08.2	13.5	14.9	16.2	21.0	17.0	15.7	13.1	10.6	08.4	07.8	08.8	13.5	19.0	22.9	24.3	24.9	24.3	21.8	20.0	17.1	15.2	16.2
4 D	13.0	16.9	17.1	17.2	06.6	14.0	15.2	16.5	14.6	22.7	24.3	23.2	20.6	18.1	29.3	19.1	22.2	26.9	31.0	27.2	22.3	19.7	15.3	16.3	19.6
5 D	16.0	15.8	16.2	15.2	14.7	16.3	16.7	16.5	27.9	16.1	11.7	10.0	11.7	09.2	10.6	15.6	19.4	24.6	24.3	21.5	19.6	18.8	17.7	10.5	16.5
6 D	09.7	16.3	17.5	15.0	07.9	19.5	29.1	21.7	24.3	24.0	20.0	20.9	14.3	17.5	16.9	20.7	24.3	21.3	19.8	20.7	22.0	21.0	14.5	17.4	19.0
7 D	20.0	18.0	19.9	18.0	14.2	12.7	12.0	23.2	21.8	15.2	08.9	09.1	09.2	12.2	12.6	16.0	19.5	21.7	23.4	23.6	23.3	21.9	19.2	17.5	17.2
8	17.8	16.5	17.1	16.5	16.9	17.4	17.3	17.4	16.4	19.6	15.6	10.8	08.0	11.1	14.4	17.3	21.1	23.9	22.9	21.1	20.3	18.8	17.9	15.8	17.2
9	14.6	16.2	16.9	16.3	16.2	13.6	15.0	15.9	18.0	15.2	14.5	13.3	14.2	14.3	17.8	20.6	23.1	22.5	22.1	21.6	20.8	19.2	17.2	16.3	17.3
10	16.3	16.2	15.3	10.5	12.7	13.7	14.1	16.0	15.0	17.3	12.6	10.2	09.3	10.5	15.3	19.9	23.1	22.5	19.8	17.9	17.8	17.9	17.3	15.8	15.7
11 Q	16.1	16.5	15.5	16.2	17.1	17.1	16.6	16.2	16.1	15.6	15.4	14.4	12.3	11.7	13.0	17.3	21.9	24.2	23.6	23.1	21.9	20.0	18.8	18.0	17.4
12	16.1	17.1	17.0	14.4	15.7	16.2	15.9	16.1	15.8	15.6	14.0	12.3	12.2	12.5	14.2	18.5	21.9	23.2	24.0	24.0	22.2	20.4	18.4	17.0	17.3
13	16.8	16.0	13.3	15.3	15.8	18.1	15.1	16.0	15.5	18.3	11.9	08.8	08.6	09.2	11.4	16.5	20.8	24.2	25.1	23.5	20.7	18.0	15.5	16.1	16.3
14	16.8	13.3	13.2	15.5	15.8	13.2	10.1	11.6	12.5	16.6	16.7	09.2	07.8	09.6	13.2	17.4	22.6	25.4	28.1	23.2	23.2	20.4	19.5	18.7	16.4
15	18.1	17.3	13.9	14.1	14.1	15.1	16.8	12.8	12.2	10.2	08.5	07.3	09.0	09.5	14.7	19.3	22.3	24.9	24.6	22.8	20.3	17.4	16.0	15.9	15.7
16	16.9	17.1	17.0	17.0	16.1	17.5	17.4	14.9	14.9	14.2	12.3	10.3	09.4	10.9	15.8	21.1	24.9	25.2	23.4	20.7	17.7	16.2	15.5	16.0	16.8
17	17.2	17.7	17.5	17.2	17.1	16.8	16.8	16.2	15.5	14.5	12.7	09.4	08.1	08.8	12.6	17.8	22.6	25.3	27.4	25.3	22.7	19.8	17.1	14.5	17.1
18	14.9	16.0	16.4	15.8	14.8	14.0	11.2	15.7	14.7	14.6	13.1	14.8	10.4	07.9	12.1	17.7	21.5	23.7	24.5	24.2	23.5	19.5	17.3	15.8	16.4
19	15.4	15.1	14.4	14.9	15.1	14.1	13.6	19.1	15.5	13.7	12.0	09.6	08.9	09.4	12.3	16.4	22.2	24.1	24.2	22.6	20.5	19.5	17.6	16.6	16.1
20	15.8	16.4	16.4	16.9	16.9	16.1	16.0	15.7	16.0	14.9	12.9	12.0	10.5	11.6	14.0	20.4	24.7	22.4	22.3	21.4	19.3	17.4	16.7	16.0	16.8
21	14.6	15.4	16.5	16.0	14.9	16.5	16.4	19.4	17.2	14.8	12.7	10.5	10.1	09.5	12.4	18.0	22.0	23.4	24.9	24.2	21.4	19.5	17.7	16.4	16.9
22 Q	16.8	16.6	16.6	16.2	16.5	16.0	15.5	15.0	14.9	14.1	12.4	09.6	08.3	07.9	11.2	17.0	22.6	25.2	24.8	22.9	20.6	18.5	17.5	16.9	16.4
23 Q	17.0	17.0	16.8	16.2	16.2	15.9	15.7	17.0	14.9	13.8	11.4	08.8	07.9	10.2	12.6	17.3	21.6	24.8	24.8	22.5	20.3	17.9	16.7	16.2	16.4
24	17.0	17.1	16.9	16.7	16.7	16.0	15.2	15.0	14.1	12.7	12.5	07.7	08.2	08.3	12.3	16.8	20.6	22.1	23.4	23.8	22.1	19.7	18.0	17.8	16.3
25 Q	17.2	17.2	17.3	16.6	15.9	15.7	15.7	14.7	14.1	13.7	13.1	11.2	09.7	10.7	13.0	16.9	21.4	23.8	25.2	24.9	22.9	20.1	17.8	17.4	16.9
26	17.8	17.3	16.5	16.8	15.8	14.9	14.3	14.0	13.8	13.3	12.8	10.5	09.6	10.1	14.7	21.6	23.3	24.3	24.1	21.9	18.8	17.2	16.9	17.0	16.6
27	17.8	17.1	17.2	16.5	16.0	15.9	15.7	15.8	14.7	14.0	13.2	11.0	10.0	11.1	13.3	16.0	20.3	23.8	25.7	23.9	20.0	18.3	16.0	15.6	16.6
28 D	16.4	16.8	16.7	15.7	17.1	10.0	30.3	05.5	06.5	00.2	03.2	06.5	04.1	10.0	17.0	21.4	23.4	24.8	23.4	20.3	17.8	16.8	16.3	16.9	14.9
29	17.5	17.6	17.9	17.6	17.5	15.9	14.1	14.4	13.3	14.0	11.9	10.0	08.7	11.9	15.0	20.0	22.1	24.2	24.8	23.6	22.3	20.2	18.1	17.8	17.1
30	17.4	16.9	13.3	16.5	16.9	17.0	16.7	15.8	15.5	15.2	13.9	10.9	08.2	09.1	12.4	17.4	21.3	23.4	24.0	22.0	19.3	16.7	16.2	17.3	16.4
31	17.4	17.4	17.4	16.5	15.8	16.4	15.5	14.5	14.1	12.7	12.9	13.7	09.4	08.5	12.6	19.3	24.7	25.5	23.6	21.1	17.6	15.7	14.6	15.6	16.3
Mean	16.4	16.5	15.9	15.9	15.3	15.6	16.4	15.8	15.7	14.8	13.0	11.2	09.9	10.7	14.0	18.2	22.0	23.9	24.3	22.8	20.8	18.9	17.2	16.5	16.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 31 Agincourt 56,000 γ + August 1955

Day \ Hour 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	Mean
1 Q	187	186	186	185	185	185	185	185	185	186	186	187	187	182	174	169	168	168	175	181	188	186	186	188	183
2	186	187	183	185	185	184	182	184	185	186	187	187	187	182	175	173	176	181	185	191	197	202	207	201	187
3	207	199	160	183	187	186	179	161	171	183	188	187	183	181	182	181	178	174	178	180	185	186	193	200	183
4 D	200	201	198	187	150	120	169	181	174	166	098	082	109	140	150	158	173	187	208	208	208	218	236	223	173
5 D	207	201	194	190	161	183	185	176	124	153	182	184	183	183	184	187	193	194	193	197	215	218	214	218	188
6 D	211	202	196	186	178	153	083	072	052	081	134	150	154	166	182	188	202	241	248	239	243	249	260	229	179
7 D	230	249	226	218	202	185	154	155	137	159	176	183	184	184	187	187	185	185	192	206	215	217	209	200	193
8	198	195	176	187	187	185	183	179	184	185	173	179	179	185	183	177	175	177	187	190	190	193	196	199	185
9	199	194	191	190	190	185	179	174	179	187	189	193	194	193	194	193	193	193	202	205	203	200	203	200	193
10	196	194	193	190	188	185	185	182	185	185	183	186	185	182	184	185	185	178	177	180	185	191	193	194	186
11 Q	193	190	189	189	189	189	189	188	190	190	190	190	189	185	183	185	188	185	186	195	197	197	193	190	190
12	191	191	191	191	189	190	191	191	189	189	190	190	188	185	185	181	184	188	191	194	198	199	197	193	190
13	190	190	188	187	183	167	168	179	184	187	189	189	185	185	184	181	181	187	191	193	195	194	197	200	186
14	203	202	205	197	191	182	163	174	184	183	172	175	181	184	181	176	172	185	189	195	208	203	208	199	188
15	193	200	199	194	185	170	163	182	182	185	187	190	190	190	188	188	191	194	197	201	200	198	194	189	190
16	190	189	189	188	186	177	164	194	195	194	194	194	194	193	194	196	196	195	198	199	198	195	194	189	191
17	189	189	188	187	187	187	187	187	187	189	190	188	188	188	187	185	188	192	191	194	198	201	205	201	191
18	196	194	191	188	184	160	155	169	181	187	187	187	182	180	174	173	175	178	182	187	186	191	197	199	183
19	198	194	190	188	185	164	165	173	171	183	187	187	182	177	176	172	175	178	182	187	193	197	197	192	183
20	189	187	187	185	184	184	184	184	182	182	183	185	183	186	183	183	182	182	187	190	188	188	189	188	185
21	188	188	188	185	170	174	176	178	179	183	185	185	182	180	178	175	176	178	184	187	193	194	190	187	183
22 Q	184	182	181	182	182	182	182	181	181	182	184	184	179	178	176	175	173	170	173	177	184	188	187	182	180
23 Q	181	181	181	181	181	182	181	177	178	181	184	187	184	182	181	179	179	184	187	190	194	196	191	187	184
24	185	185	184	184	185	185	184	184	182	181	179	176	178	178	173	173	175	178	184	188	188	188	187	184	182
25 Q	184	185	184	184	184	185	180	181	181	181	183	184	183	180	178	178	178	175	178	184	190	190	190	187	183
26	185	188	190	190	187	176	184	185	184	184	185	185	185	184	183	185	188	191	193	191	191	188	190	189	187
27	188	188	187	185	185	185	187	184	184	185	187	188	185	185	187	187	190	188	190	191	193	188	187	186	187
28 D	185	185	185	185	178	163	055	043	093	161	187	185	178	183	184	186	190	198	202	202	196	191	191	188	171
29	188	186	187	188	188	181	185	190	196	196	193	191	183	179	181	184	186	188	196	207	213	223	206	196	192
30	196	194	188	187	190	190	190	190	190	188	188	191	189	188	188	180	194	196	202	205	203	199	196	193	193
31	193	190	190	189	185	185	187	188	188	188	190	191	192	191	190	193	196	197	199	196	189	197	200	201	192
Mean	194	193	189	188	184	178	171	173	173	179	181	182	182	182	182	181	183	187	191	195	198	199	200	196	186

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 32 Agincourt — August 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	21	48	590	14	29	553	37	19	00	24.6	13	22	8.9	15.7	21	46	193	17	10	165	28
2	20	34	613	15	30	542	71	17	58	25.1	02	27	3.1	22.0	23	14	215	15	20	171	44
3	22	11	607	14	35	533	74	18	01	26.6	02	08	0.4	26.2	00	12	211	02	27	147	64
4 D	05	05	637	14	19	501	136	18	16	33.0	03	25	1.4	31.6	21	34	243	10	43	063	180
5 D	20	10	610	15	00	536	74	08	25	41.0	23	59	4.4	36.6	20	55	232	08	31	106	126
6 D	19	57	654	08	54	445	209	08	54	48.4	00	18	3.2	45.2	21	27	299	08	35	10	289
7 D	20	00	627	06	42	526	101	07	50	31.2	10	54	6.0	25.1	02	46	260	08	20	124	136
8	19	26	606	13	01	539	67	07	52	24.8	12	59	5.9	18.9	23	25	203	02	30	161	42
9	20	23	604	14	18	543	61	16	30	23.8	11	05	11.8	12.0	20	21	211	07	37	167	44
10	20	05	607	14	34	555	52	16	50	23.6	03	27	7.3	16.3	23	10	197	17	53	174	23
11 Q	20	09	613	17	31	553	60	17	40	24.3	13	10	11.5	12.8	21	35	201	14	05	179	22
12	21	18	599	14	28	546	53	19	15	24.4	11	54	10.9	13.5	21	19	202	15	20	180	22
13	22	50	612	15	48	548	64	18	22	25.3	11	32	7.8	17.5	23	56	203	05	45	162	41
14	19	22	637	16	48	545	92	18	15	31.2	12	43	6.8	24.4	21	41	217	06	22	157	60
15	03	25	616	14	30	548	68	17	42	25.4	11	12	5.8	19.6	02	06	208	06	45	158	50
16	19	59	605	14	37	527	78	05	58	26.8	12	10	8.7	18.2	20	47	202	06	24	155	47
17	02	30	591	16	21	532	59	18	53	28.4	12	31	7.0	21.4	22	07	209	16	20	184	25
18	21	28	600	15	32	542	58	18	54	25.1	13	18	6.8	18.3	23	02	202	06	00	146	56
19	05	11	601	15	29	543	58	17	52	24.8	12	47	7.5	17.3	21	45	202	05	43	157	45
20	20	57	595	14	32	543	52	16	28	25.7	12	42	9.5	16.2	19	18	191	17	31	179	12
21	20	16	605	15	34	540	65	18	52	25.7	13	10	8.5	17.2	21	18	197	04	48	160	37
22 Q	20	40	601	15	32	542	59	18	01	25.7	13	27	6.9	18.8	21	55	190	17	38	169	21
23 Q	19	22	597	15	13	551	46	18	18	25.7	12	12	7.3	18.4	21	20	196	06	53	175	21
24	20	57	599	14	58	553	46	19	11	24.3	11	38	6.8	17.5	19	48	190	15	22	172	18
25 Q	19	16	603	14	58	552	51	18	39	26.0	12	50	8.2	17.8	21	47	194	17	42	172	22
26	20	36	604	14	37	543	61	18	09	24.9	13	09	7.6	17.3	20	33	196	05	17	172	24
27	20	40	615	15	17	539	76	18	37	26.6	12	01	9.3	17.3	20	36	196	22	43	179	17
28 D	20	42	604	06	58	423	181	06	33	38.5	09	02	-2.0	40.5	19	02	203	06	17	4	199
29	19	32	607	14	42	545	62	18	20	25.4	12	38	7.7	17.7	21	30	230	05	42	168	62
30	21	18	594	15	05	539	55	18	36	24.2	12	50	6.9	17.3	19	32	208	02	58	182	26
31	20	28	604	14	40	532	72	17	18	26.1	11	10	7.4	18.7	22	53	202	04	42	182	20
Mean			608			534	74			27.6			6.7	20.9			210			151	59
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 1955

Day \ Hour 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	Mean
1	576	584	586	585	584	584	589	585	591	584	584	576	560	543	537	541	556	570	582	598	605	586	568	575	576
2	567	565	558	558	553	561	571	553	564	569	571	554	563	543	526	519	530	550	573	589	596	587	578	568	561
3	571	576	571	558	562	572	572	572	570	576	574	564	571	543	528	532	545	551	558	577	594	591	586	582	567
4	548	557	576	568	568	581	586	586	583	574	553	563	563	548	527	521	543	558	568	578	587	578	571	570	565
5 D	555	545	568	572	577	572	555	537	548	535	552	551	539	545	527	521	535	546	575	590	599	590	586	578	558
6	565	567	572	561	566	553	573	575	578	568	558	571	568	553	538	534	545	563	576	586	590	589	589	571	567
7	568	572	570	575	577	576	583	580	567	570	580	577	565	552	542	534	541	555	564	577	590	585	584	588	570
8	588	585	587	588	588	584	580	593	588	590	586	583	575	561	551	541	538	546	560	576	588	595	589	580	577
9	582	585	574	570	577	585	588	591	590	591	588	583	573	562	554	556	558	568	578	588	590	588	588	580	579
10	585	583	582	585	576	567	565	568	577	575	581	580	570	561	552	555	565	575	578	585	585	584	579	580	575
11 Q	582	581	577	573	572	570	572	571	577	580	581	579	569	562	554	546	549	552	565	568	579	581	584	583	571
12	575	582	588	582	590	571	561	562	578	580	576	567	562	551	566	561	564	565	572	588	596	595	593	571	575
13 D	557	569	542	557	549	565	547	552	575	575	552	566	577	555	537	537	538	550	567	580	579	592	588	586	562
14	585	584	584	584	582	577	582	574	566	568	574	567	572	560	544	541	547	557	574	585	585	584	580	581	572
15 Q	576	582	576	578	588	583	579	576	580	582	581	576	562	550	545	557	566	575	584	585	591	586	522	585	576
16	580	572	570	582	577	575	584	577	580	574	572	583	584	574	559	562	565	569	574	584	589	585	581	574	576
17	577	579	572	557	527	539	549	548	539	579	577	573	571	560	550	547	554	562	575	581	585	580	573	572	564
18	575	575	566	570	570	574	575	573	569	575	582	580	572	557	554	546	551	575	585	588	586	583	581	585	573
19	581	570	575	585	573	575	574	576	578	577	580	573	569	557	548	551	560	570	575	580	584	586	584	578	573
20	566	568	569	571	570	572	578	581	582	581	587	587	576	566	556	543	540	548	569	594	598	590	591	589	574
21 Q	589	587	585	590	588	589	587	587	587	587	592	592	584	576	566	560	559	566	579	587	596	600	604	597	585
22	589	593	568	571	578	580	583	587	590	591	595	591	579	569	564	561	560	571	598	609	604	597	592	595	584
23	595	594	595	594	595	592	589	568	577	570	575	581	571	568	560	557	560	566	574	578	581	572	572	570	577
24	550	560	576	575	575	579	581	584	586	585	586	584	578	569	558	555	557	561	568	569	584	587	583	584	574
25 Q	587	578	576	581	583	583	584	585	589	589	588	588	583	578	572	570	571	579	584	588	589	590	588	595	583
26 Q	596	592	591	592	592	590	590	592	591	591	592	592	592	587	581	573	574	578	587	590	595	594	595	596	589
27 D	597	589	587	589	588	600	592	603	592	594	598	581	583	571	573	557	555	564	573	589	578	581	590	583	584
28	579	581	580	561	559	553	546	552	559	569	587	580	571	560	554	545	546	554	553	556	573	575	578	566	564
29 D	561	565	548	566	570	569	571	566	571	581	599	596	590	573	553	522	508	531	567	583	566	571	561	561	564
30 D	561	571	576	574	551	504	493	409	505	571	537	505	561	548	532	520	531	532	543	547	559	561	556	558	538
31																									
Mean	575	576	575	575	573	573	573	569	574	578	578	575	572	560	550	546	550	560	572	583	587	585	582	579	572

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 34 Agincourt (D) West 7° + ... ' September 1955

Day \ Hour 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	Mean
1	17.4	17.0	17.2	16.6	15.7	15.6	15.0	14.4	17.0	13.6	11.3	09.0	07.6	11.1	15.9	22.2	28.2	28.6	27.2	23.8	18.7	18.9	17.3	17.4	17.4
2	16.3	14.1	04.9	08.6	12.2	11.2	10.0	11.3	12.6	10.8	18.1	18.7	11.2	08.3	12.7	19.2	26.0	27.3	26.3	23.6	20.1	17.1	15.4	25.0	15.9
3	17.1	12.6	11.3	12.3	15.6	16.3	21.0	16.4	14.8	13.0	17.8	22.8	13.5	08.7	12.2	16.1	19.2	21.8	22.5	21.5	18.3	16.8	15.9	15.5	16.4
4	21.8	12.6	15.9	08.7	11.3	17.2	15.6	15.4	15.0	21.5	16.2	07.9	07.7	09.9	13.5	23.9	27.4	24.6	24.2	22.2	19.2	16.9	15.4	15.0	16.6
5 D	12.5	02.3	12.3	16.3	17.0	32.7	24.8	06.2	10.8	25.8	14.8	09.5	10.0	11.7	16.8	21.0	25.0	29.2	28.3	24.0	20.4	18.2	16.0	15.3	17.5
6	16.8	15.7	16.3	08.8	08.8	16.2	17.5	23.5	20.8	12.7	17.7	14.0	09.6	09.9	12.2	18.0	22.6	23.9	24.4	23.2	21.3	18.6	16.7	13.5	16.8
7	12.5	13.7	15.7	16.7	16.7	16.7	19.1	18.1	19.4	20.0	13.0	08.9	07.8	08.8	11.7	17.7	20.9	22.7	23.6	22.3	20.8	18.7	18.1	17.6	16.7
8	16.8	16.5	15.3	14.4	14.7	14.1	19.1	14.8	13.5	13.6	13.6	10.1	07.6	08.8	11.7	15.8	22.9	24.1	23.3	22.2	21.0	19.1	17.4	16.7	16.1
9	16.7	09.0	14.5	13.4	12.7	14.5	13.8	13.4	13.7	12.8	12.5	11.1	09.9	09.9	12.0	15.7	20.8	22.0	21.7	20.4	19.1	17.7	16.4	17.2	15.0
10	17.3	16.4	14.5	15.8	14.9	13.4	12.5	15.9	11.9	15.3	14.5	11.6	13.1	12.6	15.5	18.9	20.9	22.3	21.4	19.2	17.7	16.8	17.4	17.1	16.1
11 Q	17.4	18.1	19.1	17.0	16.5	14.0	10.7	11.7	14.4	14.3	14.0	11.8	10.9	11.7	13.5	15.3	19.8	21.6	20.9	20.0	18.9	18.0	17.4	16.7	16.0
12	17.9	17.6	16.5	14.3	13.3	18.5	23.0	07.4	10.9	14.0	15.6	17.0	14.4	22.1	22.6	25.3	24.5	23.6	22.7	19.4	16.9	15.6	14.7	17.3	17.7
13 D	09.6	10.8	12.0	24.5	12.0	13.5	19.0	22.9	11.5	07.9	17.5	18.4	11.0	11.0	18.5	26.2	29.1	27.2	23.9	22.0	19.7	16.7	15.7	15.6	17.3
14	16.0	16.5	16.6	16.6	16.6	15.2	13.9	13.0	10.0	13.7	12.6	14.1	12.3	12.4	15.2	19.2	20.7	22.2	22.1	20.3	18.1	16.2	15.3	16.1	16.0
15 Q	13.7	15.7	16.4	16.6	16.1	17.6	16.0	15.1	14.6	13.3	12.1	10.8	10.2	11.3	16.0	21.1	22.5	23.9	23.0	21.2	17.6	15.6	15.3	15.7	16.3
16	15.7	16.1	16.3	18.1	14.8	16.1	16.7	14.6	13.9	16.7	17.1	16.9	09.3	12.0	15.6	20.4	22.8	24.0	23.1	20.0	17.2	15.2	15.4	15.6	16.8
17	16.7	15.5	15.5	14.8	14.4	10.7	08.4	07.5	23.9	12.0	09.1	09.8	09.8	12.1	15.2	19.1	23.6	25.7	25.5	22.8	19.3	17.0	15.8	16.9	15.9
18	15.7	15.5	14.8	12.9	16.3	17.2	16.7	19.8	19.3	18.1	10.5	09.7	11.8	13.9	15.2	19.0	23.6	23.6	24.3	20.3	17.0	15.6	15.6	16.1	16.8
19	16.2	14.8	13.9	16.7	15.7	17.2	17.1	15.3	14.8	14.9	13.9	12.4	12.9	11.5	16.5	22.5	24.5	25.9	24.8	22.2	19.0	17.0	15.6	16.3	17.2
20	17.6	16.7	14.3	13.6	14.3	16.3	16.0	15.6	18.3	17.9	10.6	10.0	09.4	10.4	12.0	15.7	20.9	24.5	25.7	24.4	22.6	19.8	18.3	18.2	16.6
21 Q	17.9	17.0	15.7	14.2	16.6	16.1	15.7	15.4	14.8	15.4	14.7	13.3	12.1	11.9	12.9	16.2	20.8	23.7	24.5	23.1	20.8	19.0	17.6	17.5	17.0
22	13.3	18.0	16.2	15.7	15.0	15.0	14.3	13.4	13.6	13.8	12.7	11.5	10.7	11.0	11.8	14.8	19.9	23.6	24.6	23.0	20.8	19.4	18.3	17.8	16.2
23	17.3	16.9	16.5	15.6	14.8	13.9	09.2	09.3	13.7	05.8	04.6	10.3	12.1	12.6	14.3	16.6	18.8	21.6	21.8	23.1	22.5	21.7	15.6	14.9	15.1
24	12.0	13.5	16.2	15.9	15.6	15.5	15.2	15.3	14.4	14.3	13.5	12.1	11.1	11.5	13.3	16.2	19.0	22.0	23.1	21.3	19.9	18.8	18.3	17.6	16.0
25 Q	16.7	15.2	14.4	16.0	15.7	15.7	15.5	15.3	14.8	14.8	14.3	13.3	12.1	12.4	13.5	15.2	17.2	18.3	18.5	19.1	19.0	18.9	18.5	17.2	15.9
26 Q	17.1	16.7	15.6	16.1	15.4	15.0	14.4	14.2	13.6	14.0	13.9	13.4	12.8	11.5	11.6	13.2	15.5	18.1	20.0	20.2	19.8	19.0	18.7	17.8	15.7
27 D	16.8	14.4	13.2	14.4	13.5	13.0	12.5	13.4	13.5	17.4	13.8	12.9	15.3	14.3	14.8	16.7	20.2	21.8	22.6	19.8	21.5	16.7	18.1	17.3	16.2
28	16.6	16.0	16.5	14.9	03.8	12.5	07.9	13.4	09.8	18.5	13.8	12.5	12.0	11.1	13.4	14.8	17.9	22.2	24.1	23.7	21.2	18.8	17.0	16.0	15.3
29 D	13.9	14.3	13.0	14.7	15.1	14.8	13.9	12.9	15.3	18.5	14.9	13.2	12.1	11.8	12.7	17.6	24.9	24.8	29.4	24.1	23.3	20.7	18.5	18.3	17.2
30 D	14.4	10.4	16.1	16.2	12.6	19.1	22.8	09.9	25.9	12.4	18.8	35.0	22.2	15.7	14.5	17.2	18.9	22.6	22.8	20.3	19.1	20.3	15.1	11.2	18.1
31																									
Mean	15.9	14.7	14.9	15.0	14.2	15.8	15.6	14.2	15.0	14.8	13.9	13.4	11.4	11.7	14.2	18.4	22.0	23.6	23.7	21.8	19.7	18.0	16.7	16.7	16.5

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 35 Agincourt (Z) 56,000 γ + September 1955

Day \ Hour 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	Mean
1	203	199	196	196	194	194	194	193	181	179	191	196	190	188	190	197	205	208	210	221	233	227	215	214	201
2	214	214	196	167	185	169	173	190	202	191	154	131	160	175	185	197	203	209	215	211	211	211	208	209	191
3	206	203	187	191	199	187	163	173	197	196	165	128	157	182	194	194	198	202	208	214	215	211	209	211	191
4	221	221	207	183	193	199	197	197	191	155	109	143	163	174	181	187	198	205	209	209	214	224	228	225	193
5 D	220	203	199	204	190	117	123	115	127	134	138	159	181	199	201	199	197	202	208	208	209	208	209	212	182
6	208	208	205	200	194	178	175	164	163	173	176	181	188	188	188	189	190	188	195	202	208	208	209	211	191
7	208	209	212	206	202	202	195	194	195	177	187	196	194	196	196	194	196	199	203	200	205	202	202	199	198
8	196	199	198	196	197	194	188	194	194	197	196	198	196	195	196	196	195	197	202	205	205	209	211	206	199
9	205	198	191	194	199	202	194	195	197	194	197	199	199	196	193	191	195	198	200	202	200	200	203	199	197
10	199	199	197	197	196	193	193	179	182	189	189	190	194	196	198	199	200	197	199	202	202	200	200	200	195
11 Q	199	197	199	201	199	196	187	193	194	196	197	197	197	196	194	192	190	196	199	202	203	203	204	205	197
12	208	208	203	197	190	178	100	146	187	194	196	190	184	181	179	185	191	191	197	203	205	203	210	211	189
13 D	215	205	182	119	131	165	168	142	179	191	176	170	185	185	189	193	193	199	206	209	209	205	205	205	184
14	202	200	200	199	199	197	191	178	181	197	192	197	194	196	199	199	202	203	205	206	205	203	201	202	198
15 Q	202	202	199	200	196	191	196	199	202	199	201	199	198	195	197	195	195	199	208	212	211	206	202	201	200
16	203	203	187	179	194	192	169	190	197	193	187	187	184	187	191	189	191	194	197	202	204	205	205	205	193
17	203	203	202	191	176	173	162	157	169	178	200	200	197	197	198	197	199	203	211	215	215	213	211	208	195
18	204	201	202	198	196	192	177	172	172	183	189	189	186	188	195	195	201	208	213	210	210	207	202	201	195
19	201	203	195	187	192	195	195	195	195	192	192	192	196	193	192	193	200	202	202	204	205	205	202	202	197
20	195	208	195	198	193	198	195	195	177	165	184	192	190	189	190	190	191	193	189	192	196	197	198	196	193
21 Q	197	196	193	189	193	190	193	193	191	192	192	193	193	193	193	194	192	194	196	201	203	201	201	198	195
22	200	201	221	215	205	201	198	198	196	196	195	194	193	192	190	189	192	192	196	200	198	198	196	195	198
23	192	193	192	192	192	189	179	171	154	122	149	175	186	189	191	191	189	192	200	207	211	215	221	213	188
24	208	209	206	203	203	200	197	197	195	195	195	195	194	192	189	189	190	192	201	200	198	197	195	195	197
25 Q	195	197	200	200	197	197	195	194	193	192	192	193	194	195	193	190	194	186	189	192	194	195	197	195	194
26 Q	194	194	197	194	194	193	194	192	192	192	193	192	191	194	190	189	186	188	189	191	195	197	195	195	192
27 D	194	194	195	201	200	197	195	190	186	162	165	167	179	186	190	188	188	203	209	218	209	217	206	204	193
28	202	200	197	196	176	169	158	155	154	164	169	187	194	194	191	196	191	190	196	211	213	211	206	206	189
29 D	206	197	199	199	200	196	192	188	179	182	187	193	195	196	197	196	199	200	223	218	208	221	220	219	200
30 D	215	202	205	200	184	110	058	034	082	140	139	139	166	187	195	202	208	211	220	230	239	238	230	224	177
31																									
Mean	204	200	199	193	192	185	176	176	180	180	180	182	187	190	192	193	195	198	203	206	208	208	207	206	193

65097-8—9

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 36 Agincourt — September 1955

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	20	28	607	14	12	533	74	16	37	30.7	12	28	6.5	24.2	20	08	235	08	50	163	72
2	20	13	598	15	00	513	85	17	10	28.3	02	54	-7.7	36.0	01	09	219	11	18	127	92
3	20	00	601	14	55	525	76	11	10	28.1	13	16	7.5	20.6	20	01	215	11	21	118	97
4	20	22	597	15	08	507	90	10	02	33.0	04	08	-1.1	34.1	21	55	235	10	20	82	153
5 D	20	26	609	15	25	517	92	05	23	36.6	01	49	-12.3	48.9	00	26	224	06	12	91	133
6	22	50	597	15	05	532	65	07	56	30.6	03	50	4.5	26.1	23	14	212	07	50	151	61
7	20	44	598	15	00	531	67	09	02	23.9	11	51	7.1	16.8	02	30	214	09	50	175	39
8	21	15	603	16	21	534	69	17	27	26.4	12	40	7.2	19.2	22	38	212	06	22	185	27
9	07	22	596	14	35	544	52	17	16	22.4	01	47	5.1	17.3	00	01	206	03	36	187	19
10	20	15	588	15	18	547	41	17	58	23.1	11	43	10.8	12.3	20	20	205	07	45	171	34
11 Q	22	50	596	16	04	544	52	17	30	22.1	06	25	10.0	12.1	22	50	207	06	35	184	23
12	22	14	608	07	13	533	75	06	28	25.9	07	35	1.9	24.0	23	59	217	06	35	78	139
13 D	21	10	596	03	10	513	83	03	30	43.6	00	53	-5.6	49.2	00	45	229	03	20	49	180
14	20	23	588	15	07	535	53	17	58	23.0	08	20	8.4	14.6	20	15	209	07	13	175	34
15 Q	04	53	603	14	32	541	62	17	20	24.6	12	28	9.8	14.8	19	33	215	05	09	184	31
16	06	15	600	14	20	556	44	17	40	24.7	12	45	8.6	16.1	22	43	208	06	18	163	45
17	20	26	589	04	37	514	75	08	40	32.2	07	06	6.0	26.2	21	10	215	07	08	140	75
18	23	48	590	16	03	542	48	16	44	25.4	11	30	9.2	16.2	18	35	213	08	10	166	47
19	03	09	599	14	53	544	55	17	26	26.3	13	16	10.0	16.3	20	45	207	03	15	180	27
20	20	35	601	16	43	536	65	18	23	26.2	10	50	9.1	17.1	01	07	209	09	28	153	56
21 Q	20	48	607	16	24	556	51	18	14	24.8	13	24	10.7	14.1	20	45	207	03	36	186	21
22	19	50	615	15	43	556	59	17	50	25.0	12	45	9.8	15.2	02	40	227	14	45	187	40
23	06	10	599	16	24	551	48	21	06	24.1	09	53	2.2	21.9	22	29	225	09	24	113	112
24	21	26	590	00	49	540	50	18	29	23.6	01	04	8.1	15.5	00	22	210	14	35	187	23
25 Q	23	50	602	15	35	567	35	19	30	19.5	12	32	11.9	7.6	02	25	200	17	02	195	15
26 Q	23	38	600	17	04	569	31	19	17	20.6	13	16	11.3	9.3	21	38	197	16	47	183	14
27 D	07	30	605	16	56	544	61	17	07	24.9	11	18	9.4	15.5	19	03	221	09	43	152	69
28	10	37	592	05	53	533	59	19	06	26.5	04	25	-2.2	28.7	20	44	214	06	27	145	69
29 D	19	15	605	16	14	493	112	18	08	37.4	01	07	10.0	27.4	18	37	230	08	58	170	60
30 D	01	41	587	07	57	329	258	07	55	62.7	07	08	-13.2	75.9	20	09	242	07	59	-30	272
31																					
Mean			599			529	70			28.2			5.1	23.1			216			147	69
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 1955

Day \ Hour 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	Mean
1	564	572	572	573	578	581	581	576	573	585	573	580	571	553	543	543	546	553	571	578	582	587	584	590	571
2	588	580	576	582	584	586	590	586	586	590	596	591	577	566	543	546	545	543	560	568	578	591	586	584	576
3	586	586	601	607	585	573	584	581	576	591	596	578	576	567	548	534	537	555	570	585	590	587	589	591	578
4	583	582	573	581	581	568	573	585	589	589	594	602	587	570	553	538	534	550	561	573	578	580	583	581	575
5 D	578	586	581	582	582	586	590	588	591	594	591	586	574	558	548	539	533	536	555	577	579	589	546	553	572
6 D	560	563	567	560	542	558	568	569	550	555	574	576	562	552	526	513	513	529	542	557	565	570	573	575	555
7	572	570	572	575	578	577	578	573	575	579	582	579	575	574	562	546	554	557	546	574	582	585	593	608	575
8	605	610	603	600	594	592	586	580	577	588	588	585	585	577	572	567	559	567	569	572	588	597	586	591	585
9	588	587	581	582	582	584	584	582	582	582	583	584	580	574	566	558	558	565	572	581	593	585	570	579	579
10	593	596	589	592	587	587	589	589	585	577	596	592	578	575	568	547	545	551	569	580	584	583	585	589	580
11	590	588	582	583	582	582	578	576	575	585	593	598	591	588	550	547	537	548	555	569	576	580	582	581	576
12 Q	582	580	579	579	579	579	580	582	583	585	583	583	574	565	555	548	547	556	565	572	576	580	580	582	574
13 Q	582	581	580	580	580	577	580	582	582	582	586	585	574	567	557	550	548	551	558	568	572	576	581	583	574
14	581	575	581	577	578	576	566	571	571	580	591	594	590	577	556	547	554	565	572	579	584	588	590	593	577
15	598	597	590	594	585	585	586	588	589	595	594	592	585	577	567	562	565	572	583	590	594	595	595	584	586
16	579	577	586	588	588	585	585	593	588	592	594	595	588	577	572	568	574	580	597	601	603	600	598	601	588
17	599	595	595	590	595	598	598	603	605	593	605	601	588	579	570	568	575	585	597	598	602	608	608	605	595
18 Q	598	598	598	598	597	596	593	595	595	594	594	593	585	579	574	575	580	580	584	588	597	601	608	605	592
19 Q	604	602	602	601	601	596	597	600	600	600	599	598	591	583	576	573	577	586	591	601	605	606	611	612	596
20	608	605	595	584	587	594	597	596	594	590	594	596	589	585	583	581	591	592	593	592	596	599	600	600	593
21	600	599	598	597	594	593	592	591	594	601	600	603	599	593	586	583	585	591	592	599	599	599	596	597	595
22	600	599	598	600	596	591	594	595	595	593	594	594	586	577	581	573	573	580	580	587	595	595	596	594	590
23	589	583	585	584	586	589	591	589	591	594	594	591	584	581	575	565	569	571	579	592	599	603	602	601	587
24 Q	600	597	596	594	592	591	594	595	597	589	600	598	594	586	576	568	566	572	583	591	599	598	598	596	591
25 D	594	572	550	564	556	565	533	522	509	507	459	539	527	540	555	520	499	517	547	550	564	569	565	535	540
26 D	525	562	553	544	564	567	537	550	562	564	558	533	566	546	543	541	528	528	528	541	565	574	568	575	551
27	576	576	572	588	570	567	567	565	559	575	576	574	572	565	554	555	552	565	573	577	575	573	582	575	560
28	576	576	575	579	574	575	577	577	576	574	582	584	582	577	570	569	561	556	565	573	579	577	582	582	575
29	585	580	575	570	562	565	576	580	582	581	586	586	579	574	562	552	570	565	565	575	582	577	575	586	574
30	583	586	587	586	583	584	585	586	585	590	594	592	586	579	569	557	555	546	554	561	578	578	582	582	578
31 D	579	567	553	558	540	554	553	564	562	572	581	587	579	561	547	559	576	574	576	585	574	559	546	547	565
Mean	585	585	582	583	580	581	580	581	580	583	585	586	580	572	561	555	555	560	570	578	585	587	585	586	578

65097-8—61

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 38 Agincourt (D) West 7° + ... ′ October 1955

Day \ Hour 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	Mean
1	13.8	17.1	16.6	15.5	15.1	17.7	18.3	17.9	15.6	16.3	16.6	16.7	12.9	11.5	13.3	15.6	18.4	21.5	22.0	21.2	20.6	18.9	17.4	16.6	17.0
2	16.3	15.0	12.0	13.6	16.0	15.7	15.6	18.6	15.5	14.7	13.9	11.9	11.9	11.9	13.7	16.5	19.3	21.1	22.0	22.1	18.4	16.1	15.2	15.3	15.9
3	14.6	12.0	09.2	17.3	15.1	14.6	26.1	13.2	20.2	16.0	12.9	16.9	13.7	10.8	12.4	16.9	22.7	25.8	24.6	22.8	20.6	18.4	17.0	15.8	17.1
4	15.6	15.5	14.3	15.7	13.8	11.0	16.6	16.2	17.2	16.6	24.3	15.3	09.1	08.0	10.1	12.8	16.6	20.9	22.9	22.4	21.1	18.9	17.0	16.5	16.2
5 D	15.6	15.5	14.3	13.5	15.2	16.9	16.3	15.2	14.6	14.3	14.1	12.3	14.2	16.5	12.9	17.5	18.9	23.4	27.0	26.7	22.5	25.8	20.1	17.5	17.5
6 D	15.5	14.7	00.4	14.8	13.3	15.4	14.3	18.0	29.4	23.9	12.2	10.9	08.6	08.6	11.9	15.8	19.6	21.2	24.4	24.2	22.5	21.0	19.1	17.7	16.6
7	16.5	16.0	16.1	16.3	16.6	16.0	16.5	14.4	14.3	15.5	15.6	16.2	15.1	13.2	14.1	16.6	19.8	21.2	22.8	23.7	23.1	21.1	19.7	17.9	17.4
8	17.2	16.6	16.0	16.1	16.1	14.4	16.1	10.4	11.3	12.6	14.2	13.2	12.3	12.6	11.8	12.0	14.2	18.0	19.7	21.4	20.6	19.7	19.1	18.9	15.6
9	18.0	18.3	18.0	17.4	15.9	16.5	16.5	14.7	15.6	15.7	15.7	15.2	13.8	12.5	12.6	14.4	16.7	19.7	22.0	22.4	21.5	21.7	19.1	17.9	17.2
10	18.9	17.4	17.3	16.5	14.8	14.3	13.1	15.5	12.9	20.9	16.2	15.5	16.6	17.4	14.7	16.3	19.9	22.1	21.1	21.5	20.1	18.8	18.2	17.9	17.4
11	17.5	17.5	17.4	16.6	17.1	17.4	17.4	14.7	19.0	18.9	19.7	22.6	24.6	21.6	17.3	18.1	20.3	22.2	21.1	19.6	18.8	18.0	17.9	17.9	18.9
12 Q	17.9	17.5	17.6	17.8	17.6	17.4	17.4	17.0	17.7	16.7	16.8	16.3	14.3	12.9	13.3	17.0	19.9	21.2	21.1	20.3	18.9	17.8	17.1	17.3	17.4
13 Q	17.5	18.0	18.0	18.0	17.9	17.7	17.0	16.6	16.6	15.7	16.4	15.9	14.3	13.1	14.2	16.0	20.3	22.4	21.2	20.9	19.1	18.5	17.6	17.0	17.5
14	17.8	17.2	16.6	17.9	17.8	16.6	13.5	12.4	10.4	10.7	11.5	14.0	12.4	12.4	13.3	17.1	20.9	23.3	23.5	22.5	20.2	18.9	18.4	17.9	16.6
15	17.8	17.7	17.8	15.5	17.6	17.1	16.5	15.9	15.1	15.3	15.5	15.6	14.6	13.5	12.9	15.9	18.9	20.8	20.8	19.9	18.9	18.1	17.5	18.9	17.0
16	19.7	15.5	17.0	17.5	17.1	17.0	16.6	16.0	14.4	15.2	15.0	14.3	13.1	12.4	12.9	17.0	20.1	21.4	20.8	19.7	18.1	17.8	17.9	17.9	16.9
17	17.8	16.5	17.3	17.0	17.1	16.5	16.5	15.7	15.2	15.3	14.8	14.2	13.6	13.6	14.3	16.5	19.0	20.2	20.8	20.1	18.9	18.0	17.6	17.3	16.8
18 Q	17.1	17.1	17.1	17.0	16.6	16.5	16.5	16.5	16.2	15.6	15.4	14.8	13.5	13.0	14.1	16.6	18.3	19.8	20.6	20.2	19.0	18.4	17.6	17.4	16.9
19 Q	16.8	16.1	16.5	16.4	16.4	16.7	16.5	16.5	16.1	15.5	15.6	15.0	13.6	12.6	14.1	16.9	18.9	19.9	20.2	20.6	19.7	18.7	18.1	17.3	16.9
20	17.1	17.1	17.3	15.5	15.6	16.6	17.0	17.1	15.0	12.4	11.5	13.2	12.9	14.3	16.3	21.1	22.4	21.7	22.1	22.0	19.9	18.4	17.5	16.8	17.1
21	17.0	16.6	16.6	16.6	16.6	16.0	15.6	14.3	15.6	14.7	13.6	14.3	14.6	12.9	13.8	16.1	17.5	20.0	20.1	19.3	18.3	18.8	17.9	17.1	16.4
22	16.0	16.0	15.6	15.6	15.5	15.2	15.1	15.3	14.8	15.6	12.5	13.4	10.6	14.4	16.6	17.5	21.2	22.9	23.9	22.5	19.9	18.3	16.8	16.0	16.7
23	15.6	13.6	16.0	15.5	16.5	15.9	15.3	15.2	15.4	14.8	14.3	13.7	15.4	12.9	10.4	11.5	14.5	17.4	18.9	18.9	18.4	17.5	16.8	16.0	15.4
24 Q	15.5	15.5	15.5	15.0	15.5	15.5	15.6	16.2	15.4	15.0	14.7	14.1	12.8	11.9	11.6	12.9	15.2	17.0	18.2	18.4	17.8	17.3	17.1	17.1	15.4
25 D	11.9	09.5	11.9	13.9	13.2	12.8	10.6	24.1	12.0	07.7	26.3	25.3	24.4	34.7	25.2	21.6	22.8	27.0	24.7	22.1	17.5	16.0	17.9	13.4	18.6
26 D	14.3	12.0	14.6	06.3	18.8	13.8	20.1	23.6	18.1	19.2	15.6	23.5	16.6	16.2	15.5	16.9	18.1	18.4	22.6	22.7	16.2	17.8	13.2	12.0	15.7
27	16.2	16.4	15.3	19.2	17.1	17.0	16.6	19.3	22.1	17.0	13.7	15.4	16.6	16.5	18.2	20.3	22.1	21.7	21.8	20.2	17.9	15.5	17.3	17.0	17.9
28	16.5	16.1	15.5	16.5	17.6	16.3	16.1	18.9	16.2	17.0	15.5	15.4	21.2	18.9	19.1	19.3	17.6	19.8	20.1	19.7	18.0	16.4	16.6	17.1	17.6
29	16.6	16.6	16.5	15.0	15.1	14.4	15.5	17.5	14.7	15.6	15.5	13.8	13.7	12.9	11.9	17.8	21.1	21.5	23.0	22.5	20.1	17.9	16.6	16.4	16.9
30	16.1	15.6	15.5	15.6	16.0	16.1	15.8	15.3	15.5	15.5	14.3	13.8	15.1	11.5	11.6	13.2	14.7	19.8	22.9	22.5	22.4	20.9	18.3	17.1	16.6
31 D	16.5	14.1	10.7	12.4	12.9	14.3	16.0	12.0	13.8	13.4	12.9	13.4	11.8	12.5	16.3	20.2	21.6	19.3	22.5	25.3	28.0	26.6	23.7	19.4	17.1
Mean	15.6	15.8	15.2	15.7	16.0	15.8	16.3	16.3	16.0	15.6	15.4	15.4	14.4	14.1	14.2	16.6	19.1	21.0	21.9	21.6	19.9	18.9	17.8	17.0	16.9

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 39 Agincourt (Z) 56,000 γ + October 1955

Day \ Hour 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	Mean
1	221	215	210	208	205	197	190	184	180	190	191	191	205	206	206	203	202	199	203	210	214	214	211	208	203
2	206	208	208	205	206	205	202	188	166	182	194	197	202	202	202	200	196	202	210	209	217	212	211	208	202
3	208	205	192	169	186	189	163	180	168	170	183	189	199	199	199	197	198	205	204	201	201	201	203	204	192
4	204	204	202	192	180	190	183	189	195	189	171	174	189	192	193	195	192	192	195	199	205	207	207	204	194
5 D	205	204	203	202	199	204	201	199	201	199	199	201	198	195	189	192	198	194	210	207	237	250	282	237	210
6 D	226	220	190	175	191	177	183	179	150	123	153	187	199	199	195	198	199	207	205	205	205	205	207	208	191
7	210	213	210	208	203	201	197	195	196	198	197	197	195	193	190	188	189	190	193	200	203	203	205	203	199
8	197	197	194	194	195	194	194	168	179	189	194	194	195	194	192	186	182	185	189	191	195	200	198	198	191
9	198	200	203	204	203	202	200	197	198	198	198	198	198	198	195	189	186	188	194	196	200	204	210	210	199
10	206	203	201	200	203	200	194	200	183	187	174	189	191	194	197	197	197	195	200	204	205	194	193	193	197
11	200	200	198	194	192	192	191	181	155	149	157	164	171	181	194	197	203	205	204	206	206	205	204	203	190
12 Q	203	200	198	198	200	200	200	200	200	199	200	201	203	202	200	196	195	196	197	197	198	200	200	200	199
13 Q	199	197	197	197	197	199	199	198	197	196	197	197	200	198	194	194	195	199	200	202	206	206	206	205	199
14	204	202	200	201	201	199	190	186	184	191	196	200	198	194	195	193	191	191	197	200	200	200	200	200	196
15	199	197	199	194	197	197	196	196	194	193	193	196	197	199	197	191	191	197	201	200	197	197	199	190	196
16	209	209	204	202	199	198	197	191	194	197	197	199	197	199	196	194	196	197	195	194	195	194	194	195	198
17	194	193	193	199	197	196	195	204	196	193	193	193	196	196	196	193	193	194	196	197	197	194	193	190	195
18 Q	192	192	192	192	192	192	192	192	192	192	192	193	195	196	192	187	187	189	189	192	195	195	194	193	192
19 Q	192	192	192	191	190	190	190	190	191	191	191	192	192	191	188	181	183	189	192	193	194	193	191	192	191
20	189	189	193	195	196	195	193	190	180	172	180	187	192	192	190	188	190	190	193	193	195	196	196	193	190
21	192	192	193	193	193	194	190	189	192	189	186	186	188	192	189	186	189	195	195	196	198	198	196	196	192
22	195	195	194	193	193	193	193	193	192	186	184	188	189	192	191	192	192	198	195	196	198	198	196	195	193
23	197	200	199	197	192	192	192	193	192	192	192	192	192	189	186	185	186	189	192	194	194	195	192	191	192
24 Q	189	189	189	189	191	192	191	191	191	191	189	191	191	191	191	189	188	189	189	189	191	189	191	191	190
25 D	191	194	207	201	200	196	158	001	043	108	099	116	143	171	182	185	212	225	221	233	242	221	212	236	175
26 D	224	216	206	173	125	165	155	159	188	193	187	173	206	200	210	204	208	224	227	245	231	217	213	207	198
27	206	203	200	182	189	188	180	180	170	177	185	189	197	194	198	197	198	201	201	207	210	210	206	206	195
28	202	202	200	193	193	196	196	192	190	181	176	181	178	170	181	178	182	188	193	199	205	205	204	202	191
29	199	199	197	197	197	194	193	192	196	197	199	199	198	196	194	192	191	194	202	205	211	211	211	205	199
30	202	199	199	197	196	196	196	196	194	196	196	198	202	200	199	194	193	120	211	214	214	205	204	203	200
31 D	200	202	203	194	193	191	179	175	185	193	200	203	204	197	197	196	200	199	194	201	224	273	261	239	204
Mean	202	201	199	194	193	194	190	183	182	184	185	189	193	194	194	192	194	197	200	203	206	206	206	204	195

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 40 Agincourt — October 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	20	56	601	16	19	538	63	05	54	23.4	00	01	6.6	16.8	00	08	224	08	36	177	47
2	10	38	597	17	13	533	64	18	43	23.9	02	27	9.3	14.6	20	02	217	08	24	155	62
3	03	03	632	15	41	527	105	06	21	33.0	02	52	4.6	28.4	00	22	211	06	21	148	63
4	11	05	609	16	08	531	78	10	18	25.4	13	18	7.4	18.0	21	23	208	10	28	162	46
5 D	19	28	602	22	45	526	76	19	13	29.4	14	36	9.1	20.3	22	37	303	14	27	187	116
6 D	02	50	589	17	45	504	85	08	35	44.8	02	39	-10.4	55.2	00	05	229	09	05	117	112
7	22	58	629	17	10	552	77	19	57	23.9	13	40	12.2	11.7	22	57	215	15	11	187	28
8	02	33	616	16	47	548	68	19	45	22.0	07	25	7.9	14.1	21	20	203	07	18	161	42
9	21	01	601	16	58	552	49	19	30	22.7	14	00	11.9	10.8	22	50	213	16	58	183	30
10	07	54	605	16	10	532	74	09	43	26.3	08	27	9.5	16.8	00	05	208	10	19	167	41
11	11	23	601	16	08	533	68	12	38	26.5	07	46	10.7	15.8	19	15	207	09	25	140	67
12 Q	09	03	585	15	57	546	39	17	44	21.7	13	54	12.4	9.3	12	20	204	16	10	195	9
13 Q	10	36	587	16	30	545	43	17	29	22.7	13	35	12.8	9.9	20	58	207	16	13	192	15
14	12	01	597	16	04	546	51	18	22	23.8	08	48	8.2	15.6	00	01	205	08	42	179	26
15	03	28	601	15	39	558	43	18	10	21.1	14	13	12.6	8.5	23	59	202	03	32	188	14
16	20	00	604	15	36	565	39	00	43	24.5	14	00	11.2	13.3	00	51	217	07	40	187	30
17	22	07	610	15	00	565	45	18	44	21.5	02	53	13.4	8.1	03	19	199	23	58	188	11
18 Q	22	24	608	15	05	572	36	18	33	20.8	13	36	12.8	8.0	13	00	198	15	40	186	12
19 Q	22	56	615	15	18	571	44	18	21	21.1	13	40	12.4	8.7	20	15	195	16	11	180	15
20	00	22	609	15	19	576	33	18	38	23.1	10	20	10.4	12.7	21	06	196	09	25	168	28
21	21	16	607	15	57	580	27	18	01	20.7	13	30	12.0	8.7	21	15	201	15	57	181	20
22	03	07	604	18	18	568	36	18	26	24.7	12	23	9.7	15.0	17	35	199	09	33	181	18
23	21	41	605	15	30	561	44	18	41	19.6	14	39	9.8	9.8	01	22	200	15	32	182	18
24 Q	20	42	604	16	08	564	40	19	34	18.9	13	58	11.2	7.7	06	00	192	16	24	188	4
25 D	00	56	601	10	34	343	258	13	08	45.1	00	57	-0.9	46.0	23	44	255	07	46	-40	295
26 D	04	09	604	00	10	496	108	04	26	29.2	00	26	-27.9	57.1	19	56	276	04	17	86	190
27	03	27	605	16	43	549	56	08	20	24.0	10	32	13.0	11.0	20	38	211	08	33	162	49
28	12	33	587	17	10	554	33	12	32	23.2	10	55	12.9	10.3	20	54	206	13	12	162	40
29	23	29	590	15	22	543	47	18	07	23.8	14	42	11.1	12.7	22	06	212	16	40	187	25
30	11	34	594	17	52	536	58	18	26	24.2	13	19	10.1	14.1	20	20	218	15	50	192	26
31 D	20	07	597	04	38	534	63	20	27	32.6	02	15	8.4	24.2	21	39	297	06	50	172	127
Mean			603			540	63			25.4			8.2	17.2			217			165	52
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 1955

Day \ Hour 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	Mean
1	553	558	553	567	540	551	564	573	574	575	576	577	569	560	549	542	542	545	555	555	571	578	578	582	562
2	581	578	573	579	577	581	582	585	585	588	591	588	575	568	529	532	544	557	574	585	598	598	594	596	575
3 Q	594	591	591	586	585	585	587	588	588	586	587	589	582	570	557	550	547	554	563	573	578	585	587	589	579
4 D	586	572	566	536	528	502	518	571	574	577	578	575	575	571	559	551	551	558	567	576	569	567	574	571	560
5	564	558	561	563	566	567	574	570	579	582	584	587	581	577	565	551	546	548	556	564	574	580	583	579	569
6 Q	584	577	576	579	576	577	578	580	583	584	586	589	584	572	558	538	538	550	563	569	574	578	581	584	573
7 Q	578	573	576	578	578	578	576	577	576	579	581	583	580	567	553	544	546	551	558	569	579	586	587	588	573
8	589	588	586	579	573	576	576	574	574	582	583	592	587	574	556	542	561	578	585	583	588	594	586	561	578
9	557	574	577	578	568	566	569	574	574	578	581	578	569	561	558	565	553	556	567	574	583	584	584	584	571
10	583	579	579	579	579	579	579	577	578	582	581	579	574	565	558	554	554	556	569	569	583	587	587	583	575
11	579	575	577	579	583	582	588	585	586	587	587	585	580	567	555	552	553	563	573	580	582	582	593	597	578
12	593	595	594	590	589	590	591	585	573	554	583	580	579	568	556	555	554	552	563	575	582	584	580	583	577
13	585	588	583	583	571	580	575	581	580	583	582	582	570	562	554	550	551	559	568	581	587	587	589	590	576
14	589	587	586	586	587	587	587	588	589	589	589	589	585	573	559	553	562	570	587	594	598	595	595	594	584
15	598	596	591	588	587	590	577	580	580	580	568	565	578	575	560	553	544	539	551	547	558	565	555	557	570
16 D	542	545	527	526	542	552	518	532	545	562	563	580	568	567	564	555	542	546	557	562	568	562	567	570	554
17	572	568	568	552	544	575	574	572	572	571	574	573	564	556	553	552	549	551	557	563	572	565	571	575	564
18 D	577	577	577	573	569	580	568	560	562	568	571	578	570	567	570	570	560	488	514	550	550	559	557	562	561
19 D	563	570	572	563	564	565	561	566	564	545	554	514	523	441	413	492	546	517	529	545	584	573	553	545	540
20 D	535	502	535	545	553	527	497	483	475	499	525	526	492	524	507	482	468	512	525	529	527	525	529	520	514
21	522	520	524	541	543	551	554	569	558	559	564	564	561	560	551	541	534	531	538	548	555	563	570	569	549
22 Q	569	569	567	565	564	565	566	566	569	571	570	574	579	574	563	551	544	544	553	560	568	573	574	575	566
23 Q	574	574	573	575	573	573	575	574	575	576	578	581	577	569	560	558	555	558	566	574	581	584	588	585	573
24	589	590	589	585	583	581	575	569	570	581	584	584	585	583	575	566	564	561	566	573	561	574	579	571	577
25	568	558	556	565	575	578	579	579	579	583	583	585	575	573	575	558	545	558	564	569	574	578	581	581	572
26	579	576	574	571	575	581	581	582	586	586	586	589	584	579	566	556	554	557	566	575	581	581	582	580	576
27	580	586	587	586	584	585	586	586	584	584	587	579	582	581	582	560	559	557	568	575	581	584	584	584	579
28	585	584	582	582	582	585	589	592	591	588	582	596	595	584	571	559	551	555	561	574	579	574	559	561	578
29	570	564	561	561	567	572	574	581	576	574	576	576	582	575	565	559	556	556	559	562	562	569	575	579	569
30	580	580	577	575	572	578	577	579	582	584	583	583	584	581	572	570	569	567	569	576	584	582	580	581	578
31																									
Mean	574	572	571	571	569	571	570	572	573	575	575	578	573	564	553	548	548	550	560	568	575	577	577	576	568

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 42 Agincourt (D) West 7° + ... ' November 1955

Day \ Hour 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	Mean
1	16.0	15.3	14.3	19.0	15.4	10.1	16.2	18.4	17.4	15.8	15.5	15.7	13.4	11.1	11.6	14.3	18.3	22.0	24.0	22.8	20.1	18.8	17.3	16.2	16.6
2	16.6	16.5	14.6	16.2	16.5	19.1	18.8	17.5	16.0	14.0	14.2	15.3	15.0	13.6	15.2	18.7	21.7	24.4	24.8	23.0	20.3	19.1	17.6	17.0	17.7
3 Q	15.6	15.3	15.5	15.6	15.5	16.1	16.8	16.2	16.0	16.0	16.0	15.1	12.9	11.6	11.5	13.6	17.0	20.3	21.2	20.1	17.8	16.6	16.2	16.5	16.0
4 D	14.7	14.3	11.9	07.4	10.4	07.8	07.7	14.6	16.0	14.4	12.7	20.7	14.3	11.1	10.9	14.2	18.0	20.1	20.2	21.1	21.6	21.2	15.4	21.0	15.1
5	18.7	16.6	14.6	12.7	12.6	13.4	17.1	19.0	21.7	17.4	17.2	15.1	16.9	13.7	11.9	15.4	18.9	21.7	22.7	21.7	20.2	19.2	18.1	16.1	17.2
6 Q	16.4	17.0	16.6	16.4	16.4	16.1	16.1	16.0	16.4	16.1	15.7	15.3	14.1	12.0	12.0	14.3	18.2	20.8	21.8	20.6	19.3	18.4	17.9	16.6	16.7
7 Q	14.8	14.7	15.5	15.5	16.2	16.6	17.3	16.9	16.0	14.5	14.7	15.1	13.8	12.3	11.9	13.9	16.9	19.7	20.6	20.0	18.9	17.1	16.2	16.0	16.1
8	15.5	15.1	14.7	15.3	17.4	14.2	15.6	16.5	15.5	11.8	10.6	11.8	12.2	11.7	12.6	18.1	24.2	23.1	22.5	20.6	18.9	18.2	20.2	20.1	16.5
9	12.8	15.3	14.7	15.3	13.9	14.7	13.7	13.2	12.8	13.7	13.0	13.4	13.3	12.4	12.3	15.3	18.2	20.4	21.5	20.6	18.9	18.1	17.5	17.1	15.5
10	16.4	15.6	15.5	15.6	15.5	16.1	16.9	17.3	17.0	15.5	14.6	14.6	13.9	12.8	12.9	15.2	18.3	21.1	21.6	20.7	18.9	18.0	17.1	16.2	16.6
11	16.9	15.1	15.6	15.9	15.7	15.6	16.9	16.1	15.7	14.5	15.5	14.3	12.0	11.0	12.5	15.6	19.1	21.0	21.7	20.3	19.7	18.3	16.6	16.4	16.3
12	16.5	15.5	15.5	15.5	15.2	15.5	15.4	13.8	23.5	07.2	06.1	06.4	09.2	11.8	13.2	15.6	18.7	22.9	27.7	24.6	20.8	17.8	16.6	16.0	15.9
13	15.2	14.7	14.5	14.6	15.7	17.5	17.1	17.1	14.5	13.5	13.8	13.7	12.8	12.6	13.6	16.6	19.3	22.0	22.0	19.9	17.9	17.0	16.4	16.2	16.2
14	16.2	16.1	16.2	16.5	16.2	15.7	16.0	16.0	15.5	14.3	14.6	13.7	12.7	12.3	12.6	15.7	18.4	21.1	21.5	20.3	18.9	17.3	16.5	15.7	16.3
15	14.6	14.5	15.1	15.5	16.0	14.7	15.5	18.9	14.2	11.0	15.2	23.9	20.2	17.2	18.1	20.7	21.7	25.3	24.4	25.3	23.9	19.8	16.6	14.2	18.2
16 D	14.7	11.9	12.0	10.1	13.8	14.3	10.8	12.0	13.5	18.2	13.7	14.8	18.8	18.8	18.8	18.5	22.4	23.6	25.4	26.2	25.2	20.8	18.3	16.6	17.2
17	14.2	12.8	15.2	13.8	05.8	16.5	17.1	17.1	16.6	17.6	15.3	15.4	14.1	16.0	17.2	17.9	18.4	19.8	20.8	19.7	18.9	18.6	18.3	17.1	16.4
18 D	16.2	16.1	15.5	14.6	14.5	20.1	19.9	13.3	18.2	15.0	12.4	12.5	12.0	14.7	14.7	16.3	18.3	23.6	28.5	28.5	27.6	23.0	19.6	17.5	18.0
19 D	16.2	14.4	16.5	17.1	17.5	17.5	17.1	16.0	16.2	23.9	33.1	36.2	41.3	18.0	14.7	35.0	20.1	28.3	26.5	23.3	18.4	16.9	18.2	18.3	21.7
20 D	17.6	02.7	11.8	15.3	12.5	13.2	17.8	12.5	09.7	17.4	27.1	35.1	24.8	25.2	28.1	34.0	27.5	21.6	22.5	21.9	21.1	19.7	16.9	13.0	19.3
21	12.7	13.8	10.5	09.9	13.3	17.5	17.5	21.0	19.8	17.9	16.4	16.6	17.1	15.2	14.5	15.9	17.2	19.2	20.0	20.0	20.1	19.5	18.6	17.9	16.7
22 Q	17.4	17.2	17.1	17.2	17.6	17.8	18.1	17.8	18.0	16.4	16.9	18.6	21.3	16.9	15.9	17.7	19.0	20.9	21.2	20.0	19.0	18.4	17.9	17.4	18.2
23 Q	16.9	16.6	16.4	17.0	17.2	17.9	17.4	17.3	17.1	16.6	16.2	15.5	14.7	13.6	13.6	15.6	18.3	20.2	21.1	20.7	19.8	19.6	18.3	17.4	17.3
24	16.6	16.2	16.1	15.6	16.0	16.4	15.3	14.5	22.0	15.0	13.3	15.2	18.2	18.0	18.7	19.7	22.6	24.0	23.5	22.6	21.0	18.9	17.2	16.6	18.1
25	15.3	11.2	13.6	16.2	16.4	17.2	17.2	16.1	18.8	15.5	13.0	13.0	15.2	17.5	14.6	16.6	20.0	21.4	20.7	20.1	19.0	18.4	17.4	16.9	16.7
26	16.5	14.5	14.3	15.5	17.2	16.6	17.1	17.1	16.9	15.7	16.1	15.1	14.5	13.2	12.7	14.2	16.5	18.4	19.4	19.8	19.2	18.8	18.0	16.6	16.4
27	14.7	15.4	15.5	16.3	16.5	16.6	16.8	17.1	16.4	17.5	15.2	15.4	15.7	13.9	13.7	16.9	18.5	20.8	21.5	20.6	19.3	18.8	17.2	16.4	16.9
28	16.1	15.6	16.1	16.2	16.2	16.2	16.5	16.5	16.2	15.9	19.3	17.2	15.4	14.7	12.3	13.3	16.2	18.2	19.9	20.6	20.6	20.9	14.6	18.4	16.8
29	16.4	16.2	15.5	15.4	14.7	16.6	17.4	17.8	16.2	14.7	16.5	16.5	16.0	14.6	13.0	14.2	16.7	18.9	20.7	21.2	21.2	19.7	17.9	17.2	16.9
30	16.6	16.2	16.2	13.8	14.3	17.5	15.7	16.2	16.0	15.2	15.3	16.1	15.1	12.5	12.3	13.5	15.6	17.9	20.0	20.1	19.4	18.4	17.0	16.2	16.1
31																									
Mean	15.8	14.6	14.9	15.0	15.1	15.8	16.3	16.3	16.7	15.4	15.6	16.6	16.0	14.3	14.3	17.2	19.1	21.4	22.3	21.6	20.2	18.8	17.4	16.8	17.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 43 Agincourt (Z) 56,000 γ + November 1955

Day \ Hour 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	Mean
1	237	225	219	172	132	177	199	210	209	210	210	211	211	208	208	207	208	211	217	220	217	216	211	210	206
2	206	204	206	206	204	202	198	200	204	204	203	203	203	206	209	216	216	215	212	213	212	209	205	203	207
3 Q	203	203	203	203	203	203	201	200	201	202	203	203	206	206	203	198	194	197	201	206	208	206	203	203	202
4 D	202	203	203	192	174	143	164	209	207	208	200	200	199	206	204	200	205	205	206	209	215	222	227	225	201
5	227	228	216	199	195	201	206	194	174	174	183	196	200	200	198	194	194	197	203	208	209	209	207	204	201
6 Q	203	203	204	204	204	203	203	203	203	203	203	202	204	204	204	198	197	203	206	209	210	207	206	203	204
7 Q	202	205	202	202	202	202	202	202	202	202	200	201	203	203	202	198	197	197	199	201	202	202	200	200	201
8	198	197	196	197	193	190	192	193	191	190	193	194	194	194	194	193	196	197	199	199	199	202	209	238	198
9	238	214	205	203	199	203	208	203	202	202	200	200	199	199	196	194	190	193	199	202	202	202	200	200	202
10	199	199	199	198	198	197	196	199	201	200	199	199	199	197	193	188	181	197	202	203	205	204	202	201	199
11	200	202	202	200	199	197	194	196	197	197	197	197	197	197	194	193	194	196	202	205	205	202	202	199	198
12	195	195	195	195	195	195	195	192	152	130	171	182	187	189	192	192	195	201	207	207	204	202	204	204	191
13	199	199	200	201	207	208	208	205	203	201	201	199	199	199	198	196	199	202	207	208	204	201	201	201	202
14	198	198	197	197	196	196	196	196	196	195	196	196	198	196	193	192	195	197	201	199	198	196	197	196	197
15	195	194	194	194	192	183	189	183	186	189	177	178	178	184	190	190	198	207	213	222	225	222	225	223	197
16 D	225	219	198	211	196	158	158	161	173	187	187	186	186	189	189	184	193	204	216	226	231	235	237	222	199
17	215	216	211	205	179	192	200	201	200	200	198	200	200	200	197	195	195	200	204	206	207	206	203	200	201
18 D	200	200	200	200	200	198	167	185	183	194	200	198	197	197	197	197	197	203	249	273	237	226	221	215	206
19 D	213	212	210	209	208	209	209	209	203	156	083	080	105	145	170	230	233	211	215	222	229	218	216	233	193
20 D	257	290	282	257	233	205	179	149	087	102	123	128	186	213	212	210	225	276	270	263	251	245	236	239	213
21	233	222	211	191	195	201	204	198	193	198	203	206	207	207	209	209	212	212	215	217	218	213	210	207	208
22 Q	206	206	205	205	206	206	204	201	203	203	202	200	192	188	189	191	195	201	209	211	210	209	205	205	202
23 Q	204	203	202	201	200	200	197	201	203	202	201	200	200	203	202	201	201	201	204	207	207	206	205	203	202
24	202	201	200	200	200	200	197	199	194	189	195	195	195	192	192	192	195	200	201	204	206	206	206	206	199
25	204	207	206	209	204	202	201	200	194	188	194	192	194	198	195	191	192	200	204	206	205	205	203	201	200
26	200	203	202	203	200	200	200	200	198	198	198	197	197	199	200	201	200	201	203	203	203	204	203	200	201
27	201	199	198	197	198	198	197	195	197	197	195	194	195	195	193	192	194	197	203	201	204	203	201	200	198
28	199	199	197	197	196	197	197	196	196	194	186	178	181	185	186	185	190	193	196	199	200	202	218	214	195
29	205	203	202	194	193	196	196	191	187	191	193	194	195	196	190	187	190	193	196	200	205	205	203	200	196
30	199	198	197	196	193	191	193	196	196	196	195	194	193	193	190	186	186	185	190	196	199	197	197	196	194
31																									
Mean	209	208	205	201	197	195	195	195	191	190	190	190	193	196	196	197	199	193	208	211	211	209	209	208	200

5097-8—7

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 44 Agincourt — November 1955

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	23	45	586	04	28	527	59	04	02	26.9	05	15	6.0	20.9	00	51	240	03	55	113	127
2	20	25	609	14	48	519	90	17	58	25.7	02	55	6.6	19.1	16	36	217	06	18	194	23
3 Q	00	17	596	16	08	545	51	17	55	21.9	14	27	10.8	11.1	20	41	209	16	13	192	17
4 D	00	12	594	05	42	475	119	11	12	24.4	06	43	1.9	22.5	22	09	233	05	42	82	151
5	08	21	588	16	33	544	44	08	48	22.9	04	56	9.7	13.2	01	03	232	08	25	168	64
6 Q	00	12	590	15	58	536	54	18	30	22.0	13	40	11.5	10.5	20	50	210	16	18	196	14
7 Q	23	59	589	16	15	541	48	18	44	20.9	13	42	11.9	9.0	01	50	205	16	13	196	9
8	21	52	606	15	17	539	67	17	12	25.6	10	00	9.1	16.5	23	44	260	09	29	187	73
9	22	01	587	00	15	538	49	18	27	21.9	00	25	8.9	13.0	00	17	257	16	31	188	69
10	22	15	592	16	56	550	42	18	57	22.8	14	08	11.5	11.3	19	45	206	16	31	187	19
11	23	41	598	15	59	547	51	18	08	22.0	14	01	10.8	11.2	20	26	206	15	43	189	17
12	01	55	596	17	58	536	60	18	48	29.0	09	55	-0.4	29.4	18	34	212	09	25	108	104
13	23	28	591	16	03	547	44	17	54	23.3	03	30	11.5	11.8	04	47	213	15	05	195	18
14	20	38	608	15	20	551	57	17	58	21.8	13	38	11.7	10.1	19	36	202	15	21	191	11
15	00	32	600	17	38	519	81	17	40	29.0	10	17	9.5	19.5	23	06	228	10	38	166	62
16 D	11	40	582	03	10	514	68	19	40	27.2	02	04	3.4	23.8	22	10	243	05	31	135	108
17	05	05	579	04	28	511	68	18	43	21.0	04	16	-7.4	28.4	00	54	218	03	20	162	56
18 D	05	43	611	17	44	461	150	18	51	35.3	08	04	9.8	25.5	18	58	306	06	10	132	174
19 D	20	33	650	13	26	351	299	12	18	49.3	13	51	2.2	47.1	20	34	266	10	54	39	227
20 D	04	45	569	08	08	436	133	15	42	39.1	01	14	-9.5	48.6	01	38	323	08	08	45	278
21	22	47	571	01	23	515	56	07	40	23.4	03	03	3.5	19.9	00	06	244	03	10	183	61
22 Q	12	40	581	17	03	540	41	12	22	23.0	14	14	14.3	8.7	19	02	212	14	10	185	27
23 Q	23	02	590	16	10	554	36	18	35	21.6	13	58	12.7	8.9	20	02	210	06	09	194	16
24	00	13	591	17	39	558	33	08	32	28.1	10	51	12.5	15.6	22	17	208	08	48	183	25
25	11	47	588	16	18	539	49	16	56	21.8	01	18	8.6	13.2	03	09	210	09	26	186	24
26	10	26	590	16	36	552	38	19	02	20.2	14	10	12.3	7.9	18	56	205	09	06	196	9
27	10	09	590	17	20	553	37	18	10	21.8	00	08	12.1	9.7	20	49	206	14	48	188	18
28	11	25	602	22	59	544	58	22	01	21.8	22	32	4.5	17.3	22	30	232	11	39	173	59
29	07	53	586	17	28	548	38	20	38	22.1	14	44	12.6	9.5	00	01	206	15	35	185	21
30	20	53	587	18	26	564	23	18	54	20.7	03	58	9.7	11.0	00	48	199	17	38	184	15
31																					
Mean			593			525	68			25.2			7.7	17.5			227			164	63
No. days			30			30	30			30			30	30			30			30	30

65097-8—71

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 45 Agincourt (H) 15,000 γ + December 1955

Day \ Hour 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	Mean
1 D	583	577	583	581	581	582	585	587	592	592	593	599	595	572	562	545	525	539	533	548	569	556	530	540	569
2	528	527	520	516	508	512	505	526	530	543	566	573	569	554	541	534	537	547	556	564	572	577	582	580	544
3	580	579	578	578	579	583	586	588	588	588	588	589	591	589	572	572	570	571	579	583	579	588	598	600	583
4	594	582	577	575	579	577	579	583	583	583	584	584	583	573	568	545	543	549	559	572	581	588	592	592	576
5	590	594	590	590	589	589	588	588	588	589	590	592	590	582	567	562	563	562	568	584	590	595	592	583	585
6 D	585	570	575	581	580	567	570	572	576	570	565	570	572	572	560	552	553	554	560	570	585	569	576	571	570
7	570	583	577	557	570	579	580	577	576	581	580	583	580	577	567	560	557	562	569	577	587	590	595	592	576
8	589	582	577	577	579	573	570	575	580	585	584	587	589	588	583	571	561	563	572	584	570	573	585	587	578
9	579	570	580	584	587	588	586	587	579	587	587	592	582	565	572	570	567	565	567	572	578	585	587	588	579
10	589	584	582	580	579	582	582	581	582	582	584	584	577	580	581	576	562	562	564	573	582	585	589	587	579
11	587	589	590	590	587	587	585	585	586	587	589	588	587	586	582	570	567	569	574	581	588	590	592	587	584
12	589	593	590	590	591	588	591	589	593	593	590	593	593	587	582	575	570	573	582	586	588	593	591	588	588
13 Q	586	590	590	586	585	591	592	593	594	596	595	595	593	590	583	573	569	575	585	592	597	599	600	599	590
14 Q	598	595	593	591	591	593	594	600	599	599	600	599	599	596	595	591	582	582	588	592	597	603	604	603	595
15	600	596	593	593	593	593	594	594	597	597	599	601	602	604	600	587	580	578	583	584	589	593	591	581	592
16	581	578	573	564	571	574	581	589	592	596	600	602	606	600	593	580	569	568	581	588	594	592	592	591	586
17	589	590	587	584	586	588	593	595	599	599	602	605	602	599	595	583	577	576	580	586	588	593	594	593	589
18 Q	591	586	589	593	595	597	599	601	604	602	603	602	600	593	587	578	573	576	583	593	602	607	607	604	594
19	603	600	596	596	599	599	599	595	591	596	595	594	600	603	586	566	569	574	578	582	586	578	574	576	589
20	575	570	565	559	574	580	583	580	583	583	586	586	583	581	590	582	570	565	569	578	583	581	581	576	578
21	571	570	568	565	573	582	581	582	586	589	591	591	588	574	563	559	558	563	565	571	569	574	574	575	574
22	574	574	576	568	568	581	585	586	593	590	586	588	588	586	584	582	578	578	583	583	587	590	588	587	583
23 Q	584	581	577	585	583	583	586	590	590	593	591	591	591	588	582	568	563	565	576	586	591	591	591	590	584
24	591	586	585	584	587	591	593	597	600	602	605	609	606	599	597	593	585	591	599	606	609	609	606	590	597
25 D	574	565	571	574	565	584	570	578	588	593	597	600	599	584	568	584	572	565	560	553	566	575	582	587	577
26 D	586	583	580	580	581	580	578	583	586	587	586	577	604	602	586	578	585	566	560	573	574	551	548	558	578
27 D	561	553	540	532	517	539	565	567	569	578	575	586	578	580	576	568	555	553	563	572	579	581	586	586	565
28	586	585	584	584	585	586	587	589	591	593	595	592	589	590	583	564	558	565	571	576	587	590	593	591	584
29 Q	588	590	589	590	587	590	591	591	591	592	594	593	593	588	584	571	565	568	578	586	593	597	600	599	588
30	595	591	588	586	587	590	593	596	599	599	599	599	595	589	582	566	563	563	578	583	592	599	607	604	589
31	601	595	593	590	578	568	568	577	590	596	598	596	599	595	585	571	560	565	580	584	583	596	593	593	586
Mean	584	581	579	577	577	580	582	585	587	589	590	592	590	586	579	570	565	566	572	579	585	587	588	587	582

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 46 Agincourt (D) West 7° + ... ′ December 1955

Day \ Hour 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	Mean
1 D	15.6	12.7	15.5	15.5	16.2	16.6	16.6	16.5	16.2	16.3	17.4	12.7	11.9	15.5	18.4	15.6	22.1	24.8	27.6	24.7	25.5	23.5	23.6	24.7	18.6
2	17.5	16.6	12.9	14.6	12.3	12.3	06.3	09.8	11.9	10.6	14.2	17.0	15.1	15.6	15.5	17.4	19.0	20.8	21.8	21.0	20.2	19.4	17.9	17.2	15.7
3	16.5	16.3	16.1	16.4	17.0	17.3	17.4	17.2	16.9	17.0	16.3	16.9	17.5	17.5	18.3	19.0	19.5	20.7	22.1	22.8	21.1	18.9	16.7	16.3	18.0
4	15.5	15.2	14.6	15.5	16.0	17.2	17.2	16.6	15.4	16.2	15.7	15.3	14.5	13.3	13.3	16.2	19.2	21.0	21.8	21.0	19.4	19.3	17.2	16.6	16.8
5	15.6	15.3	14.6	15.2	16.2	16.2	15.6	16.0	16.2	16.2	16.0	15.5	14.4	12.6	11.7	14.8	17.2	19.5	20.9	20.7	20.0	18.9	16.5	15.5	16.3
6 D	20.0	15.1	13.7	12.9	18.3	13.7	15.9	12.3	13.3	14.5	13.8	16.5	15.6	13.4	13.3	15.1	17.3	19.7	21.1	20.2	20.7	21.2	19.0	19.3	16.5
7	16.5	15.6	16.5	15.0	14.3	16.1	17.8	14.7	16.9	15.5	16.0	14.7	14.7	14.2	14.1	15.1	17.3	19.2	20.2	20.2	19.0	18.4	17.0	16.6	16.5
8	16.7	17.1	16.9	15.7	14.1	13.8	13.9	13.8	14.8	15.0	13.8	14.3	15.2	14.4	12.9	13.8	16.9	17.0	17.9	18.4	20.1	19.7	18.9	17.5	15.9
9	17.4	12.4	16.2	15.2	16.0	16.1	15.5	13.7	15.6	15.2	15.1	16.9	20.1	19.1	21.7	17.0	17.6	18.6	19.8	20.1	19.2	18.9	17.5	17.0	17.2
10	16.6	16.6	16.2	16.2	15.3	16.1	16.2	15.7	15.5	15.3	15.6	15.6	17.0	17.5	14.3	15.7	18.3	20.2	21.5	20.2	19.9	19.1	17.8	16.8	17.1
11	16.5	15.6	15.2	15.2	15.3	15.2	15.3	15.3	15.2	15.3	16.0	15.7	15.5	14.9	13.3	12.8	15.6	18.3	20.1	19.3	19.0	19.2	18.1	17.6	16.2
12	16.8	15.5	15.0	15.2	15.3	15.3	16.1	15.5	15.6	15.5	15.2	15.4	14.7	13.5	13.2	13.7	16.1	18.9	20.7	20.5	21.2	20.2	18.7	16.9	16.4
13 Q	16.0	15.5	15.2	15.6	16.0	16.2	16.1	15.9	16.0	15.6	15.5	15.1	15.0	13.8	12.9	13.7	16.1	17.8	18.8	19.3	18.1	16.9	16.0	16.0	16.0
14 Q	15.5	15.0	15.1	15.3	15.6	16.0	16.1	16.6	15.5	15.5	15.4	15.3	15.1	13.5	11.9	13.5	15.8	17.7	18.5	19.1	18.8	17.9	16.5	16.0	15.9
15	15.6	16.0	15.3	14.9	14.2	15.0	15.9	15.7	15.6	15.3	15.1	14.7	14.3	13.3	11.9	13.2	15.4	18.8	20.0	20.3	19.8	19.0	18.3	18.0	16.1
16	16.6	15.1	14.6	13.2	11.9	13.2	16.8	17.5	22.0	18.1	15.6	13.6	13.3	11.7	12.3	13.5	17.0	20.6	21.1	20.0	18.9	17.5	16.5	16.2	16.1
17	15.9	15.5	15.3	15.5	15.2	16.1	16.2	16.3	16.2	16.1	16.5	14.6	13.7	12.8	12.0	12.8	16.5	19.2	19.8	18.9	18.0	17.0	16.1	15.6	15.9
18 Q	15.1	15.2	15.0	15.5	16.1	16.5	16.6	17.0	16.0	15.7	15.5	15.2	14.6	13.7	12.7	13.3	14.9	16.6	17.9	18.3	17.9	17.0	15.6	15.0	15.7
19	14.6	14.3	13.8	14.3	14.6	15.1	15.5	16.0	15.5	14.6	12.5	13.8	14.2	12.9	10.9	15.5	20.1	21.6	21.2	23.0	24.7	21.6	18.5	16.9	16.5
20	16.3	16.1	14.8	13.5	13.7	13.7	14.1	15.6	16.5	14.3	14.7	16.5	17.3	19.2	19.3	16.9	17.1	19.1	20.1	19.9	20.6	18.4	17.4	17.1	16.8
21	15.9	15.2	14.2	15.5	15.6	15.6	15.3	16.6	17.2	16.9	14.6	15.4	16.5	17.9	18.0	19.6	21.2	22.6	21.1	20.7	20.1	18.4	18.5	16.6	17.5
22	15.5	14.7	15.3	14.6	14.3	15.3	16.9	18.9	17.9	15.1	15.2	14.7	14.5	12.2	13.3	18.4	17.4	17.9	18.0	18.4	18.0	17.2	16.6	16.2	16.1
23 Q	16.0	16.0	16.5	16.0	15.4	16.5	16.8	16.6	17.0	15.6	15.2	15.0	15.6	14.3	13.2	13.7	15.1	17.7	19.2	18.8	18.2	17.4	16.5	16.5	16.2
24	16.0	15.1	14.7	15.0	15.8	15.8	16.0	16.0	15.9	15.6	15.3	14.8	15.2	14.7	12.7	13.2	17.8	20.3	20.7	19.8	18.2	17.5	16.6	18.1	16.3
25 D	20.1	16.6	13.7	12.7	12.4	21.7	12.0	15.5	16.2	16.2	16.1	15.6	13.4	16.1	24.5	23.5	19.2	18.3	21.1	21.2	23.9	20.0	17.6	16.2	17.7
26 D	15.2	14.7	14.7	15.6	16.2	15.1	17.0	16.9	16.6	16.3	16.2	22.8	26.2	23.5	22.7	24.2	22.4	17.5	18.7	22.0	23.9	25.8	19.3	18.8	19.3
27 D	14.7	16.1	10.6	07.4	07.1	11.5	15.4	15.3	18.1	19.0	19.2	17.1	16.1	15.0	15.3	14.8	16.6	17.9	18.7	19.7	18.9	17.6	17.2	16.5	15.7
28	15.7	15.5	15.4	15.5	15.7	17.0	17.3	16.9	16.4	16.1	16.5	14.9	14.5	12.8	13.2	16.6	18.6	20.7	21.1	20.1	18.5	17.4	16.0	15.7	16.6
29 Q	15.1	14.8	15.2	15.6	16.1	16.2	16.6	16.6	16.5	16.2	16.0	15.5	15.1	14.3	13.2	14.3	17.4	20.1	21.0	19.3	18.2	17.4	16.2	15.6	16.3
30	15.6	15.4	15.3	14.8	15.7	16.8	19.3	17.4	16.0	14.7	15.5	15.3	15.1	14.3	12.8	13.2	15.6	19.1	20.7	20.2	18.8	17.5	15.6	15.3	16.3
31	14.3	14.2	14.4	14.9	14.9	13.9	16.9	17.5	14.3	13.8	14.5	13.9	13.8	12.5	11.3	12.8	17.2	22.2	23.5	21.2	19.7	19.8	19.2	17.9	16.2
Mean	16.2	15.3	14.9	14.8	14.9	15.6	15.8	15.9	16.1	15.6	15.5	15.5	15.5	14.8	14.7	15.6	17.7	19.5	20.5	20.3	20.0	19.0	17.5	17.0	16.6

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 47 Agincourt (Z) 56,000 γ + December 1955

Day \ Hour 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	Mean
1 D	203	202	201	199	199	199	199	199	199	194	185	182	188	193	196	188	197	203	214	239	282	259	272	262	210
2	274	257	252	235	217	209	185	165	152	160	179	202	209	211	214	213	214	215	214	214	214	212	210	209	210
3	209	209	208	206	206	206	205	205	205	205	204	203	199	198	192	192	193	196	203	211	211	210	206	206	204
4	204	209	209	209	205	205	205	205	204	204	204	205	205	205	206	196	201	205	210	211	211	209	205	206	206
5	205	205	205	205	204	203	203	203	203	203	202	202	200	199	195	196	200	204	205	206	209	212	211	211	204
6 D	222	235	232	227	205	215	200	199	203	211	208	205	208	212	211	210	209	208	214	218	222	224	224	226	215
7	226	220	216	212	218	213	214	214	211	208	206	207	206	206	205	200	205	208	210	212	212	212	211	211	211
8	208	208	208	206	203	205	202	204	206	209	206	206	206	205	200	195	196	204	208	215	212	217	214	212	206
9	211	210	213	210	208	205	199	180	189	198	203	196	196	196	207	199	202	204	207	210	210	211	210	209	203
10	208	208	207	208	209	210	207	207	207	207	206	205	205	204	202	198	200	203	208	211	213	214	211	209	207
11	207	208	206	206	205	205	205	205	205	205	204	204	205	207	207	205	204	201	207	211	213	211	211	207	206
12	207	207	205	205	204	204	204	204	204	204	204	204	203	201	199	194	198	202	205	207	210	211	208	206	204
13 Q	205	205	205	204	204	204	205	205	205	205	204	204	204	201	201	196	196	199	204	207	205	205	203	201	203
14 Q	202	202	202	201	200	201	201	199	199	199	199	201	200	201	200	193	192	196	200	202	202	204	204	204	200
15	201	201	202	204	203	204	201	202	201	201	199	199	199	199	199	195	195	196	198	202	205	207	205	206	201
16	205	207	205	207	201	199	199	201	197	186	193	193	193	196	193	186	189	192	198	201	202	202	201	201	198
17	201	202	199	201	201	201	199	199	200	201	199	196	196	196	195	190	192	196	201	202	204	205	204	202	199
18 Q	200	201	201	201	201	201	199	199	199	199	199	198	199	199	198	194	194	196	200	203	204	201	199	199	199
19	196	196	197	198	198	198	196	195	195	192	190	193	198	198	195	193	194	197	200	207	213	216	216	213	199
20	210	213	209	211	198	186	177	192	195	195	196	196	198	200	198	195	196	202	205	210	210	211	210	209	201
21	210	210	210	205	201	199	199	201	201	200	199	199	199	198	198	195	201	204	207	211	213	214	216	213	204
22	211	211	208	207	210	209	205	201	195	199	204	205	205	205	205	202	202	206	207	208	208	208	207	206	206
23 Q	205	205	207	204	202	204	204	205	204	202	203	204	205	205	204	202	202	202	204	204	201	201	204	205	204
24	202	202	203	203	202	203	204	204	204	203	201	199	199	199	201	198	201	202	204	201	201	204	205	207	202
25 D	221	235	229	216	201	144	195	190	189	201	202	204	203	201	201	201	199	205	208	213	226	223	217	213	206
26 D	210	208	207	207	207	204	205	205	205	205	199	194	186	184	188	191	186	193	201	211	219	243	249	249	206
27 D	243	237	225	211	210	215	220	213	204	186	192	190	201	207	207	203	201	205	211	216	219	216	216	211	211
28	210	208	207	205	207	205	205	204	205	202	199	203	204	205	204	202	204	210	210	211	211	211	210	207	206
29 Q	207	207	205	205	205	205	205	205	204	204	204	204	205	205	204	196	198	201	205	210	210	208	207	205	205
30	204	205	205	204	202	201	197	202	203	203	202	201	202	204	202	196	194	197	205	205	210	210	205	204	203
31	201	201	202	202	203	199	193	196	204	205	204	201	204	203	199	191	195	196	204	207	212	214	213	216	203
Mean	211	211	209	207	205	202	201	200	200	200	200	200	201	201	201	197	199	202	206	210	213	213	212	211	205

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 48 Agincourt — December 1955

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	11	04	603	16	12	516	87	22	06	31.9	01	28	9.3	22.6	20	52	317	11	07	178	139
2	22	28	584	06	37	496	88	00	01	23.7	06	45	0.8	22.9	00	15	283	09	07	140	143
3	22	37	613	16	27	562	51	18	49	24.9	23	30	14.8	10.1	19	51	214	14	38	189	25
4	00	06	598	15	47	542	56	18	08	21.9	13	52	12.5	9.4	20	07	214	15	06	193	21
5	22	23	620	17	50	557	63	18	20	21.5	14	15	10.8	10.7	22	22	217	14	52	191	26
6 D	04	18	605	17	06	550	55	07	00	26.5	08	09	9.5	17.0	02	50	236	07	07	164	72
7	22	22	598	03	54	541	57	18	35	21.1	04	12	8.0	13.1	00	05	230	15	28	198	32
8	19	34	605	20	55	554	51	20	53	21.2	14	33	11.0	10.2	19	33	221	15	22	193	28
9	11	25	596	13	51	550	46	14	30	25.0	01	27	7.3	17.7	01	17	214	07	51	169	45
10	00	15	590	17	34	557	33	18	40	22.1	14	32	13.7	8.4	20	28	215	15	35	196	19
11	22	42	593	17	18	562	31	18	26	20.2	14	59	10.9	9.3	19	50	213	17	17	199	14
12	22	04	598	16	07	567	31	21	02	22.0	13	53	12.3	9.7	21	44	212	15	42	193	19
13 Q	21	35	601	16	40	564	37	19	26	19.6	14	43	12.1	7.5	19	50	208	16	32	195	13
14 Q	22	32	604	17	03	579	25	19	20	19.2	14	43	10.9	8.3	21	27	205	15	50	189	16
15	13	19	604	17	06	575	29	19	15	20.6	15	00	11.6	9.0	23	27	207	16	03	194	13
16	10	41	607	03	36	562	45	08	54	28.1	14	00	9.1	19.0	00	10	207	15	47	183	24
17	11	40	606	17	09	573	33	18	02	20.0	14	18	11.8	8.2	21	31	206	15	36	189	17
18 Q	21	47	608	16	33	571	37	19	23	18.4	14	47	12.2	6.2	20	02	204	15	37	192	12
19	13	03	606	15	43	563	43	20	10	25.7	14	21	10.0	15.7	22	25	217	10	08	187	30
20	05	56	599	03	13	553	46	13	55	22.0	04	36	10.7	11.3	03	36	213	06	03	159	54
21	11	01	591	16	30	553	38	17	08	23.7	03	10	12.9	10.8	20	45	216	15	48	192	24
22	08	16	594	04	04	555	39	07	55	21.7	04	00	10.0	11.7	00	01	212	08	26	191	21
23 Q	21	08	593	16	42	560	33	18	26	19.5	14	11	13.2	6.3	03	06	207	04	22	199	8
24	21	40	614	16	41	576	38	18	18	21.2	14	50	11.5	9.7	23	59	210	16	02	196	14
25 D	05	25	607	19	42	539	68	08	11	36.3	09	15	8.7	27.6	01	30	237	05	15	93	144
26 D	12	41	614	21	49	535	79	21	10	28.6	05	10	14.5	14.1	23	59	256	12	54	183	73
27 D	11	44	588	04	20	503	85	09	03	25.4	02	54	3.1	22.3	00	14	261	19	24	178	83
28	10	25	599	16	44	556	43	17	32	21.6	14	08	11.9	9.7	21	20	213	10	40	197	16
29 Q	22	06	601	16	43	562	39	18	18	21.2	14	59	12.7	8.5	19	32	210	15	38	195	15
30	22	36	608	17	10	558	50	18	38	21.5	15	04	11.9	9.6	21	03	211	16	28	192	19
31	00	50	603	15	43	554	49	17	58	23.9	14	20	9.3	14.6	20	58	216	06	54	186	30
Mean			602			553	49			23.2			10.6	12.6			223			184	39
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

HORIZONTAL INTENSITY (gammas) (All Days)

Table 49 Agincourt 1955

Month / Season \ Hour 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
January	+4	+1	0	-1	-5	-2	-1	0	+3	+3	+5	+5	+3	-3	-8	-10	-10	-8	-2	+3	+8	+9	+8	+7
February	+3	+2	+2	-2	-4	-4	-1	-1	-1	-1	+2	+3	+1	-2	-3	-2	-3	-3	-2	+2	+6	+5	+6	+6
March	+5	+2	+2	+2	+3	+3	+1	-4	0	+3	+6	+4	0	-6	-13	-19	-19	-15	-4	+6	+9	+7	+9	+7
April	+8	+2	0	+1	+2	+1	-3	-3	-2	-3	-3	-3	-3	-12	-18	-20	-16	-10	+1	+11	+25	+24	+15	+7
May	+9	+4	+2	0	-1	-6	-4	-1	-1	-2	+1	-3	-8	-14	-21	-21	-12	-2	+8	+12	+18	+18	+21	+14
June	+3	+1	-1	-1	-2	0	+1	-1	-2	-1	-2	-4	-9	-14	-18	-18	-14	-3	+8	+15	+16	+15	+11	+9
July	+4	+1	+2	+1	0	-1	+1	+1	+1	0	+1	-2	+1	-16	-22	-23	-16	-4	+8	+17	+20	+17	+11	+8
August	+6	+5	+5	+5	+5	+6	+1	-1	-2	0	0	-3	-11	-20	-26	-26	-17	-5	+8	+18	+22	+16	+13	+8
September	+3	+4	+3	+3	+1	+1	+1	-3	+2	+6	+6	+3	0	-12	-22	-26	-22	-12	0	+11	+15	+13	+10	+7
October	+7	+7	+4	+5	+2	+3	+2	+3	+2	+5	+7	+8	+2	-6	-17	-23	-23	-18	-8	0	+7	+9	+7	+8
November	+6	+4	+3	+3	+1	+3	+2	+4	+5	+7	+10	+9	+5	-4	-15	-20	-20	-18	-8	0	+7	+9	+9	+8
December	+2	-1	-3	-4	-4	-2	0	+3	+5	+7	+8	+10	+9	+4	-3	-12	-17	-16	-10	-3	+3	+5	+6	+5
Year	+5.0	+2.7	+1.6	+1.0	-0.2	+0.2	0.0	-0.2	+0.8	+2.0	+3.4	+2.2	-0.8	-8.8	-15.5	-18.3	-15.8	-9.5	-0.1	+7.7	+12.9	+12.2	+10.5	+7.8
Winter	+3.8	+1.5	+0.5	-1.0	-3.0	-1.2	0.0	+1.5	+3.0	+4.0	+6.2	+6.8	+4.5	-1.2	-7.2	-11.0	-12.5	-11.2	-5.5	+0.5	+5.8	+7.0	+7.2	+6.5
Equinox	+5.8	+3.8	+2.2	+2.8	+2.0	+2.0	+0.2	-1.8	+0.5	+2.8	+4.0	+3.0	-0.2	-9.0	-17.5	-22.0	-20.0	-13.8	-2.8	+7.0	+14.0	+13.2	+10.2	+7.2
Summer	+5.5	+2.8	+2.0	+1.2	+0.5	-0.2	-0.2	-0.5	-1.0	-0.8	0.0	-3.0	-6.8	-16.0	-21.8	-22.0	-14.8	-3.5	+8.0	+15.5	+19.0	+16.5	+14.0	+9.8

DECLINATION (minutes) (All Days)

Table 50 Agincourt 1955

Month / Season \ Hour 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
January	+1.9	+3.2	+1.9	+1.8	-0.3	-0.9	+0.2	+0.6	+0.7	+0.2	+0.8	+1.2	+1.2	+1.3	0.0	-1.1	-2.5	-3.7	-3.7	-2.9	-1.3	-0.8	+0.3	+0.6
February	+0.2	+1.6	+1.9	+1.7	+1.9	+1.3	+0.4	+0.9	+1.0	+1.3	+1.2	+1.1	+1.4	+1.3	+0.3	-1.4	-2.6	-3.3	-3.8	-3.3	-2.3	-1.3	-0.4	-0.5
March	+1.4	+2.1	+2.4	+1.6	+1.3	+1.8	+0.9	+1.0	+2.2	+2.7	+2.8	+2.1	+2.0	+3.2	+2.9	+0.1	-3.1	-5.4	-6.2	-5.4	-4.9	-3.3	-1.3	-0.2
April	+1.4	+1.7	+1.4	+1.9	+1.0	+1.2	+0.8	+1.7	+2.8	+2.4	+1.9	+2.9	+4.0	+4.3	+2.5	-0.1	-2.9	-5.1	-6.6	-6.1	-4.1	-2.8	-2.4	-0.7
May	+0.8	+0.1	+1.3	+1.1	+0.5	0.0	+0.4	+1.2	+1.2	+1.7	+3.9	+5.0	+5.1	+4.1	+2.7	-0.9	-3.8	-5.3	-5.8	-5.3	-4.1	-2.8	-0.9	+0.1
June	-0.3	+0.3	+0.6	+0.9	+1.0	+0.8	+0.6	+0.8	+0.4	+2.2	+4.3	+5.6	+5.9	+6.0	+2.2	-0.9	-3.4	-5.6	-5.9	-5.2	-4.1	-2.8	-1.5	-0.3
July	+0.1	+0.9	+0.9	+0.7	+1.3	+1.5	+0.7	+0.7	+0.9	+1.6	+3.6	+5.6	+6.3	+5.7	+3.6	-0.3	-3.8	-5.9	-6.6	-6.2	-5.1	-3.2	-1.6	-0.7
August	+0.3	+0.2	+0.8	+0.8	+1.4	+1.1	+0.3	+0.9	+1.0	+1.9	+3.7	+5.5	+6.8	+6.0	+2.7	-1.5	-5.3	-7.2	-7.6	-6.1	-4.1	-2.2	-0.5	+0.2
September	+0.6	+1.8	+1.6	+1.5	+2.3	+0.7	+0.9	+2.3	+1.5	+1.7	+2.6	+3.1	+5.1	+4.8	+2.3	-1.9	-5.5	-7.1	-7.2	-5.3	-3.2	-1.5	-0.2	-0.2
October	+1.3	+1.1	+1.7	+1.2	+0.9	+1.1	+0.6	+0.6	+0.9	+1.3	+1.5	+1.5	+2.5	+2.8	+2.7	+0.3	-2.2	-4.1	-5.0	-4.7	-3.0	-2.0	-0.9	-0.1
November	+1.2	+2.4	+2.1	+2.0	+1.9	+1.2	+0.7	+0.7	+0.3	+1.6	+1.4	+0.4	+1.0	+2.7	+2.7	-0.2	-2.1	-4.4	-5.3	-4.6	-3.2	-1.8	-0.4	+0.2
December	+0.4	+1.3	+1.7	+1.8	+1.7	+1.0	+0.8	+0.7	+0.5	+1.0	+1.1	+1.1	+1.1	+1.8	+1.9	+1.0	-1.1	-2.9	-3.9	-3.7	-3.4	-2.4	-0.9	-0.4
Year	+0.8	+1.4	+1.5	+1.4	+1.2	+0.9	+0.6	+1.0	+1.1	+1.6	+2.4	+2.9	+3.5	+3.6	+2.2	-0.6	-3.2	-5.0	-5.6	-4.9	-3.6	-2.2	-0.9	-0.2
Winter	+0.9	+2.1	+1.9	+1.8	+1.3	+0.6	+0.5	+0.7	+0.6	+1.0	+1.1	+1.0	+1.2	+1.8	+1.2	-0.4	-2.1	-3.6	-4.2	-3.6	-2.6	-1.6	-0.4	0.0
Equinox	+1.2	+1.7	+1.8	+1.6	+1.4	+1.2	+0.8	+1.4	+1.8	+2.0	+2.2	+2.4	+3.4	+3.8	+2.6	-0.4	-3.4	-5.4	-6.2	-5.4	-3.8	-2.4	-1.2	-0.3
Summer	+0.2	+0.4	+0.9	+0.9	+1.0	+0.8	+0.5	+0.9	+0.9	+1.8	+3.9	+5.4	+6.0	+5.2	+2.8	-0.9	-4.1	-6.0	-6.5	-5.7	-4.4	-2.8	-1.1	-0.2

VERTICAL INTENSITY (gammas) (All Days)

Table 51 Agincourt 1955

Month / Season \ Hour 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
January	+10	+4	+4	-2	-8	-8	-5	-4	-4	-5	-4	-3	-2	-2	-5	-4	-3	0	+4	+6	+6	+6	+6	+7
February	+7	+7	+6	+4	-1	-1	+3	+2	+1	-2	-4	-6	-4	-4	-5	-7	-7	-4	-1	+3	+5	+6	+6	+6
March	+10	+9	+6	+3	-2	-2	-11	-21	-16	-10	-7	-4	-4	-4	-5	-7	-4	0	+5	+8	+13	+15	+13	+13
April	+15	+4	-1	-1	-8	-12	-14	-9	-7	-7	-9	-10	-7	-6	-6	-9	-8	-6	-1	+5	+21	+23	+23	+20
May	+15	+11	+7	-4	-11	-17	-13	-7	-6	-6	-3	-4	-5	-6	-7	-8	-5	-4	0	+4	+9	+13	+19	+16
June	+13	+11	+7	+2	-3	-6	-6	-9	-11	-6	-2	-2	-1	-3	-4	-6	-6	-4	-2	+3	+8	+10	+12	+13
July	+8	+6	+3	0	-1	-4	-7	-6	-5	-4	-2	-2	-3	-4	-4	-6	-6	-6	-3	+3	+8	+10	+10	+10
August	+8	+7	+3	+2	-2	-8	-15	-13	-13	-7	-5	-4	-4	-4	-4	-5	-3	+1	+5	+9	+12	+13	+14	+10
September	+11	+7	+6	0	-1	-8	-17	-17	-13	-13	-13	-11	-6	-3	-1	0	+2	+5	+10	+13	+16	+15	+14	+13
October	+7	+6	+4	-1	-2	-1	-5	-12	-13	-11	-10	-6	-2	-1	-1	-3	-1	+2	+5	+8	+11	+11	+11	+9
November	+9	+8	+5	+1	-3	-5	-5	-5	-9	-10	-10	-10	-7	-4	-4	-3	-1	+3	+8	+11	+11	+9	+9	+8
December	+6	+6	+4	+2	0	-3	-4	-5	-5	-5	-5	-5	-4	-4	-4	-8	-6	-3	+1	+5	+8	+8	+7	+6
Year	+9.9	+7.2	+4.5	+0.5	-3.5	-6.2	-8.2	-8.8	-8.4	-7.2	-6.2	-5.6	-4.1	-3.8	-4.2	-5.5	-4.0	-1.3	+2.6	+6.5	+10.6	+11.6	+12.0	+10.9
Winter	+8.0	+6.2	+4.8	+1.2	-3.0	-4.2	-2.8	-3.0	-4.2	-5.5	-5.8	-6.0	-4.2	-3.5	-4.5	-5.5	-4.2	-1.0	+3.0	+6.2	+7.5	+7.2	+7.0	+6.8
Equinox	+10.8	+6.5	+3.8	+0.2	-3.2	-5.8	-11.8	-14.8	-12.2	-10.2	-9.8	-7.8	-4.8	-3.5	-3.2	-4.8	-2.8	+0.2	+4.8	+8.5	+15.0	+16.0	+15.2	+13.8
Summer	+11.0	+8.8	+5.0	0.0	-4.2	-8.8	-10.2	-8.8	-8.8	-5.8	-3.0	-3.0	-3.2	-4.2	-4.8	-6.2	-5.0	-3.2	0.0	+4.8	+9.2	+11.5	+13.8	+12.2

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

HORIZONTAL INTENSITY (gammas) (Quiet Days)

Table 52 Agincourt 1955

Month / Season \ Hour 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
January	+5	+2	0	-1	-2	-1	-1	0	+2	+3	+3	+3	+1	-1	-8	-10	-10	-6	-2	+1	+5	+7	+6	+5
February	+1	+1	-1	-2	-1	+1	0	+1	+1	+1	+1	+1	0	-1	-2	-3	-2	-4	-3	-1	+2	+2	+4	+4
March	+4	+1	+3	+3	+3	+4	+3	+4	+4	+4	+5	+6	+3	-2	-7	-10	-13	-15	-11	-5	+2	+3	+6	+5
April	+7	+5	+4	+2	+3	+2	+1	+2	+4	+4	+6	+5	0	-7	-17	-25	-21	-12	0	+6	+7	+8	+10	+7
May	+5	+4	+6	+6	+4	+3	+3	+3	+2	+2	+3	+2	-5	-16	-24	-23	-17	-8	+4	+10	+10	+9	+10	+8
June	+7	+3	+1	+1	0	+2	+3	+1	-1	-2	-2	-4	-9	-15	-22	-20	-12	0	+11	+13	+14	+13	+10	+9
July	+6	+4	+3	+2	+1	+1	+2	+3	+3	+5	+6	+2	-8	-15	-23	-26	-21	-10	+2	+12	+17	+15	+9	+7
August	+7	+6	+4	+3	+3	+5	+5	+3	+3	+2	+1	-2	-10	-18	-24	-25	-17	-6	+5	+14	+15	+13	+7	+6
September	+7	+5	+2	+3	+5	+3	+2	+2	+4	+5	+6	+4	-3	-11	-18	-20	-18	-12	-2	+2	+8	+8	+8	+9
October	+8	+6	+6	+5	+5	+3	+3	+5	+6	+7	+7	+6	-1	-9	-18	-22	-22	-16	-9	-2	+4	+7	+10	+10
November	+9	+6	+5	+5	+4	+4	+5	+5	+6	+7	+8	+11	+8	-2	-15	-25	-27	-22	-13	-5	+19	+7	+9	+10
December	+3	+2	+5	+8	+1	+3	+4	+6	+6	+7	+7	+6	+5	+1	-5	-15	-21	-19	-10	-3	+3	+6	+7	+5
Year	+5.8	+3.8	+3.2	+2.9	+2.2	+2.5	+2.5	+2.9	+3.3	+3.8	+4.2	+3.3	-1.6	-8.0	-15.2	-18.7	-16.8	-10.8	-2.3	+3.5	+8.8	+8.2	+8.0	+7.1
Winter	+4.5	+2.8	+2.2	+2.5	+0.5	+1.8	+2.0	+3.0	+3.8	+4.5	+4.8	+5.2	+3.5	-0.8	-7.5	-13.2	-15.0	-12.8	-7.0	-2.0	+7.2	+5.5	+6.5	+6.0
Equinox	+6.5	+4.2	+3.8	+3.2	+4.0	+3.0	+2.2	+3.2	+4.5	+5.0	+6.0	+5.2	-0.2	-7.2	-15.0	-19.2	-18.5	-13.8	-5.5	+0.2	+5.2	+6.5	+8.5	+7.8
Summer	+6.2	+4.2	+3.5	+3.0	+2.0	+2.8	+3.2	+2.5	+1.8	+1.8	+2.0	-0.5	-8.0	-16.0	-23.2	-23.5	-16.8	-6.0	+5.5	+12.2	+14.0	+12.5	+9.0	+7.5

DECLINATION (minutes) (Quiet Days)

Table 53 Agincourt 1955

Month / Season \ Hour 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
January	+0.9	+1.0	+0.9	+0.5	+0.2	-0.3	+0.3	+0.4	+0.6	+0.6	+0.6	+0.7	+1.0	+1.7	+1.6	+0.3	-1.5	-3.0	-3.2	-2.2	-1.0	-0.4	0.0	+0.4
February	-0.1	+0.3	+0.7	+1.0	+0.8	+0.3	0.0	+0.2	+0.6	+1.2	+1.5	+1.8	+1.4	+1.8	+1.5	-0.9	-2.1	-3.0	-3.2	-2.1	-1.0	-0.5	-0.3	-0.2
March	-0.1	+0.5	+0.7	+0.9	+0.3	+0.8	+0.5	0.0	+1.0	+1.7	+1.6	+1.7	+2.6	+3.4	+3.3	+1.7	-1.3	-3.8	-4.8	-4.1	-3.1	-1.9	-0.8	-0.5
April	+0.2	+0.5	+0.6	+0.7	+1.4	+1.4	+0.7	+1.3	+2.4	+2.8	+2.7	+3.8	+4.3	+4.5	+3.0	+0.4	-2.9	-5.9	-6.9	-6.3	-4.6	-2.8	-1.0	-0.2
May	-0.3	0.0	-0.3	-0.5	-0.3	+0.2	+0.2	+0.6	+1.5	+2.7	+4.4	+5.8	+6.6	+5.7	+3.6	-0.3	-3.7	-5.7	-6.2	-5.9	-4.4	-2.5	-0.9	-0.2
June	-0.2	0.0	0.0	+0.7	+0.2	+0.4	+0.7	+1.7	+1.7	+2.6	+4.5	+5.7	+5.5	+4.2	+1.9	-1.3	-4.2	-5.3	-5.0	-4.9	-3.8	-3.0	-1.6	-0.5
July	+0.3	+0.5	+0.9	+1.2	+1.1	+0.9	+0.6	+0.3	+0.5	+1.8	+3.7	+5.9	+6.8	+7.0	+5.0	+0.5	-3.8	-6.8	-7.8	-7.2	-5.5	-3.6	-1.8	-0.5
August	-0.1	-0.3	-0.1	+0.1	+0.1	+0.4	+0.8	+1.0	+1.8	+2.6	+3.8	+5.8	+7.0	+6.6	+4.2	-0.1	-4.4	-6.9	-7.6	-6.5	-4.6	-2.4	-1.0	-0.3
September	-0.2	-0.2	0.0	+0.3	+0.2	+0.6	+1.8	+1.9	+1.8	+1.8	+2.4	+3.6	+4.6	+4.4	+2.6	0.0	-3.0	-5.0	-5.3	-4.6	-3.1	-2.1	-1.4	-0.9
October	0.0	+0.2	0.0	+0.1	+0.2	+0.2	+0.3	+0.4	+0.5	+1.1	+1.1	+1.6	+3.1	+4.1	+3.3	+0.9	-1.8	-3.3	-3.6	-3.4	-2.2	-1.5	-0.8	-0.6
November	+0.8	+0.8	+0.8	+0.6	+0.4	0.0	+0.2	+0.1	+0.2	+1.0	+1.0	+1.0	+1.5	+3.5	+3.8	+1.8	-1.1	-3.6	-4.4	-3.6	-2.3	-1.3	-0.6	-0.1
December	+0.6	+0.8	+0.7	+0.5	+0.2	-0.2	-0.4	-0.5	-0.2	+0.3	+0.5	+0.8	+0.9	+2.1	+3.2	+2.3	+0.1	-2.0	-3.1	-3.0	-2.3	-1.4	-0.2	+0.1
Year	+0.2	+0.3	+0.4	+0.5	+0.4	+0.4	+0.5	+0.6	+1.0	+1.7	+2.3	+3.2	+3.8	+4.1	+3.1	+0.4	-2.5	-4.5	-5.1	-4.5	-3.2	-2.0	-0.9	-0.3
Winter	+0.5	+0.7	+0.8	+0.6	+0.4	0.0	0.0	+0.1	+0.3	+0.8	+0.9	+1.1	+1.2	+2.3	+2.5	+0.9	-1.2	-2.9	-3.5	-2.7	-1.6	-0.9	-0.3	+0.1
Equinox	0.0	+0.2	+0.3	+0.5	+0.5	+0.8	+0.8	+0.9	+1.4	+1.8	+2.0	+2.7	+3.6	+4.1	+3.0	+0.8	-2.2	-4.5	-5.2	-4.6	-3.2	-2.1	-1.0	-0.6
Summer	-0.1	+0.1	+0.1	+0.4	+0.3	+0.5	+0.6	+0.9	+1.4	+2.4	+4.1	+5.8	+6.5	+5.9	+3.7	-0.3	-4.0	-6.2	-6.6	-6.1	-4.6	-2.9	-1.3	-0.4

VERTICAL INTENSITY (gammas) (Quiet Days)

Table 54 Agincourt 1955

Month / Season \ Hour 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
January	+1	0	+1	+1	+1	0	0	0	+1	0	0	0	0	-1	-3	-4	-3	-1	0	+1	+1	+1	+1	+1
February	+4	+3	+3	+3	+1	-1	0	0	+1	0	0	0	0	0	-3	-7	-8	-6	-2	+2	+3	+2	+2	+4
March	+2	+2	+2	+1	+1	-1	-1	0	0	0	0	0	+1	0	-2	-5	-7	-5	-2	+2	+6	+4	+3	+3
April	+2	+1	+1	0	0	-2	-1	-1	-1	-1	0	-1	-1	-3	-3	-4	-4	-3	-1	+3	+6	+7	+5	+4
May	+2	+2	+2	0	+1	0	-2	-1	0	+2	+4	+3	+2	-4	-8	-8	-6	-4	-3	+1	+4	+5	+5	+3
June	+6	+7	+5	+4	+2	0	-1	-2	-1	0	+1	+2	0	-3	-5	-8	-9	-8	-4	-3	+1	+3	+7	+6
July	+4	+3	+1	0	-1	-2	-3	-3	-2	+1	+2	+1	0	0	-1	-2	-3	-4	-6	-5	+2	+6	+7	+6
August	+2	+1	0	0	+1	+1	0	-1	-1	0	+1	+2	0	-2	-5	-7	-7	-7	-4	+2	+7	+8	+7	+3
September	+3	+2	+3	+2	+1	-2	-2	-1	-1	-1	-1	-1	-1	-1	-3	-4	-5	-4	0	+3	+4	+4	+3	+2
October	+1	0	0	0	0	0	0	0	0	0	0	+1	+2	+1	-1	-5	-5	-2	-1	0	+2	+2	+2	+2
November	0	+1	0	0	0	0	-1	-1	0	0	-1	-1	-1	-1	-2	-5	-5	-2	+2	+5	+6	+4	+2	+1
December	0	+1	+1	0	0	0	0	0	0	-1	-1	0	0	0	-1	-6	-5	-3	+1	+3	+3	+3	+2	+2
Year	+2.2	+1.9	+1.6	+0.9	+0.6	-0.6	-0.9	-0.8	-0.3	0.0	+0.4	+0.5	+0.2	-1.2	-3.1	-5.4	-5.6	-4.1	-1.7	+1.2	+3.7	+4.1	+3.8	+3.1
Winter	+1.2	+1.2	+1.2	+1.0	+0.5	-0.2	-0.2	-0.2	+0.5	-0.2	-0.5	-0.2	-0.2	-0.5	-2.2	-5.5	-5.2	-3.0	+0.2	+2.8	+3.2	+2.5	+1.8	+2.0
Equinox	+2.0	+1.2	+1.5	+0.8	+0.5	-1.2	-1.0	-0.5	-0.5	-0.5	-0.2	-0.2	+0.2	-0.8	-2.2	-4.5	-5.2	-3.5	-1.0	+2.0	+4.2	+4.2	+3.2	+2.8
Summer	+3.5	+3.2	+2.0	+1.0	+0.8	-0.2	-1.5	-1.8	-1.0	+0.8	+2.0	+2.0	+0.5	-2.2	-4.8	-6.2	-6.2	-5.8	-4.2	-1.2	+3.5	+5.5	+6.5	+4.5

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

HORIZONTAL INTENSITY (gammas) (Disturbed Days)

Table 55 Agincourt 1955

Month / Season \ Hour 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
January	+2	+2	+1	-17	-32	-14	-8	-10	+2	0	+11	+4	+3	-1	-2	-2	-4	-10	-2	+3	+13	+21	+23	+15
February	+7	+1	+3	-10	-22	-13	-1	0	-1	-5	0	+2	+3	-3	0	+6	0	0	+1	+4	+7	+10	+3	+8
March	+8	+3	+6	-1	+6	+7	-3	-26	-3	+6	+14	+7	-1	-14	-22	-31	-22	-10	+8	+16	+19	+9	+15	+11
April	+21	-6	-6	-8	-6	-7	-15	-10	-11	-22	-25	-15	-10	-20	-21	-16	-17	-15	-2	+25	+79	+66	+33	+9
May	+31	+8	-1	-9	-13	-47	-34	-15	-21	-23	+2	-1	-20	-12	-18	-21	-15	-1	+11	+11	+31	+43	+70	+44
June	+4	-2	-7	-5	-11	-2	+4	+1	-3	+1	-1	-6	-11	-18	-17	-16	-15	-3	+9	+18	+27	+22	+15	+16
July	+2	-6	-2	-4	-2	-2	+3	+8	+3	-1	+1	-6	-13	-19	-20	-16	-11	-5	+7	+23	+24	+13	+10	+12
August	+11	+5	+11	+12	+8	+5	-17	-20	-27	-8	-8	-12	-18	-24	-26	-26	-18	-3	+16	+29	+38	+29	+28	+17
September	+6	+8	+4	+11	+7	+2	-8	-27	-3	+10	+6	-2	+9	-3	-17	-30	-28	-17	0	+16	+14	+17	+14	+11
October	+5	+9	0	+1	-3	+7	-3	0	-3	+1	-4	+7	+5	-4	-11	-20	-24	-17	-4	+9	+17	+20	+8	+6
November	+11	+2	+5	-2	-1	-4	-15	-6	-4	+3	+13	+8	0	-11	-22	-14	-10	-19	-5	+10	+18	+16	+15	+13
December	0	-8	-7	-6	-11	-4	-1	+3	+9	+11	+11	+14	+18	+11	+1	-4	-11	-14	-13	-5	+7	-1	-2	+2
Year	+9.0	+1.2	+0.6	-3.2	-6.7	-6.0	-8.2	-8.5	-5.2	-2.2	+1.7	0.0	-2.9	-9.8	-14.6	-15.8	-14.6	-9.5	+2.2	+13.2	+24.5	+22.1	+19.3	+13.7
Winter	+5.0	-0.8	+0.5	-8.8	-16.5	-8.8	-6.2	-3.2	+1.5	+2.2	+8.8	+7.0	+6.0	-1.0	-5.8	-3.5	-6.2	-10.8	-4.8	+3.0	+11.2	+11.5	+9.8	+9.5
Equinox	+10.0	+3.5	+1.0	+0.8	+1.0	+2.2	-7.2	-15.8	-5.0	-1.2	-2.2	-0.8	+0.8	-10.2	-17.8	-24.2	-22.8	-14.8	+0.5	+16.5	+32.2	+28.0	+17.5	+9.2
Summer	+12.0	+1.2	+0.2	-1.5	-4.5	-11.5	-11.0	-6.5	-12.0	-7.8	-1.5	-6.2	-15.5	-18.2	-20.2	-19.8	-14.8	-3.0	+10.8	+20.2	+30.0	+26.8	+30.8	+22.2

DECLINATION (minutes) (Disturbed Days)

Table 56 Agincourt 1955

Month / Season \ Hour 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
January	+6.5	+10.2	+6.4	+7.0	-4.7	-2.9	+2.3	+2.3	+1.8	-2.5	-2.4	-0.8	-1.8	-0.8	-6.4	-5.1	-2.5	-2.7	-2.6	-2.5	-0.9	-0.2	+1.5	+1.0
February	-0.3	+3.2	+4.7	+3.0	+3.3	+0.4	+0.5	+1.3	+2.0	+2.6	-0.7	+0.4	+1.0	-0.5	-1.3	-2.6	-3.4	-4.0	-4.2	-3.7	-2.0	-0.5	+1.6	-1.0
March	+2.6	+3.9	+6.8	+3.8	+1.4	+2.4	+0.9	+2.1	+4.3	+3.2	+4.2	+3.1	+0.1	-0.4	+0.4	-4.3	-6.2	-5.8	-7.2	-5.6	-4.8	-3.4	-1.4	-0.1
April	+6.0	+3.9	+0.9	+2.9	+1.7	+0.9	-4.3	-2.1	+0.8	-0.2	-1.4	+0.9	+5.1	+4.5	+2.4	+0.6	-1.8	-4.8	-7.3	-5.7	-0.7	+1.0	-3.1	-0.2
May	+3.0	+1.3	+4.1	+2.9	+0.2	-4.9	+2.3	+2.9	+0.4	-2.6	+2.5	+7.5	+3.1	+1.5	+2.8	+1.0	-1.9	-3.7	-5.7	-6.7	-5.8	-4.8	-1.0	+1.7
June	0.0	+1.0	+3.0	+2.6	+3.8	+2.0	-0.4	-0.7	-1.6	+2.2	+4.1	+5.9	+6.3	+4.8	+0.7	-1.4	-4.1	-6.9	-6.8	-5.8	-3.8	-2.7	-1.6	-0.9
July	+1.7	+2.9	+0.8	+0.5	+0.1	+0.9	+0.6	+1.2	+2.4	+2.9	+3.0	+4.5	+5.2	+3.8	+1.4	-1.3	-3.9	-5.3	-5.6	-5.5	-5.7	-2.8	-1.1	-0.7
August	+1.9	+0.3	-0.4	+0.9	+5.0	+2.7	-3.5	+0.6	-1.7	+1.7	+3.7	+3.5	+5.5	+4.1	+0.3	-1.0	-4.1	-6.2	-6.7	-4.9	-3.2	-1.8	+1.2	+2.2
September	+3.6	+6.7	+3.8	-0.1	+3.1	-1.5	-1.4	+4.1	+1.8	+0.8	+1.3	-0.5	+3.2	+4.4	+1.8	-2.4	-6.3	-7.8	-8.0	-4.7	-3.4	-1.1	+0.7	+1.9
October	+7.9	+3.2	+6.6	+4.8	+2.3	+2.4	+1.6	-1.5	-0.5	+1.3	+0.9	0.0	+2.0	-0.6	+0.8	-1.3	-3.0	-4.7	-7.1	-7.0	-4.1	-4.2	-1.6	+1.3
November	+2.3	+7.3	+4.7	+5.3	+4.4	+3.6	+3.5	+4.5	+3.5	+0.4	-1.6	-5.6	-4.0	+0.7	+0.8	-5.3	-2.9	-5.1	-6.3	-5.8	-4.4	-1.9	+0.7	+1.1
December	+0.2	+2.3	+3.7	+4.6	+3.4	+1.7	+2.0	+2.2	+1.4	+1.0	+1.0	+0.6	+0.9	+0.9	-1.3	-1.1	-1.9	-2.0	-3.8	-3.9	-4.9	-3.9	-1.6	-1.3
Year	+3.0	+3.8	+3.8	+3.2	+2.0	+0.6	+0.3	+1.4	+1.2	+0.9	+1.2	+1.6	+2.2	+1.9	+0.2	-2.0	-3.5	-4.9	-5.9	-5.2	-3.6	-2.2	-0.5	+0.4
Winter	+2.2	+5.8	+4.9	+5.0	+1.6	+0.7	+2.1	+2.6	+2.2	+0.4	-0.9	-1.4	-1.0	+0.1	-2.2	-3.5	-2.7	-3.4	-4.2	-4.0	-3.0	-1.6	+0.6	0.0
Equinox	+5.0	+4.4	+4.5	+2.8	+2.1	+1.0	-0.8	+0.6	+1.6	+1.3	+1.2	+0.9	+2.6	+2.0	+1.4	-1.8	-4.3	-5.8	-7.4	-5.8	-3.2	-1.9	-1.4	+0.7
Summer	+1.6	+1.4	+1.9	+1.7	+2.3	+0.2	-0.2	+1.0	-0.1	+1.0	+3.3	+5.4	+5.0	+3.6	+1.3	-0.7	-3.5	-5.5	-6.2	-5.7	-4.6	-3.0	-0.6	+0.6

VERTICAL INTENSITY (gammas) (Disturbed Days)

Table 57 Agincourt 1955

Month / Season \ Hour 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
January	+46	+12	+13	-22	-55	-44	-25	-22	-19	-27	-18	-8	0	+3	-3	-1	+6	+14	+22	+25	+23	+26	+22	+30
February	+10	+11	+9	+1	-7	-6	+7	+7	+6	-4	-17	-23	-15	-10	-7	-7	-9	-3	+3	+8	+9	+12	+13	+11
March	+23	+20	+5	+9	-1	-5	-24	-48	-31	-21	-19	-12	-16	-19	-19	-14	+1	+8	+19	+22	+32	+28	+29	+34
April	+41	+3	-24	-8	-17	-26	-37	-33	-25	-25	-32	-25	-12	-10	-9	-10	-8	-6	0	+14	+78	+66	+58	+46
May	+57	+43	+34	+6	-31	-62	-32	-18	-22	-25	-16	-13	-17	-17	-15	-14	-8	-8	-2	+7	+15	+29	+58	+53
June	+28	+23	+13	-10	-18	-18	-14	-19	-31	-14	-4	-6	-3	-2	-2	-5	-3	-3	-1	+6	+16	+20	+22	+26
July	+15	+11	+8	+9	+8	+6	+4	-7	-14	-19	-16	-14	-15	-16	-16	-17	-16	-14	-1	+16	+26	+26	+20	+16
August	+26	+27	+19	+13	-7	-20	-51	-55	-65	-36	-25	-24	-19	-10	-3	0	+8	+20	+28	+30	+35	+38	+41	+31
September	+22	+13	+9	-3	-6	-31	-40	-54	-37	-25	-26	-22	-6	+3	+7	+8	+10	+16	+26	+29	+27	+30	+26	+25
October	+19	+16	+10	-3	-11	-6	-18	-51	-41	-31	-27	-19	-7	-4	-2	-2	+6	+14	+13	+23	+29	+33	+34	+25
November	+22	+27	+21	+15	+3	-17	-24	-18	-30	-32	-43	-44	-28	-13	-9	+1	+6	+15	+26	+33	+26	+23	+20	+19
December	+17	+20	+15	+7	-1	-10	-3	-6	-7	-9	-11	-15	-13	-11	-11	-13	-14	-10	-4	+5	+19	+17	+20	+16
Year	+27.2	+18.8	+11.0	+1.2	-11.9	-19.9	-21.4	-27.0	-26.3	-22.3	-21.2	-18.8	-12.6	-8.8	-7.4	-6.2	-1.8	+3.6	+10.8	+18.2	+27.9	+29.0	+30.2	+27.2
Winter	+23.8	+17.5	+14.5	+0.2	-15.0	-19.2	-11.2	-9.8	-12.5	-18.0	-22.2	-22.5	-14.0	-7.8	-7.5	-5.0	-2.8	+4.0	+11.8	+17.8	+19.2	+19.5	+18.8	+19.0
Equinox	+26.2	+13.0	0.0	-1.2	-8.8	-17.0	-29.8	-46.5	-33.5	-25.5	-26.0	-19.5	-10.2	-7.5	-5.8	-4.5	+2.2	+8.0	+14.5	+22.0	+41.5	+39.2	+36.8	+32.5
Summer	+31.5	+26.0	+18.5	+4.5	-12.0	-23.5	-23.2	-24.8	-33.0	-23.5	-15.2	-14.2	-13.5	-11.2	-9.0	-9.0	-4.8	-1.2	+6.0	+14.8	+23.0	+28.2	+35.2	+31.5

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 1 Agincourt (H) 15,000 γ + January 1956

Day \ Hour 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	Mean
1	571	575	565	573	578	582	584	588	591	593	591	591	596	599	586	557	526	561	583	588	578	576	571	564	578
2	581	574	576	573	578	580	579	577	583	585	584	582	586	578	565	546	543	546	558	551	561	578	591	580	572
3	588	588	583	578	590	591	587	585	591	586	582	595	596	591	588	578	566	563	571	581	587	591	590	583	585
4	585	585	593	591	582	580	591	591	593	589	593	604	597	593	590	582	578	577	571	563	585	599	604	568	587
5	593	596	585	581	586	595	593	595	593	586	586	591	595	591	583	576	573	571	576	582	597	597	594	596	588
6	589	576	590	596	596	596	599	596	600	602	604	602	588	581	582	569	566	581	580	568	576	578	586	588	587
7	586	589	590	590	585	584	586	586	586	585	591	589	586	585	578	568	543	553	569	571	574	574	579	568	569
8 Q	573	581	581	579	579	580	579	581	579	579	580	584	581	576	571	567	562	567	568	574	588	587	588	586	578
9	583	583	578	596	571	577	573	579	578	576	581	575	584	596	583	571	568	563	569	576	585	593	594	593	580
10	593	592	591	588	586	576	575	578	575	586	599	604	607	599	563	528	544	548	540	565	580	565	556	566	575
11 D	548	562	540	556	546	543	536	504	525	515	531	586	593	583	553	557	553	553	548	563	579	586	590	585	556
12	588	585	584	582	586	594	589	586	583	580	582	576	581	585	594	576	563	555	552	557	540	558	568	565	575
13	554	566	563	561	555	568	574	580	581	583	585	583	581	586	586	576	568	568	564	572	577	583	591	591	575
14	591	586	582	574	565	565	573	578	579	591	588	593	588	586	577	568	563	564	572	577	580	578	584	587	579
15 Q	587	585	583	583	583	588	589	589	590	590	591	590	590	590	587	576	568	574	574	578	587	597	599	593	586
16 Q	591	587	586	593	593	595	596	599	599	599	602	601	599	596	585	573	571	576	583	583	593	600	600	598	592
17	596	597	596	593	588	584	588	590	588	593	595	595	598	599	596	581	579	581	586	586	587	591	583	582	590
18 D	566	550	551	548	563	579	590	568	577	589	606	613	602	583	550	563	568	568	571	561	565	547	542	549	570
19 D	540	571	572	563	556	576	579	571	578	580	594	574	552	565	534	548	540	545	563	566	565	567	573	566	564
20 Q	570	572	574	572	571	575	586	581	581	582	586	588	585	583	576	563	561	561	563	566	575	583	586	589	576
21	585	591	588	590	588	589	591	593	595	595	594	593	588	580	571	553	548	568	584	585	581	596	601	598	585
22	530	545	552	538	561	559	581	583	578	582	585	581	586	576	568	557	550	556	561	571	580	589	599	595	569
23	588	584	582	582	588	594	593	589	588	591	591	591	591	588	583	581	569	558	566	566	560	560	570	568	580
24 D	565	569	574	565	569	558	576	576	553	556	574	553	563	576	588	569	536	523	540	553	558	568	555	556	561
25	540	543	544	553	555	545	548	555	568	576	578	584	584	579	576	563	551	544	554	554	555	572	583	582	562
26 Q	584	583	582	583	584	582	583	583	584	585	588	589	589	593	596	586	574	571	575	574	577	586	591	591	584
27	589	585	586	586	583	586	588	593	593	603	620	615	616	622	612	614	599	588	573	552	553	565	574	571	590
28 D	568	555	549	552	518	578	561	568	570	578	573	565	556	569	574	561	553	553	565	562	555	573	583	587	564
29	581	581	588	588	584	578	582	577	573	585	588	586	586	581	563	568	563	571	565	580	576	591	593	587	580
30	568	588	580	584	586	591	587	582	585	585	586	588	585	583	568	548	556	558	566	581	592	583	585	583	579
31	584	589	586	586	588	584	578	574	585	591	581	571	589	584	571	559	551	557	563	571	585	593	585	587	579
Mean	576	578	577	577	576	579	581	580	581	584	587	588	588	586	577	567	560	562	567	570	575	581	583	581	578

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 2 Agincourt (D) West 7° + ... ′ January 1956

Day \ Hour 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	Mean
1	17.1	14.1	12.4	12.8	13.5	14.6	15.5	16.3	15.5	14.7	13.3	15.5	15.6	13.8	12.0	17.2	23.4	28.1	22.9	21.7	23.5	25.2	24.8	18.9	17.6
2	16.5	15.1	14.5	10.1	15.1	15.7	16.5	16.4	16.0	15.6	15.0	14.6	14.3	12.5	11.9	14.1	16.6	19.7	21.6	25.7	24.7	20.2	18.5	17.8	16.6
3	15.5	15.6	13.4	10.7	13.7	14.7	15.6	18.0	17.4	16.5	23.0	16.0	14.3	13.6	12.5	12.8	15.9	19.3	19.8	21.0	21.6	19.9	15.2	16.1	16.3
4	16.9	16.1	14.7	13.4	12.4	11.6	14.7	15.1	16.6	19.7	18.4	19.1	17.1	14.1	11.5	13.0	16.1	19.1	21.6	19.4	20.2	20.1	20.0	17.5	16.6
5	16.5	13.8	13.4	10.7	14.3	15.6	15.6	16.5	16.5	15.5	17.0	17.9	15.1	12.5	11.9	14.1	17.3	19.7	20.7	19.9	19.4	19.4	18.4	18.3	16.2
6	16.1	06.9	16.6	14.7	14.3	15.0	16.5	16.5	16.4	15.5	15.6	14.7	14.2	20.6	22.9	21.1	21.6	20.9	20.7	20.8	20.8	20.2	18.3	17.4	17.4
7	16.5	15.1	15.1	15.1	15.5	15.5	16.0	15.6	14.7	15.5	16.0	16.1	14.3	13.2	12.2	16.9	19.1	18.8	20.1	19.4	20.1	19.8	18.0	17.4	16.5
8 Q	15.5	15.0	14.6	14.4	14.6	15.4	16.1	15.6	16.5	17.2	17.0	16.1	14.5	11.9	10.1	11.0	13.4	16.5	17.8	19.3	18.4	17.8	16.9	16.2	15.5
9	15.4	14.8	14.4	15.4	13.8	14.4	13.7	15.9	16.2	15.2	22.1	17.8	22.1	15.8	11.9	11.0	13.5	17.7	18.4	18.4	17.9	17.1	16.4	16.5	16.1
10	16.1	15.5	14.8	15.2	17.2	14.7	12.4	13.6	17.5	18.9	14.3	16.0	16.5	19.7	17.9	17.8	23.5	23.4	24.8	20.0	18.8	21.0	22.0	21.5	18.0
11 D	15.0	01.8	01.3	10.9	09.2	13.3	10.9	05.5	13.5	17.0	40.2	25.9	33.4	26.7	29.0	32.6	28.1	25.6	24.8	20.7	19.8	17.9	17.8	15.6	19.0
12	14.6	14.2	14.1	14.6	16.6	20.1	16.5	16.6	15.9	17.4	17.4	23.5	16.0	15.2	11.7	16.0	21.0	21.1	20.6	23.6	23.5	20.7	17.4	17.4	17.7
13	14.3	14.4	13.3	12.9	13.9	14.3	16.5	17.5	16.6	16.5	16.2	15.6	14.6	12.9	10.6	12.4	15.1	17.1	17.9	18.4	19.2	18.8	17.5	16.6	15.5
14	16.0	14.2	16.4	15.1	16.6	17.0	16.0	15.9	15.2	16.6	14.3	15.1	14.3	12.9	11.9	13.3	16.4	18.2	18.9	20.1	19.4	18.0	16.9	16.0	16.0
15 Q	15.6	15.5	15.6	16.1	16.5	16.0	16.9	15.6	15.3	15.9	16.3	15.6	15.6	12.4	10.9	12.3	14.3	16.6	17.5	18.4	19.2	18.3	16.8	16.5	15.8
16 Q	15.5	15.0	13.3	14.3	15.6	16.1	16.1	16.2	16.3	16.1	15.6	14.7	13.8	11.4	10.0	12.8	15.0	16.9	18.9	20.1	19.8	18.1	16.5	15.7	15.6
17	15.5	15.3	15.3	14.7	14.9	15.9	14.5	13.7	13.8	14.7	14.7	16.2	18.6	14.7	12.8	14.1	15.6	18.9	21.1	21.8	20.7	19.2	17.4	16.4	16.3
18 D	14.3	10.6	11.3	00.5	09.2	10.2	16.0	09.4	14.3	16.9	22.1	15.6	14.5	10.7	12.4	19.2	16.2	17.3	20.6	25.7	29.2	22.4	16.6	13.7	15.4
19 D	10.9	15.0	15.7	15.3	07.4	16.1	16.5	16.1	20.6	18.9	20.0	27.5	26.7	22.0	23.4	25.0	23.8	25.8	24.5	22.9	20.3	19.4	17.6	17.4	19.5
20 Q	16.0	15.7	16.4	16.7	16.6	17.0	17.1	16.3	16.6	17.4	16.6	16.0	15.4	13.4	13.3	15.5	17.9	18.2	18.9	20.7	20.7	18.3	16.9	16.6	16.9
21	16.0	15.5	15.5	15.7	16.4	16.5	16.5	16.6	16.5	16.1	16.0	15.5	14.3	12.6	12.8	15.6	18.9	21.9	21.9	22.1	21.1	18.8	15.5	15.5	16.8
22	05.4	07.7	12.5	06.0	02.7	10.7	16.6	17.9	16.1	16.0	15.7	15.2	13.8	11.9	11.6	13.3	16.1	18.1	20.2	21.6	19.9	18.3	17.0	16.8	13.7
23	16.1	15.7	15.5	14.3	15.6	16.5	16.6	17.0	16.5	16.0	15.4	15.3	14.6	12.8	10.9	10.8	13.7	16.5	20.5	22.4	24.8	25.0	13.9	21.5	16.6
24 D	17.0	14.6	14.6	14.8	06.3	08.6	12.0	16.0	10.4	17.1	14.0	30.8	28.4	21.0	20.1	20.5	21.2	25.3	27.0	26.4	20.8	21.5	19.7	13.5	18.4
25	12.3	14.9	09.3	10.1	11.4	08.9	08.7	13.5	16.2	18.3	19.1	18.9	15.5	13.3	14.3	13.9	15.1	17.0	19.1	22.0	22.6	21.1	19.7	18.5	15.6
26 Q	16.9	15.5	15.1	15.1	16.0	16.4	15.4	16.4	15.7	15.5	15.5	15.6	14.9	13.5	12.6	14.6	16.1	17.3	17.3	17.4	18.1	18.8	17.3	16.5	16.0
27	16.5	15.2	15.1	15.0	14.5	16.5	17.0	16.5	16.1	12.5	12.9	10.7	10.9	13.2	10.9	18.7	16.7	18.4	17.8	22.7	27.5	24.1	20.6	19.2	16.6
28 D	18.3	08.6	15.5	15.9	05.1	12.3	14.1	13.7	11.5	13.7	16.5	17.9	21.0	17.5	14.5	16.5	16.3	18.3	19.9	22.4	23.5	20.4	21.6	17.5	16.4
29	18.0	16.6	14.2	16.9	15.5	14.6	15.4	13.2	14.0	15.3	14.2	13.6	13.4	11.7	17.4	18.9	19.6	18.0	18.6	21.0	20.2	18.2	17.5	17.8	16.4
30	12.7	15.7	14.2	15.5	16.3	13.8	16.8	14.3	14.3	14.6	15.2	16.1	16.3	13.8	16.5	20.6	22.6	21.2	21.7	22.9	22.9	21.2	18.9	17.5	17.3
31	17.9	16.1	16.5	13.4	14.6	16.5	16.4	15.0	18.8	14.6	15.1	18.0	14.7	10.8	15.2	13.1	15.6	19.3	23.5	24.3	22.6	18.0	18.1	17.8	16.9
Mean	15.4	13.9	14.0	13.0	13.4	14.7	15.3	15.2	15.7	16.2	17.3	17.3	16.7	14.6	14.1	16.1	17.9	19.7	20.6	21.4	21.3	19.9	18.1	17.1	16.6

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 3 Agincourt (Z) 56,000 γ + January 1956

Day \ Hour 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	Mean
1	219	222	225	219	214	211	209	208	207	204	199	199	199	199	195	189	195	204	204	204	213	238	262	246	212
2	228	223	222	219	220	216	211	211	210	210	208	205	207	207	204	201	204	210	210	216	226	222	217	219	214
3	217	216	219	219	216	210	207	201	200	197	195	204	205	204	199	189	190	197	204	205	213	212	214	213	206
4	217	222	219	212	207	207	206	202	201	196	193	189	194	198	196	190	192	198	204	211	207	209	210	213	204
5	216	211	213	216	211	199	202	202	202	201	202	203	207	204	198	197	204	207	210	210	210	208	207	208	206
6	212	215	214	210	206	204	202	204	203	202	200	199	198	193	182	178	196	203	206	209	214	215	211	209	203
7	209	211	209	208	208	206	206	207	206	206	205	205	205	205	197	200	206	217	211	212	217	214	213	213	208
8 Q	217	215	214	212	208	208	208	208	206	205	203	205	208	209	203	197	203	208	208	210	213	216	211	211	208
9	209	212	214	193	197	205	206	209	205	196	182	175	184	190	188	193	203	208	214	214	215	214	209	208	202
10	209	208	206	207	199	181	196	190	190	187	187	187	187	187	181	187	211	221	244	242	230	227	228	244	205
11 D	257	256	250	235	213	193	152	121	-008	-030	-042	100	134	154	166	174	196	218	230	263	236	220	214	212	180
12	212	211	211	208	205	197	200	208	206	206	202	184	191	197	187	190	202	215	223	238	277	257	238	233	212
13	238	226	227	220	217	211	211	212	211	211	211	211	210	209	208	204	203	209	214	212	214	215	214	212	214
14	213	214	217	220	215	211	215	214	211	206	200	203	206	207	206	205	206	213	215	211	208	214	215	212	211
15 Q	212	211	208	208	208	206	206	208	208	208	205	205	208	209	205	198	202	205	211	212	212	212	210	206	208
16 Q	207	208	207	207	206	206	205	203	203	200	196	202	205	206	203	200	199	199	202	205	206	208	205	205	204
17	205	205	205	205	205	202	206	205	205	205	205	203	205	200	196	194	201	200	197	198	205	209	211	212	204
18 D	218	228	207	188	192	195	206	191	185	171	172	186	198	199	191	197	206	207	207	224	248	273	254	239	208
19 D	239	228	215	209	198	198	205	200	164	170	164	167	163	164	181	199	208	218	218	222	224	224	221	225	201
20 Q	221	219	218	218	215	212	203	203	208	213	212	213	212	214	209	207	216	217	212	212	217	217	215	213	213
21	211	212	212	209	209	209	209	208	209	209	207	207	209	208	203	203	212	219	212	210	212	217	212	218	210
22	243	258	249	186	203	221	234	224	219	217	213	212	212	212	212	206	207	209	213	215	212	218	212	209	217
23	209	209	209	209	207	207	209	209	209	209	209	207	209	210	212	206	205	209	213	217	227	237	266	231	214
24 D	233	225	219	213	192	183	194	173	156	170	158	134	138	177	183	187	202	212	224	261	293	259	254	254	204
25	279	285	257	239	227	218	201	210	204	204	206	208	207	209	203	194	195	203	208	216	221	219	218	216	219
26 Q	219	216	213	212	212	213	212	213	213	213	212	212	210	207	201	194	198	207	210	213	215	217	215	213	211
27	211	212	212	210	209	209	205	203	204	185	170	183	189	192	182	184	188	198	204	242	260	234	225	227	206
28 D	255	303	273	233	176	180	206	215	206	204	209	206	195	203	198	207	209	210	212	224	233	232	228	223	218
29	226	226	226	225	222	226	225	216	204	204	214	214	214	213	208	213	220	219	220	224	225	220	217	220	218
30	223	219	220	219	222	217	214	211	210	209	210	208	207	204	199	201	207	212	213	213	219	220	228	224	214
31	229	225	228	222	213	214	212	208	215	211	205	205	217	212	208	211	207	214	219	220	228	235	222	222	217
Mean	223	224	221	213	208	206	206	203	198	196	193	195	198	200	197	197	203	209	213	219	224	224	222	220	209

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 4 Agincourt — January 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	13	19	605	16	26	512	93	22	01	33.5	01	06	9.1	24.4	22	08	271	15	16	187	84
2	22	01	598	16	40	532	66	19	58	27.9	03	38	5.4	22.5	00	05	235	15	04	196	39
3	22	43	599	17	14	553	46	10	08	24.8	03	25	9.7	15.1	03	10	220	10	13	186	34
4	22	33	612	19	14	535	77	20	08	24.7	05	28	7.6	17.1	01	35	222	10	00	186	36
5	00	39	609	19	06	562	47	18	52	22.0	03	54	8.9	13.1	00	03	219	05	38	189	30
6	11	40	606	15	59	551	55	14	44	25.2	01	26	0.7	24.5	01	16	218	15	13	175	43
7	13	12	593	16	44	530	63	16	20	21.4	14	02	10.5	10.9	17	37	220	20	03	194	26
8 Q	22	11	591	18	40	560	31	19	15	19.3	14	22	9.5	9.8	00	39	218	15	30	197	21
9	03	28	614	16	29	553	61	12	26	25.3	03	09	6.9	18.4	20	23	217	11	17	168	49
10	12	46	610	15	44	514	96	18	39	27.2	06	03	9.0	18.2	18	35	253	05	39	168	85
11 D	12	31	599	08	05	466	133	10	37	59.5	01	44	-24.5	84.0	01	02	316	09	54	-99	415
12	14	33	597	20	26	525	72	20	17	27.5	14	14	10.4	17.1	20	24	290	11	50	173	117
13	22	15	593	04	25	548	45	01	18	21.0	01	02	2.4	18.6	00	55	241	16	12	200	41
14	09	29	603	17	08	559	44	19	21	20.8	14	43	10.8	10.0	03	45	220	10	18	197	23
15 Q	21	55	600	16	07	564	36	20	27	19.5	13	43	10.6	8.9	00	20	214	15	32	195	19
16 Q	10	51	604	17	00	568	36	19	30	20.9	14	48	8.8	12.1	21	19	209	10	28	193	16
17	13	02	601	17	03	576	25	19	04	22.4	14	08	12.0	10.4	23	52	215	14	55	193	22
18 D	10	05	621	03	05	500	121	20	02	30.4	03	11	-11.3	41.7	21	16	281	09	32	162	119
19 D	10	14	607	00	20	523	84	12	51	33.1	04	33	0.8	32.3	00	18	245	08	36	146	99
20 Q	12	06	591	17	00	558	33	19	57	21.7	14	32	12.7	9.0	00	59	222	06	47	198	24
21	23	23	620	16	20	544	76	19	34	23.8	13	57	11.9	11.9	23	59	239	15	08	201	38
22	19	50	607	03	13	490	117	19	41	23.0	04	24	-15.0	38.0	01	23	264	03	57	138	126
23	05	38	601	17	27	545	56	22	07	28.5	22	38	-6.4	34.9	22	25	320	15	40	199	121
24 D	04	46	602	11	50	512	90	12	00	42.3	04	43	-8.5	50.8	23	25	371	11	50	105	266
25	00	57	611	00	41	514	97	01	00	38.1	00	44	1.9	36.2	00	40	331	06	35	189	142
26 Q	14	26	599	17	18	565	34	21	09	18.9	14	48	12.3	6.6	21	37	219	15	52	194	25
27	13	43	635	20	12	537	98	20	06	29.4	14	18	0.8	28.6	19	58	279	10	30	158	121
28 D	21	48	596	04	28	482	114	20	22	25.5	04	43	-7.5	33.0	02	22	345	05	02	-11	356
29	22	53	599	14	27	553	46	20	14	23.0	13	38	7.9	15.1	05	50	230	09	00	192	38
30	01	21	614	15	52	543	71	16	25	24.8	01	18	6.0	18.8	22	13	229	14	23	198	31
31	04	08	600	16	48	542	58	19	20	25.0	03	59	8.6	16.4	21	16	243	11	18	199	44
Mean			604			536	68			26.8			3.9	22.9			252			167	85
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 1956

Day \ Hour 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	Mean
1	576	571	579	586	586	581	571	565	578	579	582	581	578	565	553	544	550	563	578	581	586	593	581	588	575
2	581	583	584	590	601	588	580	581	584	590	585	588	583	584	574	568	564	550	559	591	584	596	581	588	582
3	591	585	586	599	595	583	586	586	586	581	583	585	586	581	575	566	558	565	580	574	594	603	586	572	583
4	585	593	593	589	588	588	591	589	591	593	594	593	591	589	579	561	555	560	571	581	604	589	597	596	586
5	596	596	594	593	596	599	596	595	595	595	594	596	591	588	583	574	568	571	579	584	585	591	597	593	590
6	581	577	589	594	592	595	591	592	593	593	591	586	597	590	578	568	566	563	578	591	601	602	606	606	588
7 Q	604	600	599	599	602	602	604	602	604	602	604	604	602	597	591	583	574	570	576	588	607	609	604	604	597
8 Q	602	601	602	602	603	603	604	604	606	607	609	604	604	603	603	596	588	583	585	595	603	607	609	609	601
9 Q	604	602	602	599	599	601	601	602	603	605	608	609	610	607	606	606	604	600	604	606	608	608	611	612	605
10 Q	611	607	607	606	604	606	607	608	609	610	613	612	614	609	599	585	577	576	585	596	609	607	609	614	603
11 D	616	611	595	611	611	606	609	609	614	611	607	602	593	596	599	591	583	582	591	604	609	601	581	569	600
12 D	563	548	547	540	527	540	548	576	536	556	591	601	598	583	571	559	556	565	581	593	604	609	605	596	571
13	595	593	591	592	587	586	591	591	588	596	599	604	614	604	580	572	568	568	574	588	602	596	599	599	591
14 Q	599	593	588	587	590	599	600	601	604	607	608	607	607	599	590	575	569	568	581	595	603	607	611	612	596
15	612	607	604	604	604	607	609	609	611	608	612	609	607	601	585	567	560	560	576	596	606	599	609	603	599
16	599	604	596	571	573	571	586	598	600	605	603	605	601	596	574	564	553	540	546	563	574	581	595	597	583
17	591	590	594	597	603	601	600	596	602	606	603	605	609	606	594	576	563	557	565	580	591	595	603	604	593
18	603	601	601	600	594	602	602	600	599	600	602	605	607	602	595	574	561	560	564	576	583	595	606	609	593
19	609	607	620	619	616	609	601	604	611	613	607	614	612	612	599	586	576	568	568	573	586	596	599	602	600
20	602	599	599	596	599	598	599	601	601	601	602	604	606	592	592	584	571	561	563	571	586	598	604	606	593
21	604	601	601	596	591	596	596	598	599	600	602	601	596	589	583	566	561	565	571	577	601	604	606	609	592
22	622	612	607	599	609	595	599	599	599	606	603	616	598	584	571	584	581	573	574	580	586	592	604	606	596
23	601	604	601	599	599	597	599	599	600	599	599	594	599	593	579	564	563	568	579	586	591	591	595	599	592
24	596	599	596	599	599	599	599	599	601	602	596	593	599	594	580	563	555	555	565	580	597	604	614	609	591
25 D	609	609	609	646	602	581	348	244	005	-046	116	448	385	531	478	434	456	520	565	588	576	563	558	565	458
26	560	565	568	563	561	558	558	556	541	545	544	543	525	545	561	553	553	557	573	590	586	586	576	577	560
27	586	577	565	568	568	563	558	538	563	582	581	579	576	570	564	561	562	568	578	570	571	596	593	581	572
28 D	565	576	561	580	578	584	584	578	584	579	571	580	578	571	562	546	542	556	563	588	594	591	576	563	573
29 D	554	549	565	576	560	573	585	577	534	548	575	553	578	571	534	510	527	560	585	585	574	582	599	573	564
30																									
31																									
Mean	593	592	591	593	591	590	583	579	571	571	579	590	588	588	577	565	561	564	574	585	593	596	597	595	584

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 6 Agincourt (D) West 7° + ... ′ February 1956

Day \ Hour 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	Mean
1	13.3	16.9	14.5	16.5	14.7	18.1	16.3	16.2	12.0	12.9	15.3	14.3	12.1	10.8	11.9	18.8	21.7	24.1	23.9	23.8	22.6	21.8	20.1	17.4	17.1
2	15.5	16.5	15.2	15.4	18.1	14.5	14.5	21.6	12.8	14.1	12.3	16.9	12.9	11.9	13.3	14.5	17.5	19.9	22.5	23.6	21.7	20.1	20.6	18.8	16.9
3	18.0	16.6	15.3	12.4	13.8	13.6	14.7	16.0	15.5	15.1	15.5	13.4	14.8	10.9	09.1	12.6	15.2	18.8	20.7	22.0	20.9	19.7	20.7	16.8	15.9
4	17.0	15.4	14.7	15.0	16.1	20.2	18.3	16.2	16.5	15.2	14.7	15.6	16.1	13.2	11.0	14.6	17.3	19.7	21.2	22.0	21.7	19.0	18.2	17.8	17.0
5	16.5	15.6	15.4	14.2	14.3	16.1	16.1	16.5	16.1	15.3	15.2	15.1	13.5	13.3	12.3	13.2	16.0	18.1	20.6	21.6	20.7	19.3	20.2	18.3	16.4
6	17.0	16.2	14.3	15.1	15.6	16.0	15.6	16.1	15.1	14.3	13.3	15.9	15.0	11.5	11.3	13.2	16.5	18.9	19.8	19.9	18.9	17.5	16.9	16.5	15.9
7 Q	16.0	15.5	15.1	15.6	16.4	14.9	14.7	15.5	15.7	15.2	15.2	15.1	14.2	12.8	11.4	12.8	15.3	18.4	20.7	20.6	19.9	19.7	18.9	18.1	16.2
8 Q	16.9	15.5	15.5	15.5	16.0	16.0	15.9	16.0	15.6	15.5	14.7	14.3	14.3	13.5	12.6	12.3	14.3	16.5	18.0	19.1	18.9	17.9	16.9	16.6	15.8
9 Q	17.2	16.5	14.4	16.0	15.4	15.1	15.2	15.1	14.7	14.3	14.0	15.1	14.4	12.9	12.7	13.3	15.6	17.3	18.8	17.4	16.9	16.7	16.5	15.5	15.4
10 Q	15.3	15.0	15.0	15.3	15.4	15.2	15.6	15.2	14.7	14.4	13.8	13.7	13.3	12.4	11.9	13.2	15.9	18.8	20.7	21.6	21.7	20.7	18.1	17.1	16.0
11 D	16.0	16.1	16.6	15.2	14.2	15.2	15.5	16.1	15.5	14.4	13.2	12.5	10.6	15.4	14.1	15.5	18.4	21.0	21.5	23.4	25.5	23.0	20.1	18.0	17.0
12 D	17.5	13.2	11.9	05.1	11.9	05.4	10.3	10.9	11.9	30.8	16.6	24.8	14.7	11.4	11.9	13.7	16.6	19.3	21.6	21.8	19.2	17.8	15.9	17.5	15.5
13	16.9	17.0	16.0	16.0	17.0	16.6	15.5	18.8	17.5	15.4	16.5	20.7	17.8	13.4	11.0	14.3	17.5	19.8	21.3	21.0	19.2	17.5	17.0	16.5	17.1
14 Q	15.9	15.8	15.1	15.1	15.1	16.5	16.0	16.1	16.1	16.0	15.1	14.6	13.6	11.6	10.0	10.7	15.5	18.6	21.1	21.2	19.8	18.7	17.1	16.1	15.9
15	16.0	15.5	15.6	16.0	15.8	16.6	17.1	16.1	16.9	15.5	14.7	12.4	11.9	10.7	09.7	12.8	17.1	20.4	22.5	23.1	23.0	20.6	18.2	17.9	16.5
16	16.5	15.3	15.3	04.1	08.3	09.6	13.3	16.1	16.0	15.3	13.6	13.3	13.2	17.5	12.8	16.4	16.3	19.8	23.7	23.5	25.3	23.0	19.1	17.4	16.0
17	16.6	12.4	14.3	13.8	14.3	15.5	16.3	16.2	15.9	15.5	15.2	14.3	13.8	11.1	08.5	08.6	12.0	17.1	20.9	22.1	21.7	20.2	18.8	17.2	15.5
18	16.6	16.0	15.8	16.2	15.5	17.8	15.1	14.6	14.6	15.1	16.0	15.2	13.8	10.9	08.8	08.7	15.0	18.8	20.7	22.0	21.0	20.1	18.4	17.2	16.0
19	16.5	16.1	15.2	15.5	15.2	14.3	09.8	14.7	15.5	15.2	18.7	17.5	18.4	21.0	15.3	06.7	10.7	15.9	18.1	20.6	20.6	18.9	18.4	17.1	16.1
20	16.9	15.9	15.5	15.5	15.6	15.5	16.1	16.3	16.1	15.6	15.5	15.1	12.0	14.2	16.1	10.9	13.7	17.2	19.9	21.1	21.2	19.3	17.8	17.4	16.3
21	17.4	16.1	15.6	16.0	16.6	15.4	16.1	16.4	15.6	15.1	15.0	14.6	14.0	12.6	11.9	13.3	15.3	16.5	18.0	18.9	18.4	18.4	17.5	16.9	15.9
22	16.5	16.5	16.5	12.6	15.1	14.2	16.1	15.4	15.4	14.7	14.3	12.6	11.9	09.7	09.8	15.4	15.0	17.0	18.4	19.3	19.8	19.4	18.4	17.1	15.4
23	16.9	16.5	16.3	16.0	16.1	16.0	15.6	15.5	15.2	15.5	16.6	16.1	13.6	11.0	10.1	08.9	17.2	21.2	21.2	21.7	20.4	19.7	18.7	17.4	16.4
24	16.6	16.5	16.5	16.5	16.5	16.2	16.0	15.5	15.4	15.2	15.8	16.9	15.5	09.7	07.9	09.8	12.4	15.6	19.2	20.7	21.1	19.4	18.1	17.5	15.8
25 D	17.0	16.4	16.0	13.8	12.8	17.2	37.7	22.7	02.7	09.8	06.4	18.1	21.6	07.3	18.0	17.5	34.2	35.0	28.1	22.7	24.4	22.9	20.8	20.1	19.3
26	18.2	19.3	18.1	17.2	17.0	18.1	16.4	16.9	20.0	16.1	13.3	13.8	16.1	14.3	10.8	13.2	16.7	19.0	19.8	20.1	20.6	21.1	19.8	19.2	17.3
27	21.6	10.9	14.6	16.1	14.6	17.9	16.2	22.7	18.9	16.0	16.1	15.2	14.3	13.3	13.5	16.3	19.0	21.1	21.7	25.7	26.7	23.4	21.4	13.8	18.0
28 D	19.9	17.5	11.5	04.7	17.2	19.3	16.2	17.4	18.7	15.2	14.3	14.2	11.9	11.9	12.0	16.5	21.2	22.1	23.5	20.2	21.0	20.6	19.3	15.6	16.8
29 D	04.0	13.8	12.0	23.0	12.0	08.8	17.5	14.5	21.6	25.7	15.2	19.0	14.9	07.6	10.2	25.1	29.0	23.0	20.7	23.0	25.4	23.9	20.7	08.7	17.5
30																									
31																									
Mean	16.4	15.7	15.1	14.5	15.0	15.4	16.2	16.4	15.5	15.8	14.7	15.5	14.3	12.3	11.7	13.6	17.2	19.6	21.0	21.5	21.3	20.0	18.7	17.0	16.4

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 7 Agincourt (Z) 56,000 γ + February 1956

Day \ Hour 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	Mean
1	228	234	232	235	229	223	221	195	204	198	204	211	213	211	207	206	210	214	210	219	226	229	228	226	217
2	227	226	221	214	208	213	214	189	207	213	205	204	202	207	205	204	208	212	216	219	219	223	217	220	212
3	220	218	216	213	204	210	213	213	211	201	202	205	214	216	210	208	209	214	216	210	216	218	219	231	213
4	222	216	213	210	208	200	198	208	212	210	208	207	210	210	204	199	204	210	214	218	222	217	214	214	210
5	213	213	211	211	208	208	210	213	212	210	210	210	210	210	208	202	204	201	207	211	219	222	222	226	211
6	230	234	222	214	210	208	208	210	208	208	204	204	210	210	208	204	205	208	208	208	210	210	210	210	211
7 Q	208	208	210	208	204	204	207	209	209	208	207	207	208	205	204	200	199	201	205	211	213	213	210	211	207
8 Q	211	210	208	206	205	204	206	207	206	205	204	202	203	204	202	199	196	196	198	206	210	208	210	208	205
9 Q	207	208	208	209	208	207	207	205	204	204	204	204	202	202	199	192	193	198	202	205	205	204	202	204	203
10 Q	204	202	202	202	202	203	204	202	202	199	199	198	198	198	198	196	198	200	204	208	208	210	208	208	202
11 D	209	210	224	217	209	203	203	205	205	202	199	197	197	202	197	192	192	197	205	208	221	251	271	259	211
12 D	260	262	241	211	197	155	146	190	152	-005	089	144	190	201	205	202	206	212	211	214	209	206	209	211	191
13	215	215	215	211	211	209	197	196	197	208	209	200	197	205	203	200	200	205	209	211	211	211	210	208	206
14 Q	209	208	208	209	206	207	205	206	206	206	206	207	206	206	205	200	200	200	200	200	205	208	208	206	205
15	206	205	205	205	205	205	202	201	202	203	203	202	202	202	200	201	205	208	209	211	209	208	208	211	205
16	213	209	209	205	179	197	205	209	209	209	207	207	205	197	191	193	194	205	221	232	230	224	221	219	208
17	221	222	216	213	210	209	209	206	206	206	206	207	207	209	204	198	195	198	204	204	208	210	213	210	208
18	208	209	210	210	210	201	194	203	201	204	204	206	210	210	206	199	198	202	204	210	212	216	213	210	206
19	210	206	210	204	206	201	199	206	206	204	198	167	175	178	178	188	192	198	204	212	216	216	212	211	200
20	209	207	209	209	207	204	206	206	206	206	206	206	207	205	201	199	194	201	209	212	218	219	212	210	207
21	206	209	206	206	207	206	210	208	208	209	206	207	209	209	209	206	203	207	214	216	218	213	209	206	209
22	207	204	210	211	189	207	210	210	208	208	207	205	202	208	202	198	193	199	206	208	211	213	217	211	206
23	208	208	208	206	207	207	207	207	208	207	207	201	202	205	201	195	204	208	216	220	217	219	217	215	208
24	211	211	207	209	207	207	208	210	207	208	207	207	204	205	204	202	205	207	211	211	217	215	211	211	208
25 D	211	210	210	202	171	175	-059	-276	-365	-159	-059	168	134	240	205	213	230	241	237	256	298	262	243	243	159
26	253	247	239	236	233	231	236	235	220	199	198	215	217	213	224	223	231	235	234	237	234	229	225	228	228
27	236	264	257	248	238	239	233	209	206	226	229	226	224	222	217	214	218	220	227	236	238	244	248	242	232
28 D	242	232	232	211	227	223	223	222	215	206	201	211	218	222	218	214	218	226	233	244	238	241	245	253	226
29 D	265	254	241	176	211	231	227	209	169	137	170	184	194	212	208	206	220	234	232	230	226	232	244	250	215
30																									
31																									
Mean	220	219	217	211	207	207	201	193	187	189	193	201	202	208	204	202	204	209	213	217	220	220	220	220	208

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 8 Agincourt — February 1956

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	21	09	607	15	33	538	69	17	41	25.7	14	08	9.7	16.0	03	38	239	07	41	187	52
2	04	17	611	17	58	538	73	07	16	30.3	13	38	10.3	20.0	01	40	228	07	26	174	54
3	03	45	614	16	28	556	58	19	43	22.9	14	30	7.0	15.9	23	21	234	09	45	195	39
4	20	10	608	15	48	551	57	05	53	29.9	14	13	9.1	20.8	20	10	225	05	58	192	33
5	05	11	602	16	45	566	36	20	11	22.9	15	22	10.9	12.0	23	27	228	17	43	198	30
6	23	33	608	17	22	558	50	19	25	20.6	14	07	10.1	10.5	00	01	238	11	11	202	36
7 Q	21	24	613	17	25	566	47	19	04	21.1	14	35	10.9	10.2	21	24	214	16	00	198	16
8 Q	22	27	611	17	28	580	31	20	14	19.8	14	36	12.0	7.8	00	37	212	17	26	195	17
9 Q	23	59	612	04	32	595	17	18	55	19.1	13	53	12.4	6.7	02	30	210	16	27	192	18
10 Q	23	27	615	16	32	571	44	20	27	22.8	14	19	11.5	11.3	21	26	214	16	31	195	19
11 D	21	10	638	23	44	561	77	20	56	29.3	13	04	8.7	20.6	22	28	301	15	44	186	115
12 D	21	42	627	09	00	476	151	09	08	42.7	03	48	-5.6	48.3	01	00	271	08	14	-47	318
13	12	25	615	17	32	565	50	11	45	23.5	14	14	9.6	13.9	00	52	215	06	48	184	31
14 Q	23	30	613	16	03	563	50	19	15	22.4	15	30	9.6	12.8	03	06	209	15	34	198	11
15	06	47	614	17	05	556	58	19	03	23.8	14	17	9.1	14.7	23	45	213	07	00	197	16
16	09	48	611	17	30	537	74	20	32	26.2	03	54	-2.9	29.1	20	05	233	04	20	169	64
17	12	20	609	17	50	553	56	19	30	22.5	14	22	7.9	14.6	01	10	225	16	27	192	33
18	05	48	614	17	33	555	59	19	13	22.1	15	12	8.1	14.0	21	21	216	06	00	188	28
19	02	26	650	14	48	553	97	11	17	25.8	14	52	3.7	22.1	02	22	220	11	39	160	60
20	23	48	608	17	33	556	52	20	00	22.1	15	23	9.1	13.0	21	04	220	16	16	191	29
21	20	05	627	20	02	556	71	20	03	21.2	14	48	8.7	12.5	20	04	234	16	01	195	39
22	00	18	646	14	32	563	83	04	27	20.2	03	54	-0.9	21.1	03	43	226	04	25	172	54
23	01	27	612	15	37	548	64	19	00	22.8	15	23	6.0	16.8	19	58	223	15	18	193	30
24	23	06	619	17	02	549	70	19	54	21.6	13	58	6.3	15.3	20	57	217	15	15	200	17
25 D	03	51	671	(08	46	-436)	(1107)	06	45	59.8	08	43	-29.7	89.5	20	12	319	08	40	-588	907
26	19	39	607	13	04	502	105	08	41	25.3	13	47	8.9	16.4	00	56	259	09	34	169	90
27	22	44	611	08	03	518	93	02	25	29.3	01	52	-13.0	42.3	01	43	306	08	01	182	124
28 D	18	49	607	02	54	534	73	18	47	25.7	03	07	-18.9	44.6	23	57	269	10	02	191	78
29 D	19	57	612	09	12	488	124	08	48	37.3	00	38	-5.1	42.4	00	24	330	09	12	-3	333
30																					
31																					
Mean			617			514	103			26.2			4.3	21.9			240			147	93
No. days			29			29	29			29			29	29			29			29	29

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 9 Agincourt (H) 15,000 γ + March 1956

Day \ Hour 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	Mean
1	587	590	591	584	578	576	582	560	583	569	558	571	583	570	556	548	548	553	553	568	592	605	583	583	574
2	594	590	581	578	588	557	543	559	588	593	591	577	585	585	571	562	558	548	563	579	588	602	593	599	578
3 D	591	597	612	596	581	616	586	545	548	310	172	217	418	453	478	496	527	522	587	578	677	870	644	620	535
4	556	556	551	557	560	557	556	566	573	565	557	543	558	553	527	540	540	543	546	553	569	574	584	581	557
5	582	585	584	585	580	582	587	583	582	582	581	577	570	568	567	566	559	564	573	567	570	584	588	586	577
6	590	578	575	581	573	575	582	584	581	582	582	585	586	578	571	560	552	552	554	559	579	589	596	600	577
7 Q	599	598	595	592	592	594	595	599	598	598	596	592	595	587	576	568	557	551	558	567	582	595	603	600	587
8 Q	598	598	598	596	598	598	598	598	600	600	601	601	597	590	582	575	570	575	582	587	590	595	600	600	593
9 Q	601	603	601	600	601	601	600	600	600	600	603	602	599	595	590	580	580	585	598	606	612	619	617	615	600
10	617	620	615	617	608	592	600	600	598	600	601	608	600	590	575	558	552	559	577	608	621	643	680	736	607
11	696	670	582	554	557	561	545	554	563	564	580	586	579	569	557	544	547	560	575	587	598	612	595	580	580
12	583	591	590	588	585	587	590	590	592	595	594	600	596	592	576	560	551	557	574	590	598	598	594	596	586
13	595	595	588	586	590	583	585	587	575	585	594	600	595	582	567	552	548	555	562	571	583	592	600	585	581
14	581	590	586	580	587	595	598	600	598	594	600	603	585	570	575	575	560	560	570	579	592	598	590	597	586
15	598	598	585	586	595	600	598	598	598	592	592	590	592	584	568	553	532	560	585	592	605	605	603	603	588
16	603	603	600	601	602	603	603	603	598	595	598	501	595	589	577	560	557	564	585	595	611	606	599	606	594
17 Q	608	605	604	603	600	603	603	604	605	607	604	601	590	578	568	557	555	564	577	587	598	610	613	608	594
18 Q	608	608	608	607	608	606	608	608	611	608	608	606	598	585	567	552	555	572	588	598	603	613	606	603	597
19	606	618	611	605	608	610	613	618	616	618	618	615	610	599	585	587	590	592	598	600	618	622	609	580	606
20	565	561	561	569	583	589	590	593	594	598	600	603	595	583	569	563	565	575	593	606	615	616	620	623	589
21 D	608	586	595	595	601	589	564	506	503	561	584	572	569	559	572	569	555	583	597	578	612	603	608	617	579
22 D	573	578	446	518	530	504	507	481	501	511	535	534	532	548	550	562	565	562	598	620	643	732	678	655	561
23	716	681	570	521	455	506	541	569	564	565	570	568	559	553	544	541	542	547	555	566	578	578	575	578	564
24 D	583	582	583	578	570	572	583	583	582	581	565	572	568	553	527	494	530	555	578	573	593	614	606	580	571
25	552	539	559	564	564	559	565	574	579	579	569	573	569	557	544	532	533	546	579	590	612	625	602	589	569
26	582	590	592	583	587	592	597	595	580	543	556	577	559	546	558	537	543	556	566	584	597	599	598	594	575
27	590	582	582	581	582	590	594	590	592	591	587	590	592	576	560	539	534	534	553	570	597	610	619	607	581
28	590	564	580	565	569	562	574	584	577	574	580	577	571	571	554	535	531	536	565	599	633	675	686	579	580
29 D	700	577	571	553	550	535	526	501	505	551	566	570	561	549	538	527	526	538	558	582	612	599	582	594	561
30	594	594	597	597	597	584	590	595	596	594	595	592	587	570	541	534	538	549	577	601	624	637	642	632	590
31	615	564	577	581	579	579	574	561	571	577	577	570	559	564	552	546	543	551	564	589	605	596	599	598	575
Mean	602	584	583	581	580	580	580	577	580	574	572	574	576	570	560	551	550	557	574	585	604	620	610	604	580

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 10 Agincourt (D) West 7° + ... ' March 1956

Day \ Hour 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	Mean
1	17.8	16.0	14.7	14.5	14.0	10.4	11.4	14.7	22.4	16.5	21.3	17.9	14.2	10.4	08.6	11.6	14.5	17.8	22.6	23.6	23.9	20.5	23.5	20.7	16.8
2	17.9	17.4	15.6	15.3	12.5	16.9	15.5	11.0	23.0	13.2	15.2	17.7	15.9	11.9	10.4	12.6	14.6	17.8	19.3	23.0	24.8	22.1	22.0	20.1	16.9
3 D	17.5	16.9	14.3	12.6	03.2	02.4	09.6	12.0	07.3	29.0	97.2	35.5	45.5	45.4	41.9	29.4	29.8	24.4	17.3	19.8	09.7	05.2	17.9	23.9	23.6
4	22.5	24.2	17.3	16.5	21.6	15.9	12.4	18.4	15.0	15.0	16.6	15.2	12.6	11.5	11.8	15.5	18.0	17.5	19.8	22.0	21.8	20.0	18.8	18.9	17.4
5	18.2	18.3	18.0	17.4	16.6	17.1	23.5	17.5	15.6	16.5	14.8	13.7	12.7	11.7	11.8	13.9	17.3	22.4	23.5	24.8	23.3	22.1	22.0	21.5	18.1
6	18.8	19.3	16.6	19.1	14.7	15.2	19.8	15.6	13.6	14.7	13.9	15.1	11.9	10.9	10.5	14.5	17.9	21.6	24.5	26.7	25.3	22.5	19.9	18.4	17.5
7 Q	17.6	16.9	16.9	16.6	16.6	16.8	16.5	16.5	15.5	15.6	15.1	17.1	13.2	10.6	11.9	10.9	13.8	17.9	21.0	22.9	23.0	21.8	20.2	18.9	16.8
8 Q	17.5	17.0	16.6	16.4	16.5	16.6	16.6	16.5	16.6	15.6	15.3	13.7	11.9	10.2	10.6	12.4	15.5	18.9	20.7	21.6	21.8	21.2	20.1	18.9	16.6
9 Q	17.9	17.4	16.9	16.6	16.6	15.5	15.6	15.5	15.5	15.1	14.9	14.3	12.7	11.0	11.6	12.8	16.2	19.3	21.0	20.2	19.4	18.7	18.3	18.0	16.3
10	17.5	16.5	16.1	15.6	15.0	10.9	17.5	13.2	13.3	11.9	13.3	11.9	10.0	09.6	10.5	13.2	17.8	21.6	24.5	24.1	26.8	27.5	23.8	17.1	16.6
11	23.5	15.1	12.2	14.3	16.1	16.5	23.0	13.4	13.3	16.0	16.5	13.8	11.1	09.7	10.9	15.1	20.1	23.5	24.7	24.4	23.0	20.2	19.8	21.7	17.4
12	20.6	18.4	17.4	17.1	16.4	14.7	15.2	16.5	16.5	15.5	15.8	13.2	10.5	08.7	06.5	10.1	16.0	22.1	24.4	24.8	23.0	22.6	20.2	19.3	16.9
13	18.4	17.0	16.4	14.7	12.8	11.9	16.6	12.9	14.2	13.0	14.7	14.3	10.0	07.3	07.9	10.4	16.1	20.5	22.2	23.5	23.0	21.2	18.8	14.6	15.5
14	16.1	15.6	15.2	13.7	14.8	16.9	17.4	16.9	17.9	19.7	17.5	10.9	12.8	17.5	20.8	20.3	22.6	26.9	26.1	25.3	23.1	20.6	17.9	16.5	18.5
15	11.8	19.2	08.9	12.0	14.7	16.5	16.9	17.4	15.6	14.6	14.0	14.3	10.9	08.8	10.5	15.6	22.7	27.5	26.7	24.8	22.1	19.7	17.5	16.9	16.6
16	16.5	15.6	15.6	15.9	16.4	16.5	16.1	14.3	14.7	13.8	13.0	11.4	09.7	10.1	10.7	14.6	20.1	25.7	27.4	25.7	23.0	20.2	18.9	16.1	16.7
17 Q	16.1	16.5	16.5	16.6	16.0	15.5	16.0	15.5	15.5	15.2	14.3	12.5	10.6	09.4	10.6	14.4	18.4	21.8	23.8	22.9	20.7	18.9	16.9	17.0	16.3
18 Q	17.4	17.0	16.7	16.9	16.0	15.3	15.2	16.0	17.5	14.3	12.9	11.9	10.1	08.7	07.9	12.0	18.1	23.1	23.4	23.0	22.4	20.2	17.8	16.6	16.3
19	16.6	16.0	15.9	10.6	16.1	15.1	14.8	14.5	14.3	14.5	13.3	11.7	10.6	09.2	10.6	13.5	16.1	19.1	19.9	20.2	20.8	21.6	21.2	22.1	15.8
20	17.8	14.7	10.3	15.1	14.3	16.6	17.5	16.0	15.6	15.6	15.2	13.4	10.9	09.8	10.1	13.5	18.3	21.6	23.0	22.4	21.9	21.5	19.7	17.0	16.3
21 D	18.9	20.6	17.4	16.6	14.8	16.0	21.5	12.8	07.8	04.5	10.4	08.9	13.7	12.8	17.6	20.7	21.6	24.8	25.3	26.2	20.7	19.8	16.7	12.9	16.8
22 D	11.7	-09.7	05.1	12.8	15.2	10.1	07.5	20.2	17.0	07.7	18.9	11.9	13.6	12.9	09.8	15.2	17.3	20.4	20.8	22.0	22.9	19.8	13.8	20.0	14.0
23	21.5	09.2	12.9	16.1	24.6	06.3	17.5	16.4	14.2	14.3	13.8	12.4	10.5	10.2	11.9	14.2	17.0	19.9	21.6	21.2	21.1	20.6	19.9	19.3	16.1
24 D	18.9	18.2	17.8	16.1	14.1	15.2	18.3	15.5	15.2	15.4	21.1	16.5	13.1	13.8	16.4	14.8	30.8	27.4	24.7	25.4	23.8	20.6	21.5	20.0	18.9
25	12.8	09.9	13.2	13.3	15.9	16.0	14.7	18.0	17.0	14.3	18.4	16.5	11.7	10.5	12.3	16.5	22.6	26.4	27.7	26.5	23.5	22.4	22.6	20.8	17.6
26	20.2	17.4	15.9	15.4	16.5	16.0	17.4	16.5	17.0	27.6	19.3	10.9	08.2	16.3	16.1	16.3	21.6	23.6	25.6	25.0	23.5	19.5	17.1	17.8	18.4
27	17.0	13.8	11.3	13.8	21.1	14.7	15.9	14.7	14.4	13.3	13.4	10.9	06.9	07.3	07.8	11.1	16.6	19.8	24.6	25.5	25.4	24.5	24.7	28.5	16.6
28	29.9	13.3	06.8	11.5	12.4	11.9	12.5	14.7	14.3	15.6	19.0	15.4	14.6	11.9	09.6	12.8	18.8	23.9	25.5	23.4	24.7	19.8	22.8	23.1	17.0
29 D	18.7	00.4	12.7	11.9	07.3	08.9	12.4	22.0	10.1	11.8	15.9	14.7	11.8	11.5	12.2	15.5	20.2	24.2	23.5	23.8	22.8	22.1	19.8	18.9	15.5
30	17.9	17.1	16.5	15.5	14.9	13.8	12.8	15.2	15.4	15.3	14.9	13.3	09.8	07.3	08.3	14.9	20.6	25.3	30.0	32.2	30.3	27.2	29.4	27.6	18.6
31	18.8	14.6	14.6	10.8	12.9	14.3	15.1	16.5	13.7	14.6	12.3	09.7	14.3	10.6	11.7	16.6	18.9	22.5	24.7	23.9	22.0	21.0	19.8	19.8	16.4
Mean	18.2	15.2	14.6	14.9	15.2	14.1	15.9	15.7	15.1	15.2	18.1	14.2	12.8	11.8	12.2	14.7	19.0	22.2	23.5	23.9	22.7	20.8	20.1	19.4	17.1

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt (Z) 56,000 γ + March 1956

Day \ Hour 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	Mean
1	238	230	226	226	224	223	208	196	196	190	193	203	218	218	217	212	218	220	227	238	242	260	249	236	221
2	232	233	238	241	218	163	125	156	154	199	212	202	224	220	220	220	218	219	232	230	240	242	232	232	213
3 D	249	266	269	254	226	275	218	168	179	-043	-094	-165	005	111	140	217	242	252	329	363	376	435	365	398	222
4	333	269	252	242	171	189	243	221	231	231	227	219	231	230	231	237	230	229	231	230	233	233	234	231	234
5	233	231	230	227	228	221	209	215	224	224	221	224	224	224	224	219	224	230	233	237	236	236	234	236	227
6	233	244	243	220	224	233	209	197	219	222	219	221	222	218	218	215	219	221	222	227	233	233	227	225	223
7 Q	223	221	221	222	221	221	222	221	218	221	220	221	224	222	216	213	213	218	224	224	225	225	230	227	221
8 Q	226	225	223	222	222	222	220	222	220	220	219	219	220	220	219	216	210	213	214	214	216	221	222	223	219
9 Q	221	220	220	220	220	216	219	219	219	219	219	219	219	219	216	214	210	209	213	217	220	220	216	216	218
10	215	214	214	216	214	219	213	207	214	213	216	219	220	216	214	213	216	219	226	231	241	270	372	438	236
11	456	364	321	252	243	228	138	183	219	225	231	235	235	234	229	226	222	220	222	222	227	238	243	249	244
12	240	235	231	226	225	220	220	223	225	226	223	226	226	222	218	215	216	220	226	231	234	231	226	225	225
13	224	223	227	223	184	209	202	181	179	211	220	227	226	222	217	211	212	215	214	218	225	230	235	242	216
14	242	233	229	224	224	223	223	223	205	179	175	215	209	217	209	203	209	217	221	221	227	229	231	229	217
15	230	226	230	227	227	223	221	211	203	209	217	220	223	221	215	215	218	226	227	229	227	229	227	223	222
16	221	221	221	220	218	217	217	211	199	203	214	218	220	221	220	217	221	221	223	223	226	229	226	224	219
17 Q	222	221	218	217	217	220	219	218	218	217	218	220	221	220	218	219	222	223	226	223	220	223	226	221	220
18 Q	220	219	217	217	215	215	215	214	208	211	216	217	220	218	214	213	217	221	221	221	226	229	227	226	218
19	222	221	216	215	216	216	215	215	213	213	214	216	219	221	222	217	213	219	218	216	225	240	263	278	223
20	269	252	220	218	227	227	224	222	221	221	220	219	219	216	210	202	197	198	200	204	210	213	216	219	218
21 D	227	233	223	219	221	195	170	126	104	162	207	217	212	207	200	198	204	222	243	258	252	245	272	342	215
22 D	334	236	060	222	174	152	200	206	180	195	179	188	199	200	201	201	212	235	262	275	290	378	372	368	230
23	414	417	281	216	201	200	218	258	252	248	243	243	242	239	236	231	233	233	233	230	228	231	230	229	249
24 D	231	230	231	231	233	233	223	224	227	221	200	171	185	189	198	214	237	240	243	236	257	306	311	302	232
25	270	266	260	246	218	200	203	184	210	215	216	218	223	221	218	212	215	224	236	222	224	240	267	267	228
26	252	234	230	240	237	228	219	222	197	128	128	170	206	216	216	218	222	225	234	236	242	264	252	236	219
27	233	232	230	230	210	208	213	221	219	217	212	213	219	217	217	213	220	229	244	251	255	266	291	315	232
28	354	303	266	258	241	226	226	231	225	220	210	196	195	196	204	208	217	226	246	271	291	367	405	378	257
29 D	391	166	285	264	213	229	174	100	147	205	226	228	232	231	228	223	229	238	253	247	244	250	248	235	229
30	229	228	226	226	219	192	207	220	223	223	224	223	223	219	216	216	214	231	246	261	274	301	316	334	237
31	369	283	261	247	223	241	228	222	211	219	222	222	214	210	213	215	222	225	237	252	262	254	247	243	239
Mean	266	245	233	230	218	216	208	204	205	204	204	205	214	215	214	215	218	224	233	237	243	257	262	266	227

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 12 Agincourt — March 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	21	32	617	18	58	542	75	08	09	26.2	05	45	6.4	19.8	21	21	269	08	39	177	92
2	23	46	613	05	58	507	106	05	57	29.3	06	48	6.8	22.5	20	57	248	05	58	92	156
3 D	21	43	1201	10	05	7	1208	10	37	126.7	20	54	-23.0	149.7	21	56	732	10	56	-294	1026
4	23	42	591	14	16	517	74	00	15	28.4	06	22	5.9	22.5	00	02	373	04	41	152	221
5	06	32	595	16	45	557	38	06	15	27.2	14	15	10.0	17.2	19	25	239	06	55	203	36
6	23	31	603	16	32	542	61	19	38	27.9	13	48	6.7	21.2	02	06	251	07	03	188	63
7 Q	22	44	605	17	20	551	54	20	13	23.5	13	06	10.1	13.4	22	42	230	16	24	212	18
8 Q	22	47	606	16	20	567	39	20	26	21.9	13	48	9.7	12.2	00	05	228	16	39	210	18
9 Q	21	32	626	16	00	577	49	18	40	21.2	13	18	10.6	10.6	00	01	222	17	25	207	15
10	23	38	893	16	18	550	343	23	57	30.4	23	44	-0.5	30.9	23	34	524	06	51	201	323
11	00	03	820	06	43	504	316	06	37	35.0	01	10	-2.9	37.9	00	14	478	06	37	9	469
12	21	27	608	16	03	544	64	19	18	25.8	14	44	5.1	20.7	00	07	243	16	03	210	33
13	03	08	615	16	13	543	72	19	34	23.6	13	42	5.8	17.8	23	38	247	04	13	162	85
14	11	03	608	16	31	554	54	09	47	32.9	11	46	8.3	24.6	00	10	247	10	13	148	99
15	01	07	609	16	40	511	98	17	42	28.1	00	52	3.2	24.9	00	52	235	08	02	200	35
16	21	12	620	16	14	549	71	18	05	28.0	12	53	8.7	19.3	21	10	230	08	21	193	37
17 Q	22	05	619	16	30	554	65	18	38	24.4	13	17	9.1	15.3	22	05	227	02	55	217	10
18 Q	21	26	620	15	54	547	73	17	35	23.8	14	38	6.3	17.5	21	25	232	08	41	203	29
19	20	49	638	23	59	567	71	23	05	26.3	03	41	5.5	20.8	23	12	279	03	53	211	68
20	23	08	631	14	47	559	72	18	48	23.8	02	28	0.4	23.4	00	05	273	16	25	194	79
21 D	23	07	629	08	02	461	168	19	16	30.9	08	44	-1.0	31.9	23	32	372	08	18	52	320
22 D	21	54	895	02	32	275	620	00	15	80.7	01	18	-59.2	139.9	21	52	498	02	52	-70	568
23	00	33	823	03	29	400	423	01	49	56.7	01	28	-11.6	68.3	01	03	532	03	52	66	466
24 D	21	48	626	13	34	484	142	16	35	34.4	23	59	6.3	28.1	21	45	326	11	16	156	170
25	21	01	628	01	26	524	104	18	16	29.1	00	50	3.7	25.4	00	43	294	07	22	171	123
26	20	52	610	13	23	524	86	09	32	31.6	12	29	6.2	25.4	21	50	273	09	45	86	187
27	22	22	634	17	29	529	105	23	32	31.9	02	00	4.9	27.0	23	35	331	04	53	199	132
28	22	22	718	16	38	526	192	00	26	39.1	02	20	-7.6	46.7	22	42	444	12	32	189	255
29 D	00	24	891	07	25	444	447	00	46	31.9	01	08	-26.4	58.3	00	22	481	07	37	58	423
30	22	19	677	15	10	528	149	22	38	38.0	13	25	6.2	31.8	23	59	372	05	50	184	188
31	00	04	643	16	23	542	101	00	07	33.0	03	58	0.8	32.2	00	14	409	04	03	196	213
Mean			681			502	179			34.6			0.5	34.1			333			141	192
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 1956

Day \ Hour 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	Mean
1	589	571	572	578	554	564	564	579	590	597	594	588	577	559	539	532	536	552	568	585	599	608	602	604	575
2	596	592	595	594	594	595	594	595	594	590	572	579	572	554	566	542	533	546	569	594	627	651	622	605	586
3	593	576	584	596	573	583	584	584	589	581	578	581	581	584	565	564	581	582	600	611	614	602	609	606	587
4	606	604	589	583	597	587	582	589	591	583	600	596	583	566	558	557	567	576	589	596	596	606	609	614	588
5	615	601	596	598	604	596	593	603	601	602	606	604	594	578	556	574	592	586	598	606	617	628	607	616	599
6	613	611	606	600	601	606	609	611	616	613	619	615	609	614	589	585	573	570	579	589	604	596	609	610	602
7	593	573	587	598	596	598	598	602	603	609	609	598	584	567	572	582	602	609	614	613	613	609	608	609	598
8	601	601	606	604	606	606	608	606	604	610	606	599	580	574	573	564	573	588	601	610	614	611	609	606	598
9	606	607	604	601	606	605	610	612	610	608	616	609	594	574	568	554	558	570	588	606	621	612	609	610	598
10	607	606	606	604	606	611	611	604	601	598	595	604	594	579	555	542	571	588	592	588	593	596	606	614	595
11	619	615	613	611	600	605	612	611	611	608	608	603	595	580	564	578	588	593	599	582	590	605	610	605	600
12	605	590	595	604	610	613	608	618	621	618	618	605	594	575	584	570	575	590	605	618	624	623	620	618	604
13 Q	615	617	608	598	609	605	608	615	613	610	605	600	599	587	572	563	576	595	610	615	622	620	622	619	604
14 Q	618	618	618	615	620	615	608	609	613	611	613	610	601	597	583	573	570	583	594	612	615	614	619	620	606
15 Q	621	618	613	620	620	620	614	618	618	623	622	620	611	596	583	572	583	592	615	620	625	618	618	621	612
16	631	633	631	628	600	599	612	620	620	617	620	618	612	595	578	556	550	578	591	617	618	625	635	617	608
17	598	570	572	559	556	576	584	582	577	583	588	590	577	546	534	539	556	563	577	579	609	641	617	605	578
18	600	594	600	597	598	582	580	572	582	580	575	572	586	566	544	558	578	585	590	607	606	600	626	611	587
19	600	593	602	597	587	580	580	569	575	579	572	571	576	564	559	566	580	592	595	593	600	588	588	592	583
20	603	608	615	603	603	596	593	597	597	592	592	595	588	577	572	573	580	590	605	618	631	618	619	611	599
21 D	597	612	608	604	600	606	596	590	582	592	583	578	617	585	595	582	595	606	644	749	958	1047	983	719	659
22 D	625	647	495	483	301	159	154	296	364	269	277	490	562	550	531	519	541	561	611	631	638	638	624	592	482
23	560	568	563	563	565	566	568	574	569	568	574	581	576	570	562	565	572	584	605	616	611	600	589	596	578
24 Q	591	592	589	594	584	584	586	587	586	584	579	576	578	571	566	565	571	579	596	609	619	621	616	610	589
25 Q	600	584	594	596	599	598	596	599	599	599	599	596	585	571	556	550	555	576	597	617	630	621	602	604	593
26	607	604	607	592	594	591	581	556	574	599	589	559	577	579	553	548	556	574	586	598	646	749	861	892	615
27 D	624	667	341	137	323	341	051	-015	051	188	163	374	369	429	441	454	528	599	784	741	697	754	734	718	437
28 D	733	507	508	414	337	426	510	507	556	551	546	552	548	553	558	561	566	579	614	635	657	673	709	815	567
29	761	699	544	621	583	365	388	426	556	546	581	571	570	564	552	552	554	560	571	584	582	588	594	599	563
30 D	588	584	590	530	551	535	510	579	585	604	590	595	589	582	546	564	566	558	561	577	591	587	597	602	573
31																									
Mean	614	602	582	571	566	557	550	556	568	570	570	581	579	569	559	557	567	580	601	614	629	638	639	632	585

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 14 Agincourt (D) West 7° + ... ' April 1956

Day \ Hour 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	Mean
1	23.0	18.3	16.5	18.4	12.4	09.7	14.3	14.2	16.0	13.8	14.3	11.0	08.7	06.8	09.7	14.6	19.8	23.4	24.8	23.5	22.0	20.7	19.3	18.8	16.4
2	21.5	18.4	18.9	18.4	17.0	16.5	15.9	15.2	13.6	11.5	08.0	06.3	04.2	08.1	11.9	13.5	20.8	27.1	24.5	25.3	24.5	22.5	23.8	23.5	17.1
3	23.8	17.2	14.3	15.2	14.3	10.7	12.8	05.8	09.7	10.7	14.3	13.8	08.1	09.7	13.8	19.3	22.0	25.7	25.8	25.2	23.8	21.5	19.9	19.8	16.5
4	18.9	18.8	21.4	14.5	13.0	12.8	10.9	09.9	09.1	15.3	14.3	08.6	08.9	10.9	13.7	18.8	21.2	24.5	25.7	24.7	22.0	20.1	18.9	18.1	16.5
5	17.4	17.0	12.5	15.5	17.2	14.6	16.1	17.4	12.4	11.9	10.9	08.8	07.4	08.3	13.4	19.7	21.1	23.0	23.5	23.9	21.6	20.1	18.0	17.0	16.2
6	16.0	15.9	16.5	16.5	16.0	13.8	14.3	15.1	14.2	13.8	12.5	12.3	11.5	12.9	12.4	18.3	21.1	24.4	25.4	23.9	21.7	19.8	17.1	15.6	16.7
7	07.8	03.0	15.5	18.3	15.4	14.7	13.7	12.3	17.5	13.2	11.5	13.1	15.5	15.0	18.8	22.5	24.4	23.5	23.8	22.0	19.2	17.4	16.0	15.6	16.2
8	15.6	15.6	15.2	14.6	15.1	16.5	15.5	14.3	22.4	15.3	13.5	09.7	07.8	09.7	12.8	16.4	21.1	24.5	23.0	22.2	19.0	17.0	15.5	16.1	16.2
9	17.0	16.5	15.5	13.8	16.0	15.2	16.4	11.6	12.4	12.6	11.9	09.9	07.3	06.3	08.7	13.4	20.1	24.4	24.8	24.8	21.4	17.0	15.0	16.1	15.3
10	17.4	17.0	16.6	16.0	16.5	15.7	11.9	12.8	09.7	10.5	17.8	12.4	06.8	06.0	08.7	21.2	23.4	23.8	23.7	22.1	20.1	18.3	16.9	15.5	15.9
11	17.0	17.1	16.5	15.5	12.8	15.6	14.7	13.6	13.7	13.7	11.9	08.6	07.3	06.0	08.6	15.6	18.9	19.3	22.6	28.0	23.9	20.5	18.0	17.4	15.7
12	14.6	11.9	14.2	16.0	16.1	15.3	15.6	17.4	16.0	14.3	12.4	09.9	11.0	13.2	13.8	16.7	22.1	23.5	23.5	22.4	22.0	20.5	18.4	17.7	16.6
13 Q	17.1	16.3	15.5	10.0	12.9	14.7	16.9	15.0	14.3	13.2	12.8	13.3	09.7	08.8	10.5	15.4	21.4	24.4	23.5	21.9	20.6	19.7	18.7	17.9	16.0
14 Q	17.4	16.6	16.6	16.5	15.5	12.0	11.5	14.6	14.7	14.1	13.3	11.9	10.5	09.2	09.7	14.3	18.8	22.4	24.2	25.2	26.0	23.8	21.1	18.4	16.6
15 Q	16.6	15.6	14.7	15.5	14.2	10.1	13.4	14.6	14.3	13.7	11.9	10.1	07.7	07.3	09.7	13.2	18.5	23.0	24.2	25.4	24.4	22.4	19.4	16.6	15.7
16	16.1	16.8	16.3	15.5	10.5	12.3	14.7	14.3	16.0	15.5	14.6	13.3	11.0	10.1	11.0	10.9	19.8	27.1	29.8	27.1	26.0	23.5	22.1	23.0	17.4
17	09.7	16.3	12.4	11.6	01.2	05.9	11.9	10.9	12.8	13.2	11.5	10.9	12.9	10,1	16.1	18.4	21.5	23.8	26.1	26.7	24.5	19.8	19.7	18.4	15.3
18	16.2	17.8	17.4	13.7	13.4	12.2	15.5	05.0	10.7	12.8	14.2	12.3	10.0	10.8	14.5	20.8	21.6	21.1	22.0	21.8	20.8	19.7	17.1	18.7	15.8
19	17.5	18.3	18.8	19.8	15.1	11.9	12.4	16.5	10.7	10.4	11.8	11.0	10.7	10.7	18.0	22.4	23.0	23.5	22.9	20.1	17.9	17.4	17.8	17.8	16.5
20	17.3	18.9	18.4	18.3	17.1	16.8	14.6	14.3	13.3	11.9	10.9	09.9	09.2	10.8	15.5	18.7	21.7	23.9	25.3	24.4	22.9	22.6	21.9	22.1	17.5
21 D	17.9	19.9	17.9	16.0	17.9	16.9	16.1	14.6	17.9	17.1	12.5	07.3	08.8	07.9	13.3	15.8	19.9	21.6	24.8	17.8	02.8	00.9	01.7	20.7	14.5
22 D	22.4	13.7	27.2	26.2	36.0	12.6	60.4	57.9	07.9	22.6	12.8	15.0	06.3	04.1	07.8	15.6	21.8	23.9	22.6	22.0	20.2	17.8	17.4	17.0	21.3
23	18.7	18.8	13.2	20.9	20.1	19.5	18.2	17.4	16.2	15.3	12.9	08.6	05.5	06.3	08.6	12.0	17.0	21.2	22.5	22.1	21.3	20.1	18.7	17.6	16.4
24 Q	18.4	18.6	18.2	15.5	18.9	16.2	16.5	16.1	15.4	14.3	12.1	10.2	10.6	12.0	15.6	21.1	23.5	25.7	26.7	26.4	24.6	22.1	20.0	15.5	18.1
25 Q	17.9	11.9	14.3	16.6	16.4	16.6	16.4	15.5	14.6	13.3	10.6	06.3	03.5	03.6	08.8	16.6	21.8	25.7	27.0	25.7	23.4	21.0	18.4	16.6	15.9
26	16.5	17.1	16.5	08.2	11.0	09.1	08.6	05.5	08.8	07.3	03.6	06.3	10.1	04.5	06.9	14.1	19.3	23.9	27.0	29.9	26.3	25.3	11.4	12.0	13.7
27 D	21.8	11.5	52.2	10.9	24.8	57.7	97.2	-03.8	05.5	-00.2	08.2	15.1	30.3	20.0	17.0	19.3	16.9	12.9	10.5	16.2	23.0	18.3	14.6	14.5	21.4
28 D	08.9	29.2	-08.7	01.4	31.0	18.8	11.3	09.6	11.5	10.3	09.4	09.2	09.0	09.4	11.9	17.0	22.4	24.3	26.6	28.4	29.1	28.2	30.0	23.1	16.7
29	15.6	13.9	20.2	02.8	10.1	18.8	15.4	29.0	16.3	13.3	08.7	10.7	06.3	05.6	09.2	13.8	19.2	20.2	21.1	22.0	22.9	21.8	20.2	17.9	15.6
30 D	15.5	13.4	10.1	14.3	08.1	04.1	-01.9	01.8	05.4	06.4	05.9	07.4	04.6	04.2	07.4	14.2	17.0	18.9	25.2	23.5	22.0	22.4	18.4	12.6	11.7
31																									
Mean	17.0	16.4	16.8	14.9	15.9	15.2	18.0	14.3	13.1	12.7	11.7	10.5	09.4	08.9	11.9	16.8	20.7	23.1	24.1	23.8	22.0	20.1	18.2	17.7	16.4

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 15 Agincourt (Z) 56,000 γ + April 1956

Day \ Hour 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	Mean
1	259	274	264	239	208	159	186	153	193	222	229	233	240	234	229	228	228	229	229	231	234	241	244	243	226
2	243	241	235	232	232	229	229	228	225	212	190	204	213	217	216	210	222	232	243	264	289	331	289	294	238
3	321	318	277	210	162	227	229	226	235	229	231	228	227	225	223	228	237	243	241	235	232	234	232	232	237
4	230	232	210	218	232	224	223	233	221	212	217	220	220	224	230	233	233	232	235	236	238	235	229	229	227
5	229	230	230	230	209	208	202	196	214	223	223	223	223	220	220	222	220	223	226	236	238	241	229	229	223
6	224	221	223	226	224	223	224	220	212	218	220	218	212	206	209	208	208	212	218	223	235	235	237	235	220
7	256	253	247	233	224	220	217	214	205	206	220	220	214	210	214	214	212	222	232	234	238	233	230	229	225
8	227	226	222	217	217	223	222	219	202	197	199	214	218	215	218	218	217	217	223	233	231	231	224	223	219
9	220	220	220	221	223	217	197	211	215	213	220	221	218	217	211	212	214	215	224	235	235	241	234	226	220
10	223	221	220	220	220	220	200	193	188	194	188	187	199	205	212	220	215	220	218	223	226	226	224	226	212
11	223	223	220	220	221	220	214	217	217	218	218	220	216	210	206	205	203	206	215	217	224	232	230	224	217
12	231	237	237	230	221	218	218	201	207	206	215	217	218	213	206	197	201	207	209	219	225	225	219	219	217
13 Q	220	221	224	220	219	219	218	211	213	215	216	218	218	216	213	206	206	208	213	216	219	219	221	219	216
14 Q	218	218	219	219	215	209	209	218	217	217	218	219	219	216	213	210	213	219	221	221	224	224	227	223	218
15 Q	221	219	220	218	213	203	210	218	218	218	218	218	217	215	210	201	201	206	213	221	224	223	227	228	216
16	225	219	218	219	221	222	210	213	219	219	218	218	219	219	210	205	210	219	227	243	268	285	293	320	231
17	330	257	261	236	208	203	176	216	210	180	195	215	221	218	223	222	219	221	233	243	246	276	255	245	230
18	242	237	232	230	198	198	179	156	216	225	213	206	224	228	226	232	234	236	234	240	242	239	251	255	224
19	261	255	249	253	249	236	232	219	188	219	219	207	211	214	216	216	220	235	243	241	240	232	233	237	230
20	237	234	224	234	231	229	230	229	226	223	224	228	229	230	225	222	222	226	232	246	264	267	271	276	236
21 D	262	243	243	237	238	237	237	231	199	217	208	180	201	211	222	226	231	241	270	412	490	420	303	400	265
22 D	355	321	132	159	136	104	-064	-004	111	051	040	174	241	255	250	237	247	260	277	298	303	306	309	291	200
23	267	259	270	258	250	243	240	243	240	243	244	249	243	244	238	234	235	237	241	244	237	237	237	238	245
24 Q	235	234	232	228	237	237	235	234	234	234	231	227	228	222	219	213	213	223	236	244	246	246	241	241	232
25 Q	237	237	226	230	229	231	231	231	231	231	231	229	222	219	219	215	215	225	235	242	244	244	241	237	230
26	234	232	229	219	195	199	187	162	190	232	223	208	195	210	213	214	211	220	229	238	268	360	442	438	239
27 D	258	262	312	147	412	336	328	207	067	029	053	199	226	298	297	305	334	375	433	316	316	363	379	408	278
28 D	377	147	161	146	103	151	172	187	235	247	245	241	241	239	230	222	217	214	223	240	253	268	301	463	230
29	437	391	184	315	286	215	095	104	160	172	232	244	229	226	218	223	239	242	245	250	244	247	245	250	237
30 D	257	257	229	124	055	113	056	109	202	238	232	235	224	217	205	203	212	223	241	263	262	256	263	256	206
31																									
Mean	259	245	229	220	216	213	198	197	204	205	208	217	221	223	221	220	223	230	239	247	255	261	259	268	228

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 16 Agincourt — April 1956

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		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	21	46	610	15	53	527	83	03	20	26.3	05	47	-1.9	28.2	02	32	276	05	03	120	156
2	21	09	662	15	53	527	135	17	39	29.6	12	48	1.7	27.9	21	17	366	10	40	187	179
3	03	23	623	04	31	540	83	03	50	32.6	03	34	0.5	32.1	01	01	351	03	48	99	252
4	23	54	619	14	55	553	66	02	52	28.1	03	50	4.5	23.6	03	43	242	02	50	163	79
5	21	08	647	14	37	548	99	18	04	25.8	12	56	6.8	19.0	21	06	248	06	53	191	57
6	23	59	632	14	24	565	67	17	54	26.2	14	18	6.9	19.3	23	59	244	14	12	200	44
7	00	03	637	00	52	543	94	16	08	25.7	01	06	-15.1	40.8	01	04	311	08	58	197	114
8	19	35	620	15	03	557	63	08	32	27.1	12	03	6.4	20.7	19	34	236	09	50	190	46
9	20	13	623	16	11	549	74	19	06	26.2	13	20	3.9	22.3	21	40	244	06	32	178	66
10	23	53	626	15	17	520	106	15	49	28.1	13	06	5.0	23.1	23	50	232	10	43	179	53
11	22	58	623	14	22	547	76	19	14	29.1	14	28	4.0	25.1	21	20	236	17	07	199	37
12	20	40	629	13	25	554	75	17	46	25.1	11	20	8.5	16.6	02	05	239	07	24	191	48
13 Q	22	20	628	15	13	559	69	19	35	27.1	12	59	8.2	18.9	03	01	224	16	16	203	21
14 Q	22	49	623	16	16	564	59	20	17	27.1	13	53	7.9	19.2	22	08	228	06	26	204	24
15 Q	20	13	635	15	04	568	67	17	17	24.8	13	11	5.9	18.9	23	24	230	16	32	198	32
16	22	38	644	16	09	539	105	08	10	30.7	15	35	7.9	22.8	23	58	350	15	30	200	150
17	21	27	649	03	57	510	139	19	28	27.1	00	38	-7.3	34.4	00	30	396	06	22	149	247
18	23	01	636	14	19	539	97	16	02	22.9	07	54	-1.5	24.4	23	55	261	07	12	112	149
19	03	55	608	13	53	550	58	03	23	26.8	13	22	7.7	19.1	00	07	261	08	08	174	87
20	02	36	632	14	29	568	64	18	30	25.6	12	48	8.7	16.9	23	59	282	01	50	211	71
21 D	21	41	1095	13	56	550	545	23	07	57.6	22	25	-17.6	75.2	19	56	533	11	50	165	368
22 D	01	53	694	05	08	-30	724	06	30	127.4	05	47	-36.9	164.3	00	31	387	06	20	-341	728
23	19	15	627	00	59	546	81	03	36	23.7	12	34	1.4	22.3	02	30	285	12	31	232	53
24 Q	21	09	625	14	27	563	62	18	00	27.3	11	41	10.0	17.3	20	00	247	16	10	211	36
25 Q	20	44	634	16	03	543	91	18	34	27.6	12	55	3.1	24.5	21	15	246	16	03	211	35
26	23	50	1062	11	52	531	531	19	43	30.4	23	59	-5.8	36.2	22	08	522	07	28	153	369
27 D	18	48	879	07	10	-248	1127	02	50	146.0	03	32	-37.1	183.1	02	47	615	03	39	-185	800
28 D	23	46	1056	04	45	143	913	01	21	83.6	02	48	-18.4	102.0	23	41	526	04	41	-175	701
29	01	57	881	07	02	154	727	07	09	62.0	02	09	-13.3	75.3	00	08	496	06	23	61	435
30 D	09	54	626	03	22	344	282	03	34	42.8	06	38	-26.9	69.7	19	47	271	04	52	-127	398
31																					
Mean			693			468	225			39.0			-2.4	41.4			319			125	194
No. days			30			30	30			30			30	30			30			30	30

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 17 Agincourt — 15,000 γ + — May 1956

Day \ Hour 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	Mean
1	606	604	617	610	620	602	594	586	589	569	564	547	569	579	574	556	561	560	592	604	605	607	608	608	589
2 Q	604	604	600	599	604	607	604	604	605	599	599	595	589	579	566	556	561	573	589	598	604	616	613	611	595
3	613	617	607	608	614	604	608	608	606	606	597	596	596	596	578	575	584	594	603	624	630	621	612	625	605
4	622	626	624	621	615	614	618	618	619	618	614	611	592	581	578	591	598	599	600	599	616	615	619	639	610
5	631	619	607	605	605	610	611	602	609	612	604	601	607	594	577	568	569	594	601	631	611	619	621	616	605
6	611	614	614	613	616	620	613	606	614	607	612	608	596	579	574	567	592	602	619	624	632	627	633	617	609
7	615	617	615	612	609	607	613	616	622	616	612	609	602	593	582	585	594	605	617	638	612	614	609	611	609
8 Q	608	611	613	611	611	608	612	613	613	613	616	613	606	587	576	569	578	589	600	606	613	612	613	607	604
9 Q	606	613	619	616	612	616	616	618	616	617	618	617	611	593	578	571	578	595	606	622	633	634	626	622	610
10 Q	620	624	622	623	619	618	621	619	619	621	625	623	611	594	593	591	593	610	618	630	636	638	632	627	618
11 Q	626	626	621	614	614	615	616	617	616	613	613	614	608	593	586	586	596	608	625	632	633	627	620	629	615
12	636	619	616	617	645	623	603	618	633	610	594	589	608	569	523	556	584	594	605	628	658	678	654	647	613
13	640	622	623	617	596	615	618	584	421	495	508	552	525	499	523	527	553	570	588	590	590	590	598	607	569
14	593	601	601	600	605	598	601	595	575	573	576	568	563	563	561	542	559	571	570	601	615	633	633	619	588
15 D	617	601	573	559	570	588	562	554	573	570	537	506	511	540	539	511	525	559	616	627	642	652	637	602	574
16 D	620	597	568	532	557	325	(-67)	130	299	383	480	450	279	439	339	423	488	560	648	775	807	834	885	763	505
17 D	635	574	533	362	465	340	474	486	394	461	519	486	494	486	513	548	553	563	576	583	592	595	611	608	519
18	598	603	598	585	580	590	576	588	583	593	597	598	595	577	562	551	560	576	596	611	608	608	609	607	590
19	602	605	603	603	598	603	603	609	598	590	582	593	588	580	562	566	578	593	610	628	642	613	601	604	598
20	606	610	618	604	593	597	609	606	613	597	583	443	489	567	578	570	566	560	590	601	653	679	669	647	594
21	620	595	576	557	580	580	564	561	580	593	590	586	587	585	584	581	580	591	615	625	618	616	614	613	591
22	621	625	622	605	611	615	590	604	601	605	586	579	569	581	570	560	555	573	600	622	637	623	642	611	600
23	611	613	616	612	610	613	617	619	614	607	610	604	602	589	573	573	597	608	613	642	682	685	741	745	625
24 D	726	664	533	557	533	465	404	311	507	557	481	476	466	465	458	526	571	589	634	706	789	878	912	801	584
25 D	690	634	478	435	348	292	184	211	399	307	468	481	485	490	526	555	560	569	581	597	610	619	618	644	491
26	642	619	595	589	595	587	585	587	592	593	592	584	574	562	556	559	582	602	625	639	644	649	624	623	600
27	605	603	593	593	594	594	595	597	595	594	600	595	587	580	568	573	587	609	628	646	654	637	640	637	604
28	615	620	618	626	615	615	616	612	605	600	601	597	592	589	582	572	577	588	606	620	623	617	620	617	606
29	617	620	615	615	614	616	567	564	560	559	560	559	552	531	519	578	594	607	653	624	626	680	648	647	597
30	608	600	608	615	606	595	608	602	624	623	602	610	603	594	582	602	607	610	629	627	622	637	627	618	611
31	622	616	608	600	608	612	617	614	615	618	615	608	596	592	598	606	606	619	631	632	628	633	640	636	615
Mean	622	613	599	588	589	574	557	560	571	575	579	571	563	563	554	561	574	588	609	627	638	645	646	636	592

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 18 Agincourt (D) West 7° + ... ′ May 1956

Day \ Hour 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	Mean
1	16.2	16.5	10.9	15.3	20.3	15.6	27.4	28.0	19.2	12.8	19.7	18.9	16.6	15.6	15.3	13.7	16.0	22.9	22.3	22.8	22.1	20.1	18.3	17.1	18.5
2 Q	17.4	17.2	17.1	15.5	15.3	14.5	16.2	15.9	16.0	14.7	12.8	10.8	10.2	09.1	10.9	15.8	19.8	23.5	24.4	24.8	23.5	21.5	18.5	17.2	16.8
3	13.3	13.7	15.0	14.6	13.7	12.9	14.3	13.6	13.4	12.3	12.1	11.4	09.6	08.6	10.9	13.5	18.0	21.8	22.8	22.6	22.0	20.4	20.1	19.2	15.4
4	18.2	16.9	16.0	15.4	13.6	13.5	14.0	14.3	14.1	13.5	13.4	10.1	08.7	10.7	12.8	18.6	21.1	20.9	21.1	21.4	19.7	18.9	17.3	16.9	15.9
5	17.2	18.3	16.5	15.5	14.7	14.8	08.3	11.0	12.0	11.9	14.3	16.7	10.5	08.6	10.9	14.5	19.7	20.2	23.8	22.9	20.1	17.5	17.0	17.0	15.6
6	17.2	17.1	17.0	16.6	15.2	16.0	13.4	14.2	16.0	20.1	12.6	09.8	07.3	09.6	14.3	21.2	22.9	22.5	21.4	19.8	18.0	17.4	15.2	13.3	16.2
7	13.3	15.3	12.1	12.5	12.0	13.6	15.2	15.3	17.0	15.3	10.9	09.0	10.9	10.9	15.0	22.0	24.4	25.8	25.3	22.6	19.8	18.4	16.9	15.6	16.2
8 Q	16.3	16.6	16.5	16.0	15.5	15.5	15.5	15.3	14.6	14.2	13.3	09.6	07.4	08.7	13.8	21.8	26.2	27.5	27.1	24.4	20.2	16.9	14.3	14.1	16.7
9 Q	15.1	16.0	15.6	15.2	13.7	14.3	15.4	15.4	14.3	12.9	10.1	07.4	05.0	06.0	09.1	16.1	21.1	24.7	25.4	23.9	21.6	17.8	15.5	15.2	15.3
10 Q	16.1	15.6	16.0	15.5	15.2	15.3	14.5	14.3	14.2	13.3	10.9	09.7	10.2	12.0	14.7	18.5	20.7	22.8	24.8	25.3	23.7	20.6	16.9	15.0	16.5
11 Q	14.8	13.0	13.7	15.5	16.5	16.8	16.4	16.0	15.6	14.3	11.4	08.3	07.2	07.9	12.3	17.2	19.7	20.1	21.6	20.9	18.9	16.0	13.8	12.9	15.0
12	10.8	12.8	12.6	13.9	14.7	13.0	12.5	14.6	19.2	12.4	07.3	08.2	04.6	02.7	18.8	27.6	27.4	27.7	25.7	26.3	23.9	19.8	18.9	16.8	16.3
13	18.9	18.4	17.4	12.6	13.3	16.5	16.0	16.0	10.9	10.9	38.0	14.7	13.0	14.2	11.0	14.8	19.8	21.0	23.0	23.5	21.1	18.3	15.5	12.7	17.1
14	15.6	16.6	16.5	17.0	17.0	17.1	18.3	17.0	15.2	20.7	22.5	17.1	17.0	16.0	17.8	15.4	18.7	19.7	21.1	20.9	19.2	15.0	12.4	13.2	17.4
15 D	11.1	10.1	05.9	05.5	10.0	08.6	11.0	28.2	16.6	14.8	28.0	29.0	18.3	20.0	22.4	17.8	20.5	15.6	14.4	12.6	12.5	10.5	10.1	12.8	15.3
16 D	12.2	18.1	00.5	07.8	17.8	42.4	56.8	10.8	30.7	27.0	06.9	14.2	37.9	28.1	28.1	42.8	23.9	18.9	15.5	00.4	-01.3	03.7	-00.3	08.5	18.8
17 D	12.1	05.5	05.8	36.9	15.0	35.9	08.7	08.3	10.8	25.1	21.6	27.0	28.4	29.8	28.7	23.5	22.1	22.5	23.0	22.2	20.6	19.2	15.9	14.8	20.1
18	15.2	14.8	15.5	12.9	12.9	12.5	14.7	18.9	18.9	13.5	08.6	07.3	08.7	11.0	14.2	19.1	23.7	24.8	24.2	22.7	20.6	17.8	14.6	14.6	15.9
19	16.1	15.5	16.8	16.1	16.6	17.5	17.8	15.5	16.6	19.8	11.4	06.3	06.3	09.9	13.8	22.5	26.5	26.6	25.9	23.9	21.5	20.1	17.3	18.4	17.4
20	18.9	17.8	15.6	15.3	14.0	16.1	17.3	14.0	12.8	10.6	18.8	41.1	09.7	06.8	07.1	05.2	19.1	23.0	25.6	26.7	24.4	15.4	16.2	12.1	16.8
21	13.3	15.5	19.3	17.6	13.5	12.4	15.5	17.4	16.0	10.9	07.4	05.5	05.5	07.9	10.6	14.4	18.9	21.2	22.4	22.9	22.5	20.7	18.8	18.2	15.4
22	17.0	17.0	16.6	11.5	15.5	17.5	26.7	20.9	14.3	15.5	08.9	10.0	13.5	18.8	15.5	19.9	22.5	22.7	21.7	22.0	16.9	16.4	14.3	16.1	17.2
23	17.8	17.8	17.5	17.4	17.0	16.2	15.4	15.2	15.2	16.5	11.3	10.6	11.5	12.0	14.4	22.9	26.2	26.1	27.9	24.1	21.2	17.5	16.6	08.6	17.4
24 D	05.8	14.4	-13.9	12.4	12.8	-08.2	26.1	35.0	05.6	06.1	16.1	15.3	02.7	04.2	02.2	14.7	15.1	21.6	22.5	20.6	11.3	02.9	-12.2	13.2	10.3
25 D	06.4	22.5	19.3	21.3	04.0	07.3	42.0	45.7	08.4	32.3	19.7	10.0	10.5	10.5	10.1	11.8	14.3	17.0	21.1	22.6	22.5	21.4	20.1	18.8	18.3
26	16.5	11.0	12.1	13.0	14.5	13.2	14.4	13.2	14.2	13.4	09.4	07.4	06.9	09.2	13.3	20.2	25.1	25.6	25.6	24.8	23.5	20.7	17.8	17.6	15.9
27	19.4	20.2	17.0	17.4	17.0	17.4	15.2	14.2	13.5	11.9	10.2	08.7	08.8	11.3	14.0	19.1	21.2	22.0	22.9	22.5	21.6	21.3	20.2	20.4	17.0
28	18.6	18.4	15.7	10.7	16.4	13.7	14.7	13.5	14.6	12.6	08.9	05.1	06.6	08.6	11.0	16.5	19.3	23.3	23.9	23.6	21.2	18.5	16.0	15.7	15.3
29	15.5	15.0	15.6	16.6	16.9	16.9	15.5	16.5	14.7	12.7	09.2	06.3	05.7	06.8	10,6	15.2	18.9	16.9	16.6	24.4	24.2	16.3	13.4	14.8	14.8
30	15.6	13.5	17.0	15.1	13.2	08.2	11.4	13.7	16.4	11.8	08.6	04.5	08.1	10.6	15.5	21.6	20.5	24.4	22.5	24.1	19.6	15.2	13.3	13.3	14.9
31	13.7	14.9	15.5	12.3	15.9	16.6	16.4	14.7	13.7	12.6	10.4	06.3	07.7	10.7	12.4	15.3	18.9	20.2	21.2	20.2	18.7	17.0	14.3	14.7	14.8
Mean	15.0	15.7	13.7	15.2	14.6	15.3	18.0	17.3	15.0	15.0	13.7	12.1	10.8	11.5	13.9	18.5	21.0	22.4	22.8	22.0	19.8	17.2	14.7	15.1	16.3

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 19 Agincourt (Z) 56,000 γ + May 1956

Day \ Hour 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	Mean
1	245	232	212	196	169	146	139	127	161	178	185	181	196	196	203	204	215	221	232	239	242	242	241	238	202
2 Q	233	235	235	233	235	229	227	229	227	229	230	230	229	227	226	217	216	222	227	228	227	229	227	227	228
3	228	223	229	227	208	215	222	221	222	221	221	217	209	203	199	194	197	200	205	214	221	228	230	229	216
4	223	223	222	223	227	228	223	221	220	220	219	216	215	215	212	211	218	219	220	224	232	227	230	230	222
5	233	233	230	228	227	224	202	197	218	221	221	209	202	209	210	210	213	218	228	242	246	248	242	230	222
6	228	224	222	224	222	207	209	219	218	203	207	213	212	218	219	222	228	227	231	236	240	236	236	231	222
7	233	228	221	206	203	210	221	219	212	206	212	221	220	219	213	206	210	218	227	237	243	237	227	221	220
8 Q	219	219	218	219	218	219	219	219	221	223	221	219	219	216	213	213	222	230	234	234	234	236	234	229	223
9 Q	225	224	221	218	216	215	218	219	219	221	224	224	222	222	220	217	221	222	224	228	229	230	228	223	222
10 Q	218	219	218	218	218	218	218	218	218	222	224	224	222	216	212	214	218	217	216	216	216	219	221	221	218
11 Q	220	218	214	215	216	216	216	216	216	218	221	218	216	210	207	206	206	203	206	215	221	224	225	226	215
12	228	222	221	215	179	197	203	212	192	186	195	185	182	180	182	183	191	203	216	227	243	260	269	257	210
13	249	245	237	248	234	246	198	100	039	029	049	125	166	165	181	209	237	246	246	247	243	241	243	253	195
14	241	235	232	228	228	223	219	201	171	159	163	193	197	195	204	210	228	232	241	263	268	264	259	244	221
15 D	243	235	212	199	180	171	162	108	147	154	141	114	160	187	209	237	255	292	345	337	331	343	339	285	224
16 D	273	232	165	115	073	-074	073	067	017	097	165	147	067	146	195	201	258	343	338	430	404	373	295	277	195
17 D	260	249	198	059	094	059	122	090	045	102	132	141	135	175	206	233	247	247	253	258	257	255	256	255	180
18	249	245	239	226	209	191	182	198	182	200	224	237	241	243	246	243	245	246	248	246	245	246	251	247	230
19	240	239	238	237	233	233	227	230	225	182	172	203	221	228	228	222	222	224	233	239	249	237	233	231	226
20	230	231	233	226	222	232	236	227	230	222	172	029	097	194	234	227	233	236	259	266	279	332	293	294	226
21	287	285	270	230	149	174	183	179	222	240	243	239	239	233	227	218	212	213	221	227	224	228	234	233	225
22	236	234	235	237	231	206	161	161	178	149	149	174	192	201	212	228	236	243	264	278	284	266	260	248	219
23	240	239	236	234	234	234	234	233	231	227	213	219	221	215	216	218	227	227	231	245	242	263	336	372	241
24 D	403	347	081	070	106	-020	046	-085	084	227	152	020	093	145	173	222	236	294	332	348	380	404	309	350	198
25 D	253	354	148	119	084	160	228	110	072	129	165	177	189	233	242	248	246	254	254	255	260	264	266	280	208
26	288	263	237	249	259	260	254	272	261	257	252	248	246	242	240	237	236	233	243	260	266	275	275	281	256
27	266	260	255	252	249	248	246	245	245	248	248	246	246	246	247	243	248	248	249	249	254	254	255	263	250
28	269	264	270	211	222	245	246	243	239	241	242	236	237	239	236	233	236	242	249	245	245	242	245	242	242
29	240	242	239	239	237	237	229	217	224	234	236	234	234	229	225	224	225	228	246	268	285	326	336	294	247
30	274	263	254	245	230	208	221	215	206	226	224	229	237	231	218	220	229	235	241	242	250	259	257	253	236
31	247	245	244	239	238	235	236	235	236	238	233	230	232	227	220	221	227	229	229	232	233	238	246	251	235
Mean	249	245	222	209	202	193	201	187	187	197	199	194	200	210	215	219	227	236	245	254	258	262	258	255	222

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 20 Agincourt — May 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	04	50	651	11	51	523	128	04	59	45.5	02	51	0.4	45.1	00	03	250	04	42	112	138
2 Q	21	36	621	15	47	554	67	19	38	25.1	13	35	8.4	16.7	03	55	236	16	20	214	22
3	20	51	645	14	28	568	77	18	18	24.3	13	51	7.9	16.4	22	50	232	16	00	193	39
4	23	53	655	14	15	565	90	19	02	22.3	12	00	7.1	15.2	23	51	235	15	06	205	30
5	20	51	651	16	12	551	100	18	53	27.2	06	36	5.1	22.1	19	51	252	06	56	186	66
6	22	44	651	15	11	559	92	16	34	25.5	12	11	6.4	19.1	20	15	244	15	11	186	58
7	19	18	650	14	09	574	76	17	40	26.6	11	15	7.8	18.8	20	14	246	04	00	197	49
8 Q	20	50	616	15	43	565	51	17	48	28.1	12	45	6.3	21.8	19	53	236	15	42	210	26
9 Q	20	55	641	15	42	567	74	17	50	25.8	12	38	4.0	21.8	21	44	231	04	58	212	19
10 Q	21	13	642	13	43	590	52	20	08	25.8	11	43	9.6	16.2	12	15	225	15	11	212	13
11 Q	23	58	667	15	20	579	88	18	17	22.7	12	33	6.9	15.8	23	57	239	17	48	200	39
12	21	08	707	14	33	471	236	16	54	34.5	13	18	-1.8	36.3	22	30	275	04	48	126	149
13	00	14	654	09	00	351	303	09	58	62.1	09	15	-9.2	71.3	05	54	259	09	52	-56	315
14	22	20	652	15	50	534	118	10	28	27.6	21	59	11.0	16.6	20	13	273	10	20	143	130
15 D	20	52	673	11	45	476	197	11	56	34.5	05	25	-1.9	36.4	18	55	360	07	30	91	269
16 D	21	28	1067	(06	30	-266)	(1333)	06	37	139.6	07	35	-44.4	184.0	20	24	517	06	08	-359	876
17 D	00	03	814	05	16	252	562	03	18	71.8	05	48	-14.8	86.6	00	05	357	03	08	-176	533
18	22	03	626	15	43	542	84	17	14	25.8	11	45	6.4	19.4	00	18	252	08	38	167	85
19	20	15	650	14	48	552	98	16	58	27.5	12	38	4.4	23.1	20	32	252	20	11	152	100
20	20	22	711	11	58	360	351	11	34	61.9	13	30	0.2	61.7	21	30	366	11	58	-46	412
21	00	01	654	03	27	529	125	03	37	30.8	04	04	-9.7	40.5	01	25	296	04	35	62	234
22	22	35	659	16	18	548	111	06	22	31.3	10	55	5.5	25.8	20	05	290	10	01	125	165
23	23	05	821	15	20	544	277	16	12	30.3	23	14	0.4	29.9	23	05	431	15	15	206	225
24 D	22	02	1204	06	30	115	1089	07	33	54.5	02	37	-37.1	91.6	22	06	565	05	57	-189	754
25 D	00	24	841	(06	15	-83)	(924)	02	52	73.9	02	37	-15.7	89.6	02	21	428	02	40	-170	598
26	21	41	658	14	36	551	107	16	37	27.3	01	29	3.1	24.2	01	21	320	01	57	227	93
27	20	25	667	14	40	566	101	19	36	23.5	12	02	8.0	15.5	00	01	273	15	12	242	31
28	03	18	656	15	38	566	90	03	54	25.8	03	16	2.0	23.8	02	47	276	03	48	173	103
29	21	22	719	15	17	514	205	20	12	29.0	13	15	4.5	24.5	22	30	347	07	23	216	131
30	22	10	660	14	14	572	88	17	39	27.9	12	01	3.2	24.7	00	01	277	08	32	187	90
31	21	13	661	03	10	586	75	04	20	21.6	11	48	5.0	16.6	23	06	253	14	50	214	39
Mean			705			467	238			37.4			-0.4	37.8			300			112	188
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 1956

Day \ Hour 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	Mean
1 D	636	620	605	615	611	585	564	582	592	597	597	592	588	589	572	546	576	601	607	632	633	631	621	632	601
2	619	618	620	626	631	620	610	621	625	626	624	617	616	605	607	631	631	628	632	649	655	651	643	632	627
3 Q	633	621	616	618	621	623	622	625	622	623	620	613	612	615	620	618	622	636	647	648	643	643	637	617	626
4	628	626	620	617	621	619	621	621	624	618	621	613	605	595	601	600	606	629	644	636	631	633	634	631	620
5	628	629	627	630	620	625	628	620	615	623	618	617	613	619	610	610	613	643	652	657	646	651	642	635	628
6	636	625	629	631	633	633	626	623	629	630	632	623	615	589	605	613	622	636	638	638	637	647	631	637	627
7 Q	631	627	630	630	623	623	628	621	628	625	622	622	617	610	604	605	612	622	632	652	657	634	629	628	625
8	628	622	615	620	625	630	621	620	613	606	607	610	603	593	586	585	618	632	650	660	651	681	668	622	624
9	628	619	624	628	625	622	591	576	616	627	627	629	616	594	577	574	576	586	601	633	630	629	633	631	612
10	634	627	627	629	627	627	622	618	622	616	609	613	608	596	593	594	595	581	615	627	631	664	652	650	620
11	627	626	610	601	606	616	591	587	583	606	611	601	573	580	584	597	597	615	634	638	651	638	625	631	610
12	635	629	610	603	611	602	584	596	606	602	607	604	594	586	579	580	583	591	608	615	632	640	652	646	608
13	640	617	613	610	611	609	614	612	614	614	606	594	604	599	578	580	612	650	671	659	679	662	670	621	622
14	621	607	604	603	610	614	624	616	602	594	606	614	587	578	592	610	623	635	652	662	665	673	643	630	619
15 D	630	637	632	613	599	597	601	593	603	597	592	581	592	594	590	586	591	613	642	642	656	646	665	652	614
16	624	622	613	618	614	610	601	604	603	601	604	599	584	598	596	586	589	606	624	629	635	629	624	630	610
17	617	616	617	622	617	607	611	613	611	613	614	617	612	599	592	599	599	635	648	657	679	645	642	630	621
18 Q	637	631	622	616	617	618	614	612	609	611	609	610	604	593	593	604	615	634	642	643	651	651	640	634	621
19 Q	625	627	627	624	624	625	622	616	609	617	619	614	607	609	599	582	591	599	607	632	647	645	655	622	619
20 Q	621	637	641	642	637	634	633	629	622	618	616	624	612	607	607	604	612	632	646	660	677	684	667	656	634
21	632	618	605	618	618	624	607	604	612	614	613	617	610	593	591	581	586	601	627	652	672	667	643	630	618
22	633	645	619	612	617	612	608	604	609	612	606	612	604	596	581	579	591	614	636	647	643	652	640	631	617
23	625	614	616	624	622	611	614	609	609	604	603	608	608	604	597	588	586	600	647	684	723	779	808	690	636
24 D	624	603	587	586	565	574	578	591	593	581	579	564	571	556	518	503	520	599	632	651	682	680	701	688	597
25 D	672	584	596	541	308	377	134	530	593	591	581	576	579	578	564	552	546	573	603	601	616	628	624	619	549
26	611	607	608	606	608	599	601	612	606	609	613	591	576	592	589	571	565	594	637	633	642	652	642	628	608
27	624	617	624	618	611	547	593	599	604	616	604	602	597	588	571	580	613	617	633	616	622	631	626	626	607
28	623	627	619	614	614	610	614	601	592	613	617	604	597	592	583	576	588	599	614	636	652	652	641	638	613
29	635	624	618	624	627	624	626	616	625	616	581	591	612	594	590	569	568	588	615	630	645	652	635	624	614
30 D	624	624	621	626	622	597	617	614	611	611	599	603	594	602	584	557	593	606	621	618	622	637	632	640	611
31																									
Mean	629	621	617	615	607	604	594	606	610	611	609	606	600	595	588	585	595	613	632	641	650	654	649	636	615

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 22 Agincourt (D) West 7° + ... ′ June 1956

Day \ Hour 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	Mean
1 D	16.1	12.5	13.6	13.5	08.9	13.4	09.4	13.8	20.2	13.8	04.6	05.4	06.9	09.6	13.8	16.5	22.1	22.5	25.9	21.2	18.8	17.0	16.6	15.2	14.6
2	16.2	16.4	17.4	16.5	18.3	18.3	17.0	16.1	13.3	12.3	09.5	09.0	10.6	11.5	15.9	18.4	18.9	21.2	23.7	20.8	17.9	16.6	16.1	16.0	16.2
3 Q	14.1	13.8	09.7	15.9	15.9	15.5	15.5	15.4	14.5	13.3	11.9	10.7	10.1	11.9	14.6	18.1	22.1	24.0	20.2	19.9	19.6	16.6	14.3	16.1	15.6
4	15.0	15.2	16.4	14.9	15.2	15.4	15.2	15.2	16.6	15.2	08.2	08.6	10.9	12.3	12.6	17.1	20.9	22.1	21.7	19.7	17.9	16.1	14.3	14.0	15.4
5	15.6	15.5	16.2	14.7	12.6	13.8	14.7	20.6	16.7	11.7	08.2	07.2	07.4	08.8	11.0	14.2	17.8	20.2	18.9	22.0	18.9	15.6	13.7	14.1	14.6
6	15.5	16.0	16.0	16.6	15.9	15.6	13.8	14.3	18.3	16.4	11.5	10.1	05.4	04.2	14.4	14.6	20.7	22.8	21.9	20.7	19.4	15.4	13.9	12.4	15.2
7 Q	12.5	14.3	15.1	15.6	16.0	16.0	16.4	16.5	16.0	12.6	10.0	08.4	09.8	11.0	13.4	16.6	20.8	22.1	23.5	22.1	16.5	16.0	15.5	13.8	15.4
8	12.9	09.2	10.5	14.7	14.5	15.1	15.5	16.4	18.8	14.5	12.0	05.6	06.2	08.8	11.6	16.0	20.8	23.4	21.9	18.4	17.6	13.4	10.9	11.4	14.2
9	11.0	15.4	13.8	13.7	15.2	15.2	11.0	16.1	12.8	10.8	08.0	02.4	01.6	05.1	10.0	15.9	16.1	23.5	23.0	20.6	20.0	18.1	14.4	12.6	13.6
10	12.0	14.3	14.7	13.3	13.3	15.1	14.6	16.1	17.3	14.8	10.7	06.2	05.1	04.3	06.3	10.5	15.2	22.5	24.3	22.8	21.8	19.8	17.5	15.5	14.5
11	12.4	08.8	10.8	09.4	08.2	08.7	05.0	23.5	25.7	16.5	08.1	07.3	07.7	13.2	12.3	11.7	15.1	18.8	21.1	21.5	19.7	17.8	17.8	16.6	14.1
12	11.4	12.6	12.0	13.3	11.9	05.6	08.4	10.0	14.4	13.7	11.5	08.3	07.5	08.8	10.0	12.4	15.5	17.4	19.2	21.2	21.2	21.8	19.1	17.2	13.5
13	13.8	16.6	14.8	15.5	19.1	13.8	15.6	18.9	17.4	14.7	11.4	12.4	09.6	09.3	14.3	16.9	20.7	21.9	18.4	18.8	17.5	15.6	13.2	15.7	15.7
14	16.9	17.7	14.7	13.3	15.7	14.3	14.7	16.4	12.9	15.9	14.5	06.9	05.0	09.1	11.5	16.7	20.0	22.1	22.4	21.2	17.8	17.2	17.8	15.6	15.4
15 D	13.9	13.4	13.1	12.0	19.5	11.9	14.7	19.3	15.3	12.4	10.5	13.3	10.0	08.0	09.4	13.1	19.5	20.2	17.0	20.2	17.9	16.9	15.6	12.1	14.6
16	14.2	17.5	17.8	16.6	09.9	11.5	13.0	14.3	19.7	18.5	14.4	11.4	13.3	10.5	09.7	15.0	17.8	19.6	17.8	21.1	20.6	22.7	20.7	15.5	16.0
17	17.8	17.5	16.9	14.4	13.4	12.7	14.4	15.5	14.4	13.5	11.7	09.7	09.6	10.2	12.6	15.8	18.4	20.1	19.7	18.4	14.5	14.7	13.6	16.6	14.8
18 Q	14.9	13.2	15.0	17.2	16.7	16.9	16.6	15.7	15.5	13.8	13.2	10.5	08.7	09.7	12.8	17.2	19.3	22.2	22.1	21.9	19.8	17.0	16.9	16.8	16.0
19 Q	16.5	17.4	17.5	16.6	16.1	16.1	15.8	16.4	18.6	13.7	10.4	08.6	06.5	05.1	05.8	10.2	14.2	21.3	26.6	26.5	23.6	19.1	16.0	15.5	15.6
20 Q	15.1	16.1	15.9	14.2	14.7	15.9	15.5	14.6	14.9	12.0	09.6	06.5	04.8	07.2	11.6	18.6	25.4	27.5	26.2	23.8	19.6	16.4	15.7	15.3	15.7
21	15.1	11.4	15.0	16.5	17.4	15.9	13.3	14.6	14.3	11.0	08.2	05.4	03.0	02.8	07.3	13.2	19.3	25.2	26.6	24.5	22.5	17.4	16.2	16.4	14.7
22	15.5	17.4	11.4	12.8	12.0	13.7	12.9	12.9	14.2	13.0	08.7	06.0	06.3	06.9	09.6	17.3	22.2	23.1	23.9	25.2	24.4	20.3	17.8	16.1	15.2
23	16.0	17.9	17.9	16.6	17.1	15.7	16.5	15.2	14.6	12.9	10.2	10.1	06.3	06.2	08.4	13.2	16.9	22.8	22.4	22.8	25.7	22.1	22.1	16.6	16.1
24 D	16.6	12.3	15.0	13.5	11.0	17.2	10.2	13.2	14.2	15.1	16.1	16.5	10.5	08.7	14.0	20.2	24.5	27.0	22.0	22.6	18.1	15.2	09.3	14.3	15.7
25 D	07.3	-04.2	04.7	04.1	12.8	48.5	50.1	14.8	15.5	13.5	11.8	11.9	10.3	10.5	12.5	14.7	22.9	25.1	21.6	24.4	22.6	18.9	15.6	14.6	14.1
26	15.6	16.9	16.5	14.0	13.3	12.6	14.9	23.4	22.4	15.0	11.4	16.1	19.2	13.5	10.9	17.5	22.6	22.1	21.0	20.1	20.6	16.8	16.1	14.5	17.0
27	15.2	17.2	16.6	-00.5	12.4	08.9	10.7	12.3	18.9	16.6	14.4	08.7	08.1	09.3	11.9	14.8	19.7	21.1	19.2	21.1	22.4	19.1	17.8	17.4	14.7
28	16.6	16.6	16.6	13.3	14.8	12.0	16.0	22.2	24.4	15.2	10.9	08.6	09.1	09.5	08.6	12.1	13.6	18.4	21.4	22.7	21.4	19.5	17.9	15.5	15.7
29	14.2	14.5	13.5	15.3	14.4	07.8	12.8	16.2	23.8	11.3	17.5	09.2	04.5	02.7	05.9	12.0	18.2	22.0	22.1	24.2	22.6	19.2	16.6	14.6	14.8
30 D	15.1	15.6	16.0	16.3	13.4	-04.0	12.5	19.5	22.1	23.1	17.6	13.8	18.6	10.6	16.3	19.5	23.3	23.0	21.3	20.0	17.8	15.1	13.2	12.0	16.3
31																									
Mean	14.5	14.3	14.5	13.8	14.3	12.2	14.8	16.3	17.3	14.2	11.2	09.2	08.4	08.6	11.3	15.3	19.5	22.2	21.9	21.7	20.0	17.6	15.9	15.0	15.2

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 23 Agincourt (Z) 56,000 γ + June 1956

Day \ Hour 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	Mean
1 D	257	280	269	208	200	160	152	167	170	154	199	224	221	227	226	228	240	250	241	242	246	250	247	251	221
2	250	245	238	238	192	191	188	214	233	235	238	239	235	230	229	233	232	229	232	232	238	241	238	238	230
3 Q	242	242	242	239	238	237	235	230	234	235	235	228	229	229	230	230	233	233	232	235	239	241	248	242	236
4	242	240	238	233	230	233	235	234	227	212	220	222	215	209	217	202	206	217	221	229	238	239	239	239	227
5	235	236	235	233	230	229	222	209	215	229	235	233	227	222	226	225	222	227	233	238	238	241	239	240	230
6	235	234	233	232	232	229	224	229	230	225	228	221	205	211	215	217	226	226	227	239	245	245	240	240	229
7 Q	235	233	233	229	229	229	229	223	221	227	229	227	223	220	219	217	221	221	229	233	240	239	238	237	228
8	234	232	229	228	227	213	220	219	194	196	172	201	204	198	195	200	206	208	211	226	231	249	261	262	217
9	250	234	228	220	226	198	150	113	177	202	222	232	232	222	215	216	216	222	234	246	252	252	256	256	220
10	256	246	238	233	228	222	224	223	213	210	214	219	216	217	214	212	208	215	221	230	240	252	260	268	228
11	261	246	241	209	189	180	162	181	149	196	222	224	220	219	225	231	229	238	241	247	250	252	244	246	221
12	241	230	228	234	229	212	193	207	207	223	223	226	222	226	231	228	221	217	219	217	226	234	246	254	225
13	252	239	238	231	207	218	218	217	222	223	223	212	205	208	210	213	216	216	223	230	241	250	271	264	227
14	256	250	238	237	237	220	186	197	206	189	186	206	208	222	234	236	231	225	223	234	246	252	249	254	226
15 D	253	220	201	206	151	195	174	144	177	196	216	213	218	210	211	223	235	232	236	235	238	239	255	266	214
16	251	239	231	225	213	200	210	218	215	207	210	215	215	220	218	221	229	230	242	251	249	243	239	239	226
17	229	225	227	221	210	212	217	224	227	229	229	224	218	218	217	207	212	221	227	227	237	245	251	240	225
18 Q	239	231	227	228	227	222	216	221	227	228	228	228	225	230	227	219	219	225	231	230	231	233	233	236	228
19 Q	234	230	225	225	225	224	221	218	222	230	231	231	225	221	212	204	206	210	215	222	228	231	242	246	224
20 Q	239	231	228	224	222	224	222	219	222	226	224	224	216	218	216	215	215	212	211	219	227	236	246	257	225
21	259	251	240	234	229	224	222	230	233	234	235	231	225	224	224	218	218	217	221	234	242	258	252	247	234
22	240	240	235	233	231	227	227	225	228	234	234	234	232	227	228	227	222	224	233	235	236	245	242	239	232
23	234	230	227	224	223	223	225	224	225	228	230	226	221	215	212	209	207	216	221	246	272	321	358	253	236
24 D	284	278	245	213	199	140	192	227	235	229	215	200	210	211	200	201	239	240	251	239	251	279	354	330	236
25 D	367	231	178	155	-083	-113	000	045	204	240	242	234	234	233	233	233	238	243	257	258	254	254	258	257	194
26	244	239	236	233	227	210	187	144	176	190	205	189	169	184	198	202	217	226	230	236	245	252	259	264	215
27	250	238	232	192	140	137	173	185	182	169	169	197	217	232	219	213	227	220	224	232	239	238	236	236	208
28	232	232	232	229	220	208	209	190	149	205	227	225	218	215	220	221	221	226	230	235	235	234	233	235	220
29	233	232	232	230	226	211	205	194	143	177	179	147	187	203	211	212	218	229	235	250	251	257	252	246	215
30 D	239	232	229	226	217	184	200	221	217	206	197	203	176	202	217	224	232	239	239	244	251	254	259	250	223
31																									
Mean	249	239	232	223	206	197	198	200	206	213	217	218	216	217	218	218	222	225	230	236	242	249	255	251	224

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 24 Agincourt — June 1956

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +			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 D	20	50	660	15	24	546	114	18	13	28.4	11	06	1.2	27.2	01	49	289	08	55	129	160
2	20	25	659	14	15	588	71	18	14	25.2	10	55	5.5	19.7	00	22	251	05	40	173	78
3 Q	19	05	653	13	18	604	49	17	16	25.1	02	32	7.3	17.8	22	30	251	15	28	224	27
4	18	26	650	14	04	587	63	17	50	24.6	09	40	6.8	17.8	00	55	245	16	30	197	48
5	19	20	671	16	08	594	77	17	49	23.5	12	38	5.4	18.1	23	30	243	07	45	202	41
6	21	40	658	13	32	573	85	17	21	24.2	13	20	-0.3	24.5	21	36	251	12	07	202	49
7 Q	20	44	671	15	14	592	79	19	07	24.6	11	06	8.0	16.6	20	43	243	15	16	212	31
8	22	05	690	14	49	571	119	17	48	26.6	12	10	5.0	21.6	23	40	262	10	20	157	105
9	19	38	652	07	18	547	105	17	35	24.7	12	16	0.5	24.2	22	50	258	07	42	89	169
10	21	27	690	17	53	562	128	17	51	27.1	13	55	1.4	25.7	23	27	275	16	46	206	69
11	21	03	663	07	08	552	111	07	53	28.0	06	48	2.6	25.4	00	01	268	08	36	130	138
12	22	48	659	06	27	571	88	21	39	22.6	05	46	4.5	18.1	23	59	258	06	14	184	74
13	20	26	681	14	27	572	109	04	40	24.4	00	47	5.4	19.0	23	08	274	04	35	192	82
14	21	16	694	13	03	572	122	18	10	23.9	12	40	3.9	20.0	00	01	261	06	46	166	95
15 D	23	27	683	06	56	566	117	04	41	44.1	04	06	-1.9	46.0	23	23	276	06	58	84	192
16	20	15	661	15	56	572	89	20	50	23.9	04	45	6.1	17.8	00	02	260	05	10	194	66
17	20	30	688	14	01	586	102	17	50	21.3	11	46	9.0	12.3	22	00	257	16	02	204	53
18 Q	21	47	658	13	32	589	69	17	17	23.3	01	03	6.8	16.5	00	38	243	06	12	210	33
19 Q	22	48	666	15	40	581	85	19	00	27.9	13	18	4.1	23.8	23	40	249	15	40	204	45
20 Q	21	48	695	13	03	594	101	17	50	28.4	12	31	3.7	24.7	23	47	261	18	32	209	52
21	21	10	683	16	03	576	107	18	05	27.1	13	10	1.6	25.5	01	05	263	17	42	213	50
22	21	39	658	15	01	565	93	19	57	25.8	11	55	5.2	20.6	21	35	247	07	18	217	30
23	22	53	845	16	23	581	264	19	50	28.4	23	14	-8.7	37.1	22	55	422	23	18	168	254
24 D	22	13	767	15	03	484	283	17	12	29.6	01	12	-0.7	30.3	22	28	385	05	16	99	286
25 D	00	01	722	06	30	-7	729	06	34	66.9	05	27	-44.4	111.3	00	20	395	04	21	-293	688
26	21	32	681	16	10	551	130	07	54	28.6	14	32	9.7	18.9	23	40	269	07	17	125	144
27	18	15	648	05	23	533	115	20	29	23.4	03	51	-12.2	35.6	00	01	256	04	55	110	146
28	20	27	666	15	15	562	104	07	55	35.6	05	07	4.1	31.5	20	25	241	08	24	134	107
29	19	17	672	11	06	546	126	10	54	33.8	13	25	1.6	32.2	19	19	262	11	05	112	150
30 D	23	07	653	15	20	542	111	16	14	27.7	05	40	-12.0	39.7	23	05	268	12	15	157	111
31																					
Mean			680			548	132			28.3			1.0	27.3			273			154	119
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 1956

Day \ Hour 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	Mean
1	630	624	619	621	619	624	630	621	622	616	619	614	602	591	568	565	605	608	618	619	619	633	641	641	615
2	627	627	630	628	632	627	632	620	624	602	616	618	611	592	584	586	604	616	619	636	641	647	628	637	620
3	631	622	622	611	621	622	621	596	612	604	596	599	596	607	594	585	603	617	628	635	639	634	629	629	615
4	623	623	623	623	620	619	607	616	607	616	616	611	607	593	590	592	600	619	635	643	646	650	642	640	619
5	640	633	633	628	629	626	630	626	620	616	614	614	606	615	606	601	598	625	642	650	651	655	623	624	620
6	625	622	629	629	624	628	627	628	630	628	627	625	620	612	602	597	601	612	626	632	639	644	642	634	624
7 Q	627	629	630	630	627	627	623	623	625	627	629	624	619	613	600	591	610	627	644	654	656	657	650	639	628
8	634	655	633	637	629	637	629	629	634	637	637	629	621	612	599	600	608	621	639	652	659	655	639	664	633
9	643	621	617	623	619	604	607	603	586	608	607	597	588	586	568	559	566	590	619	643	650	642	632	628	609
10	619	628	630	624	629	623	627	621	622	622	622	622	622	618	611	600	599	611	664	657	690	701	671	666	633
11	638	630	632	616	610	604	609	609	615	614	614	613	602	593	584	563	565	588	613	630	620	646	630	634	611
12	640	630	628	633	627	614	608	616	624	624	619	619	604	596	594	598	600	607	619	634	638	629	634	652	620
13 D	643	617	606	611	622	625	614	608	609	609	612	612	604	591	581	555	557	599	653	697	720	734	695	661	627
14	648	606	605	597	611	613	606	602	599	603	603	606	591	578	555	543	555	574	593	620	634	652	650	633	603
15	625	619	616	618	619	619	616	614	611	607	615	626	618	607	589	591	588	599	623	624	624	643	642	633	616
16	625	618	635	627	620	621	621	619	611	613	607	611	599	592	574	567	578	601	616	633	642	646	629	624	614
17 Q	623	624	626	625	624	634	616	617	618	620	620	618	604	593	588	584	589	604	624	644	654	650	629	634	619
18 Q	632	632	627	630	624	620	622	620	619	618	618	616	601	580	571	575	591	611	628	648	667	659	650	630	620
19	628	634	633	622	634	634	629	616	612	620	617	617	609	584	571	585	594	614	631	665	652	661	676	664	625
20	619	620	630	630	624	620	630	629	619	614	609	600	587	575	558	567	587	603	621	644	655	642	651	635	615
21 Q	620	619	624	619	621	619	617	617	618	617	617	614	605	589	580	583	593	613	630	650	650	640	642	630	618
22 Q	633	645	639	626	628	625	629	632	632	628	621	613	609	604	596	587	588	597	609	623	635	642	645	647	622
23	653	657	653	643	641	639	637	641	633	632	630	631	627	613	599	594	619	653	659	699	723	712	742	720	652
24 D	591	602	611	617	621	630	601	586	536	504	593	613	611	601	599	590	599	607	619	630	643	645	641	640	605
25 D	625	625	618	629	625	605	591	611	596	573	516	561	591	586	604	604	603	616	619	632	635	654	662	673	611
26 D	609	603	618	597	605	601	604	610	493	560	598	596	593	597	580	564	555	576	578	614	637	656	654	647	598
27	632	603	616	618	616	594	579	592	606	616	613	609	606	597	596	591	613	630	637	653	642	643	664	641	617
28 D	621	626	619	635	623	623	629	630	637	619	599	619	614	599	603	614	618	617	623	647	633	661	640	622	624
29	616	617	616	619	620	621	627	609	599	619	618	613	601	583	579	572	579	619	634	637	630	631	629	634	613
30	631	633	646	630	625	630	632	631	627	602	618	619	621	608	593	598	601	612	631	648	656	653	641	630	626
31	629	630	630	627	630	632	639	632	627	622	628	617	603	622	591	580	609	627	631	644	650	642	644	630	625
Mean	628	625	626	623	623	621	619	617	610	610	612	613	606	598	587	583	593	610	627	643	649	654	648	642	619

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 26 Agincourt (D) West 7° + ... ′ July 1956

Day \ Hour 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	Mean
1	14.3	15.0	15.3	13.2	15.0	16.3	16.8	19.8	19.9	15.3	10.6	09.4	07.9	10.0	12.4	17.2	20.6	20.3	21.2	22.1	23.5	18.9	15.7	14.9	16.1
2	13.8	14.9	16.7	16.9	16.0	15.8	23.0	26.7	17.8	14.1	11.9	08.4	07.3	08.3	11.4	15.7	17.8	19.0	20.7	23.0	20.6	20.3	19.7	15.7	16.5
3	14.2	12.6	13.2	10.1	12.2	13.8	17.1	18.8	13.0	13.7	11.1	13.1	17.9	13.3	14.2	15.1	18.4	18.7	20.2	19.3	17.5	16.8	16.5	16.0	15.3
4	16.7	17.2	16.4	14.4	10.1	12.9	17.5	19.7	18.8	13.7	10.8	08.9	09.0	11.0	13.2	17.8	21.3	23.2	23.2	21.3	20.5	18.6	15.8	15.5	16.1
5	15.9	16.4	17.2	16.8	16.6	16.4	16.5	17.0	17.6	15.6	09.8	09.7	10.3	08.5	10.4	15.5	19.9	22.2	22.5	18.9	17.6	14.5	14.9	14.7	15.7
6	14.7	14.6	16.0	16.3	15.2	11.6	15.2	18.0	17.8	14.6	10.9	09.2	08.9	08.4	11.0	14.9	19.3	22.4	23.4	23.7	21.5	19.0	15.5	14.4	15.7
7 Q	14.6	15.6	16.1	16.4	15.5	15.9	15.8	15.1	14.7	13.8	11.5	08.6	07.3	06.8	08.7	15.6	21.6	24.1	23.9	21.9	20.4	17.8	15.1	14.5	15.5
8	15.6	13.2	13.5	13.6	10.7	03.7	12.8	14.3	14.4	15.1	10.0	06.9	04.8	08.2	12.0	15.0	18.7	22.6	24.0	22.5	20.7	19.7	18.4	15.6	14.4
9	16.5	16.6	15.6	17.5	14.9	11.4	09.1	08.0	10.8	16.4	08.0	04.1	06.0	05.8	07.8	13.5	19.5	24.3	24.3	23.5	21.6	19.9	16.6	15.0	14.4
10	15.6	15.9	16.1	17.0	16.9	16.6	16.6	16.9	16.9	14.9	12.9	10.2	07.9	07.3	08.4	12.2	15.4	21.4	20.6	25.5	23.3	23.9	21.7	20.4	16.4
11	16.1	17.1	18.1	13.3	10.7	12.9	15.6	20.6	16.9	13.3	11.2	09.6	07.9	07.3	07.9	12.0	17.4	22.1	23.4	24.2	25.6	23.5	22.3	19.9	16.2
12	16.5	15.6	15.1	14.6	09.1	06.8	10.1	16.7	17.4	15.3	12.3	09.1	07.3	09.1	08.8	11.2	13.9	16.2	18.6	20.7	19.9	21.2	20.3	17.1	14.3
13 D	14.1	13.4	14.4	16.6	16.7	14.1	11.7	11.3	10.1	12.4	12.0	08.9	06.3	07.8	10.9	13.9	19.8	26.1	26.7	20.6	18.4	17.7	16.7	15.6	14.8
14	16.7	14.8	18.9	18.4	17.5	15.6	16.6	17.0	16.9	14.3	10.9	09.9	07.4	07.6	10.8	15.8	19.3	23.4	24.1	24.8	24.8	20.2	18.9	19.4	16.8
15	18.7	17.2	15.9	17.8	16.7	19.3	15.0	15.1	15.0	14.7	11.3	08.2	08.3	08.2	10.6	14.7	18.1	21.6	21.3	23.0	24.2	20.2	16.8	15.1	16.1
16	15.6	16.7	15.6	16.0	15.0	15.6	20.2	16.0	15.6	13.9	10.7	07.9	07.0	08.2	10.6	16.7	22.3	23.5	24.3	23.9	21.5	19.1	17.9	17.5	16.3
17 Q	17.5	17.9	17.8	16.6	15.6	16.6	15.2	16.8	15.6	14.6	14.5	11.0	09.5	10.1	13.9	20.5	25.5	27.0	26.0	24.2	21.6	18.5	17.2	16.6	17.5
18 Q	16.9	17.8	18.5	17.0	18.4	17.0	16.5	15.8	15.1	13.8	12.0	09.5	08.3	09.6	13.8	20.1	25.8	28.1	27.6	26.4	21.4	18.0	15.8	16.0	17.5
19	18.4	18.9	17.8	17.1	17.4	16.7	14.8	15.6	13.4	12.2	09.1	07.0	06.2	05.9	12.8	20.0	22.6	28.2	30.3	26.7	22.1	17.8	15.5	17.4	16.8
20	14.1	16.5	15.6	15.1	14.2	15.0	13.9	12.6	13.2	12.1	09.3	07.4	07.4	09.5	12.9	20.6	23.1	24.2	25.6	25.6	21.5	17.7	16.0	15.2	15.8
21 Q	17.1	16.9	16.6	15.7	16.6	16.9	16.6	15.7	14.9	13.4	11.0	09.2	07.8	08.6	12.0	18.7	23.0	26.0	25.6	24.6	24.0	21.4	18.6	17.8	17.0
22 Q	17.8	16.5	14.6	15.8	15.5	16.0	15.0	15.1	14.2	13.0	10.9	07.9	07.4	06.4	07.5	11.9	16.6	24.1	26.8	26.0	24.3	21.7	18.5	17.1	15.9
23	17.1	16.6	16.0	17.1	15.9	15.0	14.1	13.2	12.8	11.4	09.2	06.6	02.7	01.8	05.2	13.2	18.0	20.9	26.7	25.5	23.4	22.1	20.2	17.8	15.1
24 D	19.8	21.8	20.2	18.4	16.7	15.4	24.2	21.5	06.6	09.2	10.9	07.4	05.8	07.3	12.0	15.1	17.8	20.5	22.5	22.4	22.4	21.6	18.7	16.7	16.4
25 D	17.5	16.7	10.2	07.2	13.2	12.8	31.6	10.9	11.8	17.1	29.6	13.2	04.3	07.7	12.1	16.6	21.2	23.3	24.8	22.3	21.2	15.7	13.6	13.3	16.2
26 D	06.3	13.4	16.6	07.4	03.6	17.5	14.2	19.9	43.3	26.4	13.9	12.3	08.2	09.3	12.8	15.0	19.6	17.9	22.3	23.3	21.2	17.9	13.2	09.7	16.0
27	09.6	09.7	10.5	15.5	08.5	14.7	21.3	22.0	18.6	15.6	08.5	07.7	06.9	09.9	12.2	14.2	17.9	21.4	22.9	22.1	20.2	21.5	16.9	15.7	15.2
28 D	13.5	16.4	12.5	19.0	15.6	15.9	15.0	14.3	13.3	12.6	19.8	11.8	08.9	11.3	18.0	20.6	21.9	21.4	21.5	18.3	18.4	15.6	14.2	13.0	16.0
29	16.9	17.2	16.7	17.6	16.8	16.6	22.4	23.0	15.8	14.2	10.7	07.5	08.3	11.4	15.6	19.6	22.1	22.9	23.0	19.3	18.4	18.7	18.6	17.0	17.1
30	16.9	14.8	13.8	16.5	15.7	16.3	15.8	16.6	15.7	14.2	12.8	08.6	08.1	09.2	12.8	16.8	22.0	25.7	25.8	24.6	19.8	16.7	15.2	15.6	16.2
31	17.0	17.5	16.4	15.8	15.5	14.4	14.8	17.4	13.1	12.0	10.6	13.2	21.6	22.1	16.6	24.3	26.4	23.6	23.9	22.4	19.4	17.1	14.8	15.1	17.7
Mean	15.7	16.0	15.8	15.5	14.5	14.7	16.6	16.8	15.8	14.3	11.9	09.1	08.2	08.9	11.6	16.3	20.2	22.8	23.8	23.0	21.3	19.2	17.1	16.0	16.0

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

Table 27 Agincourt (Z) 56,000 γ + July 1956

Day \ Hour 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	Mean
1	238	236	232	224	220	212	215	195	193	202	220	226	225	223	222	225	225	218	219	224	226	229	241	242	222
2	242	233	226	223	221	219	187	129	160	181	205	214	211	205	209	214	217	217	223	233	238	241	235	238	213
3	237	238	235	228	225	220	193	154	176	184	186	204	193	202	203	208	217	223	228	229	233	234	238	238	214
4	234	229	228	226	211	186	181	181	187	210	222	223	219	218	221	219	222	229	229	234	241	237	231	229	219
5	229	225	226	227	227	225	233	219	216	217	221	220	215	208	208	208	220	232	231	234	240	246	237	238	225
6	234	232	229	226	225	216	216	216	219	226	229	227	225	222	226	226	225	234	236	232	232	234	235	232	227
7 Q	228	226	225	224	225	225	225	226	228	231	231	229	226	223	225	228	226	232	234	234	237	238	238	234	229
8	228	231	229	226	219	195	211	222	226	226	224	223	216	210	214	213	216	214	217	228	236	240	241	253	223
9	252	249	241	234	234	220	208	198	202	204	215	213	208	208	218	223	220	225	227	233	235	234	234	231	224
10	225	225	224	222	224	222	222	222	222	227	229	227	225	222	226	227	216	214	220	221	241	251	253	253	228
11	247	241	238	211	222	235	225	204	210	222	228	227	224	226	232	225	217	208	213	225	232	243	241	241	227
12	237	231	226	225	214	190	204	217	220	225	228	228	225	222	221	219	223	222	225	229	234	229	225	232	223
13 D	240	239	231	219	204	197	195	192	195	203	206	209	207	208	207	204	209	227	253	311	316	318	317	294	233
14	264	248	248	237	210	203	192	209	224	230	228	227	217	216	222	221	227	231	231	236	237	249	249	242	229
15	235	228	222	222	218	199	209	216	222	219	217	216	211	211	213	206	201	213	221	233	239	240	238	233	220
16	230	225	204	202	212	206	197	209	216	220	219	221	215	212	209	214	215	215	215	218	225	230	231	228	216
17 Q	222	220	220	216	207	203	210	218	221	221	216	214	218	222	218	222	215	207	210	215	222	231	227	224	217
18 Q	221	221	217	216	216	218	218	218	219	222	221	219	215	215	214	208	218	219	224	233	243	242	242	235	222
19	231	230	234	236	227	222	219	216	221	221	221	224	219	215	221	220	216	218	218	225	225	230	234	244	225
20	257	240	232	216	213	212	202	208	218	222	222	213	206	203	203	209	206	209	220	233	248	249	248	246	222
21 Q	234	224	215	213	216	216	216	218	218	220	221	222	217	215	217	215	212	216	222	228	230	231	228	223	220
22 Q	217	220	209	215	215	212	214	214	215	216	219	216	213	211	214	211	210	217	224	224	220	222	216	216	216
23	211	210	211	212	212	211	211	211	209	209	212	211	208	208	206	202	200	194	202	229	253	280	317	359	225
24 D	259	228	226	222	217	209	113	065	021	057	181	229	224	217	221	217	214	214	216	215	221	221	217	218	194
25 D	215	217	223	181	181	185	111	181	176	155	051	094	118	132	155	171	185	196	203	215	225	236	244	268	180
26 D	301	250	229	221	185	164	173	200	055	083	140	140	177	206	212	214	223	230	239	244	242	245	271	274	205
27	259	253	221	187	159	136	121	140	161	177	181	196	211	206	200	206	217	221	229	230	229	224	245	251	202
28 D	245	224	216	184	205	215	215	209	196	187	172	189	202	202	202	208	208	213	220	227	241	256	259	257	215
29	241	228	223	220	217	215	164	140	166	202	216	220	218	215	215	213	222	232	220	227	232	228	227	226	214
30	223	223	197	203	215	217	215	193	169	182	209	205	211	208	207	208	212	217	224	224	227	232	229	221	211
31	216	215	215	215	215	211	196	188	194	212	216	209	189	176	183	197	208	215	214	209	215	218	223	224	207
Mean	237	230	224	217	213	207	197	194	193	200	207	211	210	209	212	213	215	218	223	230	236	240	242	243	218

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 28 Agincourt — July 1956

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		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	18	669	15	03	541	128	20	07	24.7	12	22	6.6	18.1	23	55	249	07	44	184	65
2	21	32	665	14	04	573	92	07	35	32.5	13	10	6.8	25.7	21	33	247	07	40	112	135
3	20	37	645	15	42	578	67	07	27	23.8	04	08	7.9	15.9	01	28	241	07	27	145	96
4	21	25	661	13	37	586	75	17	28	24.2	04	25	5.5	18.7	20	31	242	06	08	174	68
5	21	22	680	16	17	593	87	17	46	23.9	10	50	7.5	16.4	21	22	251	14	25	206	45
6	21	52	649	16	02	594	55	19	15	29.2	13	20	6.9	22.3	00	01	238	05	40	209	29
7 Q	21	17	669	15	11	587	82	08	05	25.2	13	35	6.3	18.9	21	17	243	13	28	220	23
8	23	28	694	15	03	596	98	18	10	24.8	05	14	-6.9	31.7	23	26	258	05	31	182	76
9	00	42	668	15	57	556	112	17	30	25.2	11	40	1.8	23.4	00	34	256	08	17	187	69
10	21	19	719	16	08	594	125	19	27	27.0	13	38	6.3	20.7	23	43	258	19	06	204	54
11	21	40	671	15	22	554	117	20	15	26.1	13	10	5.9	20.2	03	02	252	03	24	186	66
12	20	28	663	14	23	588	75	21	35	22.1	05	01	1.2	20.9	20	29	244	05	27	179	65
13 D	21	21	760	16	21	539	221	17	02	30.3	12	32	4.6	25.7	23	08	327	06	25	186	141
14	21	43	665	15	44	536	129	19	14	25.8	12	38	5.9	19.9	00	10	345	06	30	182	163
15	21	35	656	16	19	581	75	20	09	25.3	13	36	7.4	17.9	21	32	242	05	27	188	54
16	20	58	652	15	12	555	97	18	53	25.8	12	17	5.9	19.9	22	00	233	02	53	189	44
17 Q	21	02	669	15	45	583	86	17	32	27.6	12	08	9.1	18.5	21	02	232	05	19	200	32
18 Q	20	49	669	14	35	571	98	17	10	28.8	13	05	7.4	21.4	20	50	245	15	09	207	38
19	21	54	701	14	19	561	140	18	14	31.6	12	34	3.7	27.9	23	48	249	06	42	212	37
20	21	59	663	14	30	551	112	19	11	26.9	12	07	6.0	20.9	00	31	266	06	51	195	71
21 Q	19	52	668	13	57	576	92	17	30	26.6	12	40	7.7	18.9	00	01	240	16	20	210	30
22 Q	23	55	660	16	41	585	75	18	58	27.1	14	02	5.9	21.2	18	28	225	02	50	199	26
23	23	00	783	15	22	583	200	23	13	30.1	13	02	-0.6	30.7	23	28	387	17	48	191	196
24 D	21	43	651	09	35	442	209	06	36	28.2	08	45	-0.2	28.4	00	01	310	09	25	-31	341
25 D	23	44	681	10	44	482	199	06	27	39.6	03	16	-0.7	40.3	23	59	283	10	42	-10	293
26 D	22	05	706	08	34	440	266	08	32	52.7	04	12	-7.2	59.9	00	41	316	08	37	-5	321
27	19	57	681	06	28	549	132	06	38	27.0	02	40	-2.9	29.9	00	01	271	06	21	92	179
28 D	22	14	669	10	40	576	93	09	47	28.0	12	25	7.4	20.6	22	14	263	10	38	159	104
29	18	05	651	14	23	564	87	07	09	30.5	11	30	6.0	24.5	00	01	250	06	45	86	164
30	20	45	663	14	38	582	81	18	01	26.6	11	53	6.8	19.8	22	02	233	08	09	164	69
31	20	35	656	15	33	574	82	16	17	29.6	10	14	9.7	19.9	23	34	229	13	43	176	53
Mean			676			560	116			28.3			4.5	23.8			262			160	102
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 1956

Day \ Hour 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	Mean
1	622	630	618	619	624	627	627	622	619	623	619	612	606	591	599	603	608	612	632	637	648	646	630	623	621
2	615	623	627	630	630	624	624	626	623	613	614	615	608	607	608	608	623	641	665	671	662	653	646	641	629
3	629	632	632	632	632	631	637	632	618	618	613	608	600	586	574	604	611	618	630	637	638	632	643	634	621
4 Q	628	633	629	630	632	632	632	633	631	628	628	623	613	602	596	595	608	624	637	643	643	649	637	644	627
5 Q	640	628	625	630	621	628	628	625	630	628	630	628	614	595	582	578	592	613	635	651	654	649	640	630	624
6	630	632	636	634	635	634	634	633	632	634	633	628	615	595	577	590	610	628	644	668	658	651	645	636	630
7 Q	632	634	633	628	619	622	623	626	627	626	625	618	603	578	562	557	572	598	625	661	666	651	644	641	620
8	648	647	646	641	637	641	640	637	623	614	627	625	613	588	557	550	561	599	623	629	636	644	632	621	620
9	624	618	618	617	618	618	622	623	623	622	623	625	620	610	582	585	562	580	633	647	699	683	652	615	622
10	602	600	622	621	610	620	628	636	631	631	629	620	604	579	574	579	583	591	604	621	633	648	668	658	616
11 D	666	675	677	685	673	653	643	664	652	616	590	602	589	572	565	566	579	587	609	633	638	663	663	648	629
12	640	629	636	642	621	620	598	602	590	590	583	587	578	546	559	572	567	582	596	616	650	660	630	622	605
13	620	617	618	619	617	619	620	623	620	620	617	607	588	577	566	566	576	596	618	634	647	651	650	642	614
14	635	623	622	627	626	622	622	612	612	612	611	611	598	582	578	584	596	612	623	627	624	631	624	628	614
15	628	629	631	631	628	630	629	629	627	622	619	619	615	597	592	596	610	625	643	657	644	633	644	632	625
16	641	633	630	631	630	629	630	628	628	622	619	613	607	592	580	579	597	625	648	651	656	665	650	661	627
17	641	636	630	641	636	618	592	613	611	616	600	582	607	588	583	587	600	616	632	646	647	642	633	635	618
18	633	628	628	633	633	629	623	622	623	623	623	618	610	601	587	588	595	613	628	635	637	637	634	635	621
19 Q	630	628	631	633	633	630	632	631	628	625	622	616	606	587	575	580	598	618	639	650	653	650	646	642	624
20 Q	635	634	635	633	633	634	631	632	629	628	625	617	599	577	567	571	583	601	622	637	644	645	646	643	621
21	642	641	641	640	640	653	640	644	635	643	638	630	612	520	550	638	628	644	649	659	662	673	666	647	635
22	620	613	625	622	625	627	623	624	625	625	625	626	615	588	583	571	577	584	600	603	610	632	622	627	612
23 D	614	619	612	603	617	624	629	628	628	614	621	614	577	552	572	575	567	569	580	592	643	648	691	663	611
24 D	599	583	581	605	574	492	562	563	613	585	527	581	557	501	460	435	593	585	591	576	602	606	613	627	567
25 D	609	616	609	612	621	596	581	617	616	584	579	576	582	553	552	540	588	581	586	614	637	635	661	651	600
26 D	615	622	586	606	609	606	596	540	571	590	616	611	594	576	552	543	554	584	584	601	619	627	622	619	593
27	616	616	613	616	601	581	591	623	619	621	620	607	606	579	567	563	554	568	586	608	616	622	628	636	602
28	616	615	596	608	614	614	618	618	618	619	613	607	594	564	550	543	553	574	593	604	618	634	633	628	602
29	627	626	624	624	628	629	627	625	623	621	627	614	602	577	539	550	559	581	595	611	621	619	630	627	609
30	617	620	622	627	626	621	622	616	624	625	619	611	607	581	559	541	551	571	588	611	629	635	634	634	608
31	630	630	635	632	633	629	627	628	628	622	614	619	621	596	572	564	551	578	594	630	624	604	619	617	612
Mean	627	626	625	627	625	620	620	622	622	618	614	612	602	579	568	571	584	600	617	631	641	642	641	636	615

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 30 Agincourt (D) West 7° + ... ′ August 1956

Day \ Hour 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	Mean
1	13.2	02.8	15.6	15.5	15.9	15.5	15.4	15.6	14.9	14.4	12.0	12.9	08.8	11.0	13.2	14.8	17.1	21.8	22.8	22.1	17.7	15.0	13.8	13.9	14.8
2	15.4	14.5	16.8	16.6	16.6	15.9	15.9	15.5	16.4	21.5	16.2	12.1	10.7	13.9	17.8	22.8	26.8	27.1	24.8	21.9	19.9	17.2	15.0	15.0	17.8
3	16.6	17.5	17.4	16.9	16.5	16.1	15.9	15.9	13.2	12.7	10.2	07.4	07.0	08.9	14.9	22.1	24.2	23.5	22.4	20.9	18.7	16.7	14.8	14.6	16.0
4 Q	16.9	17.8	18.1	18.3	17.1	16.1	15.6	15.0	14.3	13.4	12.0	10.1	09.4	11.5	15.5	22.7	28.6	29.5	28.1	24.4	20.3	17.3	14.7	12.6	17.5
5 Q	13.0	14.3	15.4	15.5	12.0	14.8	13.9	14.0	15.0	13.6	10.9	06.8	05.0	05.4	09.9	17.1	22.7	25.0	25.3	22.4	17.9	14.3	12.9	14.1	14.6
6	14.9	15.7	16.6	16.6	16.5	15.9	15.1	14.3	13.2	12.0	10.0	07.2	05.4	07.6	12.0	18.4	23.7	25.3	27.7	26.8	25.0	21.9	18.9	16.1	16.5
7 Q	16.1	16.5	17.2	17.3	15.2	14.5	15.5	15.4	14.3	13.2	10.9	07.3	04.4	05.6	10.8	19.6	28.3	33.0	34.0	30.8	25.4	19.0	15.5	15.3	17.3
8	16.0	16.8	15.8	18.0	16.6	16.1	16.0	14.0	11.9	10.0	06.2	02.8	00.5	01.6	07.9	17.8	26.8	31.9	33.5	30.8	24.8	17.9	14.3	13.2	15.9
9	13.1	13.5	14.3	14.8	13.4	14.8	13.6	13.9	15.0	13.6	13.0	15.7	07.4	06.9	13.6	19.2	21.0	30.0	25.1	22.9	15.5	13.6	13.6	12.2	15.4
10	11.9	10.9	15.2	14.8	07.6	15.2	16.4	18.4	14.6	13.8	10.1	06.1	03.1	03.4	08.6	14.8	18.9	23.0	24.5	23.9	21.4	17.7	15.3	16.6	14.4
11 D	16.6	17.8	18.0	17.1	16.4	12.0	08.3	06.5	04.0	09.2	05.5	02.1	-00.7	02.2	12.2	17.3	25.4	27.0	26.4	23.9	24.7	21.8	16.1	17.7	14.5
12	17.4	16.2	19.2	18.2	17.4	16.7	08.8	06.4	09.3	08.7	12.7	05.1	-01.4	03.6	16.1	17.2	21.6	24.4	26.4	26.4	21.9	19.4	18.7	18.0	15.4
13	18.7	19.0	18.0	17.7	17.4	16.7	15.9	14.6	13.9	13.0	09.7	07.0	05.4	07.6	10.8	17.0	24.8	27.2	26.5	24.7	22.4	20.0	18.8	18.1	16.9
14	16.6	16.8	17.7	18.0	18.1	17.8	16.9	16.6	15.1	13.4	10.9	08.5	06.8	08.0	13.1	18.0	23.6	25.3	23.4	22.0	20.5	18.9	18.0	17.7	16.7
15	18.4	18.6	17.8	17.6	17.7	17.5	16.0	15.3	14.3	13.3	11.1	09.2	07.9	08.9	13.2	18.7	22.8	25.0	25.2	24.0	23.3	19.6	16.6	16.9	17.0
16	17.3	18.0	16.5	16.8	16.6	16.2	15.5	15.0	14.2	13.5	10.5	08.4	07.8	07.5	12.6	17.3	24.8	30.4	27.3	23.1	19.8	17.8	15.9	15.8	16.6
17	18.4	19.2	19.6	17.5	17.2	15.4	14.3	13.7	12.7	09.8	05.9	09.0	03.5	01.7	07.9	16.8	22.5	25.6	24.3	21.0	19.4	17.8	17.2	16.5	15.3
18	17.4	17.9	18.3	17.1	17.8	16.4	14.9	14.5	13.5	12.7	11.9	09.8	09.0	10.3	13.3	18.9	22.9	24.5	25.1	23.6	20.9	17.7	16.4	16.3	16.7
19 Q	17.3	17.2	17.2	16.8	16.5	16.3	15.5	14.8	14.3	13.5	11.3	08.0	06.3	08.3	14.3	22.0	27.3	28.1	26.8	23.6	19.7	16.7	15.3	15.5	16.8
20 Q	16.7	17.7	17.9	17.7	17.2	16.5	15.5	14.5	14.2	12.7	10.9	08.9	08.2	09.4	15.0	22.0	27.7	29.4	28.1	24.9	20.8	16.6	14.6	14.9	17.2
21	16.6	17.0	17.0	17.2	16.3	15.7	14.3	15.2	11.8	08.0	05.6	01.0	-01.1	-08.4	15.5	23.6	25.4	28.2	30.2	26.4	23.5	19.0	17.3	15.9	15.5
22	18.2	16.1	17.6	17.8	17.5	19.2	17.0	14.5	12.6	10.9	07.9	02.8	-00.8	-00.3	06.3	11.9	19.0	23.4	26.0	25.8	23.0	17.8	12.8	11.4	14.5
23 D	11.1	14.4	12.5	12.0	11.2	14.3	14.5	17.2	20.5	14.4	05.9	04.8	10.8	16.5	25.9	22.9	23.2	28.9	27.4	27.2	17.2	11.5	09.7	08.6	15.9
24 D	-03.1	08.7	10.9	15.6	16.9	33.1	18.2	25.9	12.8	13.3	29.0	04.9	09.4	14.4	21.1	40.9	34.3	23.5	28.9	24.6	15.7	14.4	13.4	11.6	18.3
25 D	10.5	14.8	15.3	11.1	16.6	11.1	24.2	20.1	16.3	19.8	21.5	07.8	05.6	10.2	20.0	22.3	23.0	24.4	23.6	21.3	17.2	14.6	14.8	11.1	16.6
26 D	14.0	09.7	09.8	13.2	10.4	15.9	16.8	27.7	20.7	13.3	12.4	07.8	06.9	09.3	12.6	19.1	23.2	22.6	24.1	23.6	19.4	17.0	15.5	16.3	15.9
27	17.2	17.2	08.7	12.7	13.3	13.1	25.6	17.0	15.7	19.2	17.9	14.3	10.2	08.4	15.8	21.9	24.7	26.9	28.2	24.4	20.7	17.2	15.8	15.1	17.6
28	08.7	10.9	14.5	14.5	13.3	14.8	17.3	17.5	16.1	15.2	14.1	11.4	07.6	06.5	12.9	17.7	21.8	25.9	25.7	25.3	21.7	18.7	16.8	16.1	16.0
29	16.4	15.7	16.5	17.0	16.1	16.1	15.4	15.8	15.6	17.0	14.3	12.1	08.7	06.4	13.8	21.6	24.6	28.2	27.1	25.9	24.0	19.6	15.7	15.1	17.4
30	14.1	15.1	15.4	16.0	13.7	14.9	15.2	21.9	15.8	12.2	16.9	12.3	05.8	07.6	12.1	17.3	23.1	28.2	28.1	26.3	22.3	17.8	15.2	15.6	16.8
31	15.6	14.1	15.2	16.2	16.9	16.7	15.7	15.8	13.4	12.1	19.5	14.5	00.6	06.0	11.1	18.5	23.3	33.2	37.9	33.2	27.1	19.3	16.6	16.2	17.9
Mean	14.9	15.2	16.0	16.2	15.6	16.2	15.8	15.9	14.2	13.4	12.2	08.3	05.8	07.1	13.5	19.8	24.1	26.8	26.9	24.8	21.0	17.3	15.5	15.0	16.3

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 31 Agincourt (Z) 56,000 γ + August 1956

Day \ Hour 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	Mean
1	227	217	206	218	216	208	205	214	215	217	217	215	214	212	210	217	218	219	225	229	230	236	231	229	219
2	226	220	217	216	213	212	213	212	213	205	201	202	202	208	214	213	214	218	224	227	229	229	230	226	216
3	217	214	213	211	211	211	208	195	200	211	210	207	203	207	208	210	208	208	214	220	222	222	225	221	211
4 Q	218	217	216	216	214	214	213	212	212	212	212	210	208	212	210	205	207	210	214	214	219	226	228	229	214
5 Q	225	219	217	213	209	211	204	211	215	217	220	220	220	218	211	203	201	201	210	219	226	227	223	214	215
6	212	211	210	208	208	207	208	208	208	210	212	211	211	211	202	202	202	202	201	208	211	219	220	220	209
7 Q	217	216	215	214	209	214	215	215	215	214	216	217	216	214	214	213	209	211	216	225	232	228	220	213	216
8	213	213	213	212	213	212	210	193	211	214	220	224	224	217	210	209	218	229	239	251	265	268	256	243	224
9	232	227	226	219	203	172	205	214	221	222	222	177	159	175	190	192	193	201	213	219	242	264	288	280	215
10	255	240	226	213	196	210	210	196	216	222	225	224	221	219	217	214	214	213	215	219	222	226	228	216	219
11 D	217	213	214	211	202	201	192	180	181	203	196	189	195	191	186	183	196	206	255	280	295	287	276	256	217
12	249	242	237	245	228	214	196	201	203	220	192	186	201	193	190	200	209	211	214	216	233	234	219	214	214
13	216	217	217	216	216	216	215	216	216	217	218	215	212	210	210	208	208	209	217	220	227	235	238	235	218
14	227	225	222	217	216	214	214	219	221	221	222	222	214	215	215	219	220	215	217	226	228	228	222	220	220
15	219	214	214	213	214	214	214	213	213	214	215	214	215	214	213	207	202	207	217	222	219	213	216	211	214
16	213	211	211	210	211	210	210	211	210	210	211	208	199	197	197	193	196	198	202	210	216	221	220	226	208
17	228	238	241	226	221	178	196	219	222	222	214	193	190	196	202	204	202	203	214	219	218	215	214	214	212
18	214	214	214	209	204	207	210	214	214	214	214	214	215	214	216	211	210	214	217	216	214	217	214	211	213
19 Q	210	209	209	210	210	211	211	211	211	211	212	208	204	207	203	199	200	204	210	215	214	215	213	210	209
20 Q	210	211	210	211	211	212	213	212	211	210	213	213	213	208	204	203	207	206	212	214	215	216	214	211	211
21	208	208	208	208	208	210	208	203	198	205	208	207	204	196	192	190	172	178	180	189	207	231	250	256	205
22	279	243	225	219	218	219	218	217	216	214	216	214	207	198	198	196	202	206	220	228	238	249	247	238	222
23 D	233	226	219	205	208	206	211	215	183	179	201	215	202	190	188	196	199	209	225	242	259	293	337	352	225
24 D	303	250	202	097	136	058	151	143	198	181	093	163	147	130	162	183	246	247	253	261	257	250	246	257	192
25 D	255	240	235	217	193	187	159	175	192	147	109	131	175	205	222	217	246	240	249	256	262	268	270	277	214
26 D	270	199	227	217	215	219	183	091	123	182	214	237	236	232	228	234	243	252	252	261	263	255	241	231	221
27	228	225	221	216	199	162	159	204	208	213	210	203	195	207	214	219	225	228	232	239	238	235	229	229	214
28	233	225	218	190	199	214	217	220	220	223	220	225	225	225	229	226	235	237	241	240	238	237	229	223	225
29	222	222	220	220	216	214	213	209	214	217	222	216	214	216	222	217	222	228	237	243	243	235	237	235	223
30	237	223	226	214	210	208	213	196	181	207	202	193	205	211	211	210	216	222	229	231	235	233	228	222	215
31	219	216	213	210	210	213	213	214	211	213	181	132	171	189	195	207	213	217	220	239	246	243	234	229	210
Mean	230	222	218	210	208	202	203	202	205	209	204	203	204	204	206	206	211	214	222	229	234	237	239	234	215

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 32 Agincourt August 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	21	50	651	13	30	583	68	18	04	24.3	01	10	-0.5	24.8	21	52	239	02	09	194	45
2	19	12	680	12	35	601	79	16	58	27.8	12	47	9.6	18.2	22	31	235	09	53	199	36
3	23	41	654	14	28	567	87	16	30	24.7	12	12	6.3	18.4	22	42	228	07	48	188	40
4 Q	21	15	661	15	24	591	70	17	30	30.1	12	17	8.8	21.3	23	15	232	15	20	202	30
5 Q	20	51	659	15	26	577	82	18	10	25.9	13	06	4.5	21.4	00	20	229	17	12	199	30
6	19	50	674	14	57	563	111	18	37	27.8	12	10	5.0	22.8	21	20	225	18	22	199	26
7 Q	20	29	672	15	15	553	119	18	09	34.8	12	51	4.0	30.8	20	31	234	16	35	207	27
8	22	03	653	15	29	541	112	17	48	35.5	12	32	-0.4	35.9	21	23	270	07	21	180	90
9	20	52	717	16	56	552	165	17	27	32.2	13	16	3.2	29.0	22	35	291	12	12	145	146
10	22	18	684	13	49	562	122	18	50	25.1	13	17	-0.9	26.0	00	01	267	07	20	185	82
11 D	00	49	736	14	55	534	202	17	52	33.9	12	10	-5.4	39.3	21	18	303	08	09	163	140
12	21	05	708	13	47	534	174	18	50	28.3	12	30	-3.1	31.4	01	05	256	11	20	178	78
13	22	19	658	14	07	557	101	17	57	27.4	12	52	2.4	25.0	22	20	241	14	07	207	34
14	21	28	639	14	28	575	64	17	19	25.7	12	59	6.1	19.6	00	09	234	06	30	212	22
15	19	55	668	14	12	586	82	18	23	25.7	12	26	6.2	19.5	19	58	225	16	45	200	25
16	21	32	672	15	00	568	104	17	18	32.0	13	26	6.3	25.7	22	01	231	15	38	190	41
17	00	55	656	13	55	557	99	17	57	26.4	13	57	-2.2	28.6	02	15	244	06	02	116	128
18	19	50	648	14	29	582	66	18	06	25.4	12	52	8.2	17.2	21	33	220	04	26	197	23
19 Q	21	07	661	14	43	571	90	17	37	28.1	13	09	5.8	22.3	21	08	218	16	05	198	20
20 Q	23	10	649	15	00	563	86	17	23	29.8	12	15	7.4	22.4	21	13	218	14	43	202	16
21	20	45	686	13	45	481	205	18	25	31.0	13	15	-11.8	42.8	23	59	275	15	59	168	107
22	21	35	646	15	30	547	99	18	35	27.0	13	29	-3.2	30.2	01	36	291	15	10	190	101
23 D	23	00	712	14	09	525	187	14	47	30.1	11	40	1.7	28.4	23	28	371	09	58	170	201
24 D	23	24	678	05	25	352	326	16	00	50.2	12	29	-29.7	79.9	00	20	348	05	12	-8	356
25 D	23	02	672	14	20	511	161	10	09	45.5	12	03	3.1	42.4	23	52	285	10	23	91	194
26 D	00	30	698	08	09	506	192	00	38	46.5	00	53	-5.3	51.8	00	31	319	08	07	16	303
27	23	24	649	16	40	547	102	06	01	44.2	13	26	5.1	39.1	20	11	243	05	58	126	117
28	21	40	646	15	41	535	111	17	51	27.1	00	43	1.9	25.2	21	05	244	03	30	179	65
29	20	34	634	14	21	522	112	17	23	28.9	13	10	5.3	23.6	20	32	247	07	20	207	40
30	21	28	639	15	44	536	103	07	51	31.9	12	39	4.2	27.7	00	01	238	08	10	165	73
31	20	18	649	16	17	537	112	18	18	40.9	12	12	-2.6	43.5	20	10	249	11	17	111	138
Mean			668			546	122			31.4			1.3	30.1			256			167	89
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 1956

Day \ Hour 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	Mean
1	615	618	626	624	628	627	614	621	610	608	596	597	599	591	571	565	578	601	628	636	635	650	640	623	613
2 D	622	650	659	706	665	411	458	531	224	303	291	363	527	543	552	538	537	539	586	593	615	611	614	602	531
3 D	605	615	625	610	580	527	424	424	415	415	453	519	534	509	514	549	564	577	598	620	630	617	605	599	547
4	598	595	596	603	601	600	588	570	593	603	586	572	575	562	569	554	555	565	580	598	613	617	616	615	588
5	610	603	612	617	616	618	620	621	623	621	618	611	592	573	561	558	567	577	590	611	626	635	627	631	606
6	624	614	627	618	603	613	613	605	606	606	611	578	551	530	540	552	558	570	582	608	627	649	624	628	597
7	608	595	607	616	617	617	618	626	621	616	616	613	591	580	565	554	556	573	590	611	626	636	638	632	605
8 D	631	631	634	632	632	632	636	632	614	608	616	606	607	535	363	581	600	572	569	567	592	616	601	587	596
9	605	615	608	605	611	604	592	593	575	575	576	576	562	554	562	563	570	580	606	646	661	629	636	608	596
10	619	609	615	616	614	613	611	611	607	611	608	602	592	585	572	574	583	593	617	617	627	626	615	621	607
11	627	625	627	628	622	607	604	614	614	611	613	604	594	584	561	549	561	582	600	622	627	617	611	621	605
12	625	629	628	627	626	623	625	622	626	626	626	621	610	594	579	569	571	576	601	611	650	675	664	650	619
13	612	590	576	555	577	597	602	595	606	604	603	597	589	581	567	573	589	610	630	632	630	614	604	611	598
14 Q	614	619	619	625	619	617	615	613	611	611	609	605	594	584	575	572	586	604	622	630	626	625	626	637	611
15	631	632	633	636	629	625	621	623	625	622	619	615	610	604	593	588	596	611	625	633	636	645	663	649	624
16	639	642	643	643	643	643	643	642	641	635	635	626	619	604	579	572	589	621	643	651	646	623	627	626	628
17 Q	631	636	636	634	634	626	624	626	627	627	621	619	603	583	560	560	580	598	618	639	630	628	629	633	617
18 Q	636	634	632	634	634	634	634	633	634	632	629	620	604	585	575	571	579	596	616	636	643	641	639	640	621
19 Q	644	648	647	647	645	644	642	643	644	645	644	634	616	598	582	581	598	619	639	649	653	648	647	651	634
20	653	656	652	629	608	613	618	646	650	653	661	653	626	604	582	570	573	623	621	639	624	620	610	617	625
21 D	609	613	584	587	536	536	581	599	608	610	623	618	602	575	577	567	574	592	610	614	629	633	629	628	597
22 D	628	638	633	617	592	612	544	562	564	541	580	598	604	585	559	513	546	573	595	605	617	625	614	615	590
23	618	618	626	628	625	623	627	623	620	626	611	606	604	587	567	552	556	577	597	617	633	638	638	631	610
24	633	633	632	636	638	633	632	632	632	632	627	621	606	588	581	574	576	591	613	628	634	642	638	630	620
25	626	628	614	615	623	629	629	630	631	633	633	628	617	597	582	593	607	624	638	644	650	653	644	636	625
26	634	626	615	608	598	594	598	587	597	597	619	625	614	602	586	582	582	586	592	602	614	627	637	639	607
27	639	633	628	627	627	630	631	633	633	635	635	627	622	615	601	594	584	583	586	604	611	625	629	633	619
28	633	633	617	602	610	614	616	624	627	629	636	632	622	606	592	591	603	609	619	633	633	637	638	642	621
29 Q	640	640	639	638	637	635	635	635	636	637	637	634	628	617	607	609	616	626	638	649	646	642	639	646	634
30	643	633	624	625	623	624	625	629	635	637	636	632	623	608	588	581	588	602	614	624	630	629	627	625	621
31																									
Mean	625	625	624	623	617	607	604	608	598	600	602	602	598	582	566	568	578	592	609	622	631	632	629	627	607

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 34 Agincourt (D) West 7° + ... ′ September 1956

Day \ Hour 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	Mean
1	15.3	16.7	16.8	17.5	16.7	18.5	22.5	16.0	12.3	09.3	13.8	10.6	09.2	10.6	13.9	22.3	26.0	28.9	25.9	24.9	22.2	18.5	18.0	19.4	17.7
2 D	19.3	17.2	12.0	04.2	29.8	35.0	28.5	17.6	26.5	21.8	13.3	25.6	02.8	08.3	16.8	24.9	28.9	29.4	23.1	22.5	19.0	16.0	15.1	17.0	19.8
3 D	18.4	17.2	01.3	14.4	22.5	23.2	16.2	27.7	11.5	15.8	25.9	14.6	10.2	15.3	22.2	27.2	28.4	29.0	26.7	21.7	17.8	13.9	14.3	14.4	18.6
4	14.4	15.6	16.6	17.8	16.7	17.9	17.7	24.7	20.2	15.6	17.5	17.1	11.0	13.8	19.2	23.9	27.7	29.5	28.9	25.2	19.6	15.1	14.4	16.0	19.0
5	13.8	14.3	16.9	16.8	17.0	17.8	16.7	15.6	14.4	14.0	12.9	09.8	07.9	09.3	13.9	20.4	25.7	30.5	30.2	26.1	20.7	16.0	14.7	14.8	17.1
6	13.5	16.2	17.1	15.7	14.8	16.7	15.6	11.6	08.8	14.3	12.5	13.0	15.1	19.8	27.7	29.1	28.2	28.7	29.0	27.8	22.2	15.7	15.6	14.8	18.5
7	16.1	14.9	11.2	17.8	17.5	17.2	16.1	16.2	14.1	14.2	12.1	08.7	05.1	06.5	09.2	15.7	23.0	25.6	27.3	26.2	23.9	20.2	17.9	18.7	16.5
8 D	18.7	17.8	17.5	17.0	16.8	15.9	15.9	17.7	13.5	13.4	09.5	02.6	07.6	12.0	03.4	34.0	33.2	24.5	35.5	29.8	24.0	19.7	19.5	19.8	18.3
9	19.7	19.9	21.4	19.5	18.6	16.2	15.3	15.9	06.2	11.5	08.1	06.6	10.5	15.2	17.7	20.8	24.9	27.8	28.3	26.0	25.0	23.1	22.4	19.5	18.3
10	20.9	20.0	20.7	18.9	18.2	17.7	17.2	16.9	16.2	15.8	13.5	10.2	09.4	11.6	13.5	19.5	24.5	26.8	27.1	26.9	24.4	20.1	17.7	19.1	18.6
11	18.5	18.0	16.7	17.1	19.1	16.0	12.2	14.0	13.3	16.8	14.0	14.9	10.9	10.7	13.4	20.4	24.9	27.4	26.9	25.2	23.1	20.1	18.8	18.5	18.0
12	18.2	17.7	17.3	16.8	16.8	15.7	15.8	15.2	14.5	14.4	14.2	13.1	10.7	11.1	12.4	16.5	20.2	23.8	25.9	26.9	24.1	21.4	18.0	18.0	17.4
13	19.1	13.9	12.2	17.7	21.6	14.2	15.7	14.6	15.2	13.5	14.0	12.4	11.2	10.9	13.2	18.0	21.4	24.1	24.5	21.3	18.4	18.0	18.0	18.0	16.7
14 Q	18.0	17.7	18.2	18.5	18.3	17.3	16.7	15.7	14.8	13.4	13.4	11.7	09.9	11.3	13.1	18.3	23.2	25.5	26.8	24.3	21.3	19.5	18.5	17.2	17.6
15	18.0	18.6	18.6	17.9	17.3	16.0	15.8	15.5	14.9	14.3	13.5	11.7	09.8	09.3	11.1	15.6	19.9	23.5	24.7	23.2	21.4	20.4	19.0	20.8	17.1
16	20.4	17.7	17.3	16.8	16.7	15.8	15.3	14.9	14.4	13.6	13.1	10.8	09.4	09.3	08.8	14.4	21.9	28.0	26.0	22.5	19.8	18.9	17.7	17.7	16.7
17 Q	17.7	17.6	17.3	17.5	16.6	14.9	12.6	13.5	14.2	14.0	13.5	12.2	08.8	10.3	13.5	21.4	25.9	26.3	25.0	23.3	21.3	18.1	17.7	18.1	17.1
18 Q	18.0	18.2	18.1	17.7	17.2	16.2	15.8	15.3	14.8	14.1	13.0	10.1	06.5	08.1	11.2	17.9	23.2	25.9	25.5	22.4	19.7	17.7	17.8	19.0	16.8
19 Q	18.4	17.5	17.3	17.0	16.6	15.7	15.2	14.7	14.0	13.9	12.7	10.7	08.0	08.1	11.8	18.5	22.8	24.8	25.1	22.6	19.0	18.0	18.6	19.5	17.0
20	18.7	17.6	17.6	04.8	09.2	08.5	10.0	12.6	09.9	09.9	06.2	02.1	03.0	06.5	08.5	16.3	24.1	34.3	28.5	26.4	23.6	20.9	16.1	14.3	14.6
21 D	14.5	15.5	13.7	13.1	27.4	18.3	10.0	07.1	12.3	17.8	19.9	13.5	13.2	20.0	17.4	18.9	26.3	26.5	25.4	24.1	19.6	16.2	17.3	19.1	17.8
22 D	17.6	07.9	16.4	14.0	17.2	17.9	27.4	15.8	10.4	12.9	22.8	21.6	09.0	09.1	14.1	20.3	26.1	26.0	23.7	20.8	20.7	17.9	17.0	16.8	17.6
23	16.3	12.0	14.2	17.4	17.2	17.0	18.1	22.3	13.6	14.4	19.8	22.3	14.5	12.3	13.6	18.1	21.6	24.7	26.4	25.4	22.7	20.8	19.8	18.9	18.5
24	18.9	18.4	17.1	17.8	17.4	17.2	16.4	16.0	16.3	16.2	15.3	14.2	11.7	11.0	14.6	19.0	23.9	27.8	28.2	26.7	23.5	21.3	17.1	16.1	18.4
25	16.9	13.3	15.4	16.2	16.0	17.0	16.9	16.2	15.4	15.0	14.3	11.6	09.5	09.6	11.9	18.4	23.3	24.6	24.8	24.6	23.8	22.6	21.1	21.1	17.5
26	20.5	17.6	14.5	13.7	13.5	12.6	16.4	06.5	08.2	18.0	12.7	10.8	11.7	10.9	12.6	15.9	17.7	20.2	21.0	21.4	20.5	19.2	17.9	17.5	15.5
27	17.7	17.2	16.9	16.8	16.3	15.3	15.5	15.7	15.5	15.5	14.8	16.1	18.9	16.1	18.0	18.1	20.4	22.9	24.0	25.0	24.6	22.8	20.4	18.7	18.5
28	18.3	17.8	17.4	15.4	15.9	12.3	13.7	15.1	15.2	20.0	15.6	13.2	11.7	10.0	12.7	16.6	20.2	21.6	21.8	21.8	22.0	22.0	21.0	20.1	17.1
29 Q	18.3	18.7	17.4	16.8	16.8	15.9	15.5	15.0	14.9	14.6	14.5	12.8	11.2	10.2	11.8	16.4	19.7	23.6	25.0	22.4	19.5	17.9	18.1	18.3	16.9
30	19.2	19.9	19.6	18.0	17.0	16.0	15.4	14.6	12.8	13.9	13.5	13.5	08.9	09.2	11.8	16.3	20.7	23.3	23.8	22.4	20.2	18.3	18.7	19.2	16.9
31																									
Mean	17.8	16.7	16.1	16.0	17.8	16.8	16.4	15.7	13.9	14.7	14.3	12.6	09.9	11.2	13.8	19.8	23.9	26.2	26.2	24.3	21.6	19.0	17.9	18.0	17.5

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 35 Agincourt (Z) 56,000 γ + September 1956

Day \ Hour 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	Mean
1	231	228	220	216	215	193	172	183	189	185	184	180	184	186	191	195	205	215	225	231	240	243	234	222	207
2 D	219	223	243	219	178	090	199	226	172	120	049	124	193	200	234	246	259	265	273	276	261	250	243	239	208
3 D	235	237	192	201	179	150	088	158	111	084	126	132	168	201	227	242	250	255	262	270	274	267	255	249	201
4	244	240	238	233	228	210	195	190	209	219	225	207	211	209	211	216	222	223	232	238	246	240	232	228	223
5	231	232	229	226	220	223	225	225	222	223	226	228	225	223	223	228	231	235	234	237	239	234	228	226	228
6	228	231	225	222	196	192	201	189	205	201	205	202	204	198	202	217	232	233	234	245	261	267	249	249	220
7	259	259	235	220	225	221	220	217	217	222	225	228	225	223	220	220	219	219	225	226	227	226	225	220	226
8 D	220	220	220	219	217	218	216	197	186	183	169	220	177	177	193	311	263	258	249	268	268	265	253	240	225
9	240	243	240	240	223	233	223	184	190	177	183	196	202	208	214	223	232	239	252	271	261	244	246	245	225
10	244	241	235	223	223	224	225	223	222	222	225	226	222	222	223	230	232	239	255	246	243	240	230	226	231
11	227	226	226	225	222	208	213	225	214	201	202	199	201	209	220	224	221	225	228	230	234	232	228	226	219
12	225	224	223	222	223	225	223	223	221	220	221	222	222	223	223	223	223	228	234	236	249	268	273	277	231
13	257	258	228	121	171	234	240	228	212	214	226	231	232	234	234	223	225	232	236	231	228	222	226	229	224
14 Q	227	226	225	222	221	223	225	223	220	223	223	225	225	227	225	216	214	211	210	214	217	222	222	225	221
15	225	222	221	221	223	222	221	220	220	220	220	219	220	220	220	217	212	210	213	213	218	222	231	228	220
16	223	219	216	216	216	216	216	216	216	214	216	216	219	216	210	209	211	214	214	216	231	234	231	223	218
17 Q	220	217	216	217	216	215	216	222	219	217	216	214	217	215	213	221	220	216	217	221	226	225	222	221	218
18 Q	222	220	219	217	217	219	219	217	217	216	219	221	222	220	219	217	219	219	222	223	220	219	216	216	219
19 Q	218	215	214	215	214	216	216	215	214	214	214	217	214	212	211	202	198	201	205	204	205	207	209	210	211
20	211	210	215	207	199	201	201	204	213	217	214	214	208	205	199	201	207	209	217	234	244	246	243	236	215
21 D	231	246	267	242	132	136	168	192	211	196	207	221	220	207	208	211	222	228	238	237	238	241	238	232	215
22 D	233	211	196	207	119	101	132	144	156	090	166	154	193	211	215	223	247	250	268	265	246	232	229	228	197
23	229	220	198	209	220	214	186	171	192	205	201	198	201	208	210	221	226	228	224	226	226	223	219	219	211
24	218	218	216	215	215	215	216	216	215	214	214	214	215	217	215	210	215	216	217	222	225	225	225	225	217
25	224	209	213	216	219	219	218	218	219	219	220	220	217	215	213	211	209	213	219	225	227	230	228	227	219
26	231	239	242	234	222	206	159	177	189	161	188	213	221	215	215	216	216	222	225	228	226	224	222	219	213
27	218	216	218	216	216	214	210	214	215	214	214	212	207	204	209	207	213	216	221	231	236	236	230	226	217
28	222	221	224	223	184	197	213	213	209	204	204	213	216	210	208	207	209	206	209	214	219	220	220	220	212
29 Q	218	218	218	216	216	216	216	215	215	215	214	214	213	210	201	198	201	208	213	218	218	218	216	218	213
30	218	221	224	226	228	224	221	220	218	216	215	211	209	208	207	205	209	213	215	218	220	221	221	221	217
31																									
Mean	228	227	223	217	207	202	203	206	204	198	201	206	210	211	214	220	222	225	230	234	236	235	231	229	217

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 36 Agincourt — September 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	01	656	15	41	561	95	17	13	30.3	09	40	7.7	22.6	21	03	243	06	31	161	82
2 D	03	27	732	08	58	-29	761	05	05	56.3	10	25	-16.2	72.5	18	55	286	05	06	-41	327
3 D	02	57	691	09	49	243	448	09	54	45.5	02	35	-23.5	69.0	20	23	277	09	50	18	259
4	20	43	621	16	04	549	72	07	21	31.4	12	36	10.1	21.3	00	01	251	07	20	183	68
5	23	59	642	15	16	555	87	08	13	31.7	12	02	7.5	24.2	19	55	241	23	03	220	21
6	21	10	678	13	35	516	162	15	10	31.8	08	04	4.4	27.4	21	10	277	05	03	160	117
7	22	07	652	15	39	547	105	18	42	28.1	12	43	3.7	24.4	01	08	265	07	57	208	57
8 D	15	45	701	14	50	208	493	15	59	56.3	14	51	-32.3	88.6	15	43	351	10	39	154	197
9	20	35	683	13	48	537	146	18	13	29.6	08	58	2.9	26.7	19	12	277	09	39	156	121
10	20	42	642	14	43	569	73	17	46	28.7	12	10	8.8	19.9	18	25	258	03	35	214	44
11	20	57	634	15	14	544	90	17	35	28.5	12	52	9.8	18.7	21	01	237	09	45	192	45
12	21	39	712	16	45	568	144	19	21	28.0	12	16	10.3	17.7	23	41	306	09	00	219	87
13	19	15	642	04	19	473	169	03	16	47.3	04	35	6.7	40.6	00	01	267	04	12	56	211
14 Q	23	38	646	15	20	570	76	18	30	27.5	12	15	9.8	17.7	00	05	228	18	15	210	18
15	22	27	668	15	30	586	82	18	24	25.2	13	35	8.9	16.3	22	27	232	17	17	208	24
16	19	23	660	14	55	564	96	17	33	29.6	14	48	6.5	23.1	22	01	237	14	45	205	32
17 Q	19	48	645	14	43	557	88	17	00	26.9	12	33	8.0	18.9	20	50	228	05	16	207	21
18 Q	20	36	648	15	05	569	79	18	00	26.6	12	30	5.6	21.0	19	40	223	23	19	214	9
19 Q	20	03	658	15	09	575	83	18	14	25.5	13	06	7.0	18.5	00	05	219	16	50	197	22
20	10	09	675	14	58	525	150	17	17	37.9	12	35	-1.7	39.6	21	52	250	14	56	184	66
21 D	11	05	642	05	00	460	182	05	01	58.2	07	01	-0.7	58.9	02	55	279	04	51	29	250
22 D	05	50	667	06	55	429	238	04	51	34.8	05	47	-6.4	41.2	18	57	282	04	47	17	265
23	21	51	644	15	58	547	97	18	23	27.1	01	38	7.1	20.0	00	44	229	07	15	163	66
24	21	15	644	15	31	572	72	19	00	28.4	13	17	8.9	19.5	21	15	227	15	44	209	18
25	18	40	655	14	50	572	83	18	13	25.4	01	07	2.3	23.1	23	04	233	01	30	200	33
26	00	01	641	16	38	575	66	09	38	26.1	07	35	4.8	21.3	01	57	245	06	16	138	107
27	00	23	640	17	11	581	59	19	11	25.8	14	06	13.7	12.1	21	11	239	13	06	201	38
28	23	28	645	03	34	580	65	21	12	22.7	13	15	8.0	14.7	03	37	235	04	40	159	76
29 Q	19	24	661	14	55	601	60	17	50	25.3	14	05	9.5	15.8	21	15	220	14	55	195	25
30	00	02	651	15	31	578	73	17	33	24.2	12	32	8.2	16.0	04	15	231	15	30	204	27
31																					
Mean			659			509	150			32.3			3.3	29.0			252			161	91
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 1956

Day \ Hour 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	Mean
1	630	629	631	620	634	635	632	634	637	640	645	637	628	614	588	584	597	607	611	615	618	626	640	613	623
2 D	606	612	626	631	630	634	634	585	580	595	617	611	585	578	595	583	586	590	616	640	607	613	624	614	608
3	600	595	599	603	611	611	616	616	599	618	623	611	590	602	590	594	600	591	615	598	614	614	617	605	606
4	606	613	611	613	614	616	616	621	624	630	627	625	610	591	583	590	603	609	613	612	617	628	623	624	613
5	627	628	627	627	627	628	632	625	585	587	618	621	608	595	582	576	577	587	616	639	618	628	629	638	614
6	632	624	625	626	628	624	627	630	631	630	622	622	608	573	570	558	566	588	604	626	636	638	641	633	615
7	628	623	625	629	625	626	624	628	624	626	629	625	612	586	577	572	570	580	585	617	637	630	636	630	614
8	622	630	632	631	629	620	618	626	626	627	630	625	618	601	585	572	579	592	615	641	639	623	630	635	618
9	635	629	623	626	630	632	633	632	628	627	630	623	600	589	581	575	580	586	602	621	637	634	636	638	618
10	640	637	637	638	637	637	636	637	637	637	636	629	620	605	589	585	593	602	611	623	636	637	640	640	626
11	639	638	641	643	644	638	638	638	638	637	637	635	624	612	602	596	598	604	615	625	630	636	644	643	629
12	643	644	643	643	643	644	645	643	642	643	639	638	635	624	612	598	597	601	614	626	642	635	643	643	633
13 Q	639	643	645	643	643	642	642	643	643	645	644	640	628	614	601	596	597	606	616	628	638	640	643	645	632
14 Q	642	642	636	634	631	635	633	637	635	635	634	632	623	609	591	586	591	605	621	626	625	629	634	638	625
15 Q	640	642	642	642	641	641	639	639	640	640	639	637	624	611	597	588	591	600	616	627	637	642	647	644	630
16	644	645	645	644	641	641	636	640	640	635	637	638	627	611	593	580	581	596	611	622	634	638	641	643	628
17 Q	644	649	643	641	635	635	638	639	638	642	639	634	623	610	591	583	593	608	620	632	638	636	641	642	629
18	642	642	643	640	633	634	634	637	637	635	634	634	620	600	583	575	580	593	610	624	637	644	648	651	626
19	653	652	645	643	638	630	634	636	637	643	646	646	638	613	591	580	578	588	604	616	629	644	651	652	629
20 D	651	651	645	627	613	594	573	583	594	591	611	598	588	553	568	544	538	544	555	601	606	605	611	592	593
21 D	583	579	572	573	580	594	596	591	558	606	595	616	595	556	545	567	555	556	559	594	607	599	606	603	583
22	601	596	585	583	599	611	613	616	619	620	621	614	596	573	558	557	557	568	586	597	608	603	608	606	596
23	602	593	598	594	591	593	595	601	614	621	624	616	598	584	578	574	570	578	588	597	608	613	614	619	598
24	622	621	620	611	608	616	619	622	624	626	625	626	617	603	586	574	577	585	602	617	622	635	638	638	614
25 Q	639	638	637	635	634	639	640	637	637	638	640	644	632	614	597	582	580	591	606	619	626	632	636	638	626
26 D	646	640	639	629	609	625	617	627	638	639	642	639	628	605	578	602	635	631	610	623	642	638	645	659	629
27 D	583	575	563	545	526	544	573	559	550	597	612	606	591	588	574	566	566	575	584	580	598	603	603	589	577
28	597	596	594	583	583	573	560	568	573	570	568	591	568	575	581	577	571	573	583	601	601	605	614	606	584
29	605	607	613	611	616	621	621	619	614	609	615	616	608	597	585	573	570	580	596	605	604	614	616	616	605
30	614	616	614	615	616	620	622	624	620	623	631	633	633	607	598	601	582	570	580	592	604	613	617	621	611
31	620	622	624	624	624	627	628	628	630	619	624	625	625	614	594	584	578	588	603	608	616	621	625	616	615
Mean	625	624	623	621	620	621	621	621	619	624	627	625	613	597	585	580	582	589	602	616	623	626	630	628	614

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 38 Agincourt (D) West 7° + ... ′ October 1956

Day \ Hour 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	Mean
1	19.8	18.9	19.1	14.7	12.9	15.7	15.2	14.6	13.3	14.5	12.4	14.1	17.6	15.2	17.1	22.6	25.9	25.5	23.8	22.5	20.1	18.3	19.2	18.2	18.0
2 D	15.6	10.5	18.2	17.9	17.3	16.3	14.0	11.2	13.4	11.0	12.1	11.9	19.6	27.6	27.8	23.6	26.1	27.4	24.5	21.6	19.8	19.3	18.5	13.7	18.3
3	15.5	15.4	16.0	13.1	15.8	15.4	18.2	19.5	19.0	17.4	13.3	14.3	19.5	18.7	17.6	22.8	23.9	25.7	25.7	25.2	22.0	19.8	18.3	16.4	18.7
4	16.4	17.4	16.0	17.4	17.4	16.4	15.7	17.4	15.9	15.4	13.4	12.3	10.4	10.7	12.3	18.8	21.8	23.4	23.0	23.4	22.1	20.3	21.2	19.7	17.4
5	17.4	17.5	17.5	17.0	17.3	16.9	15.4	12.0	15.0	02.2	16.1	15.5	11.4	10.0	12.8	17.6	23.8	27.9	27.9	27.0	24.3	22.0	19.7	20.0	17.7
6	19.2	16.5	15.7	16.9	15.5	17.0	14.1	14.1	14.6	14.5	14.3	12.8	11.3	06.5	13.6	19.0	23.9	27.5	28.0	26.0	23.3	20.8	20.6	17.9	17.6
7	16.7	17.0	17.0	15.7	14.9	15.9	14.6	16.4	15.8	18.3	14.7	11.8	08.7	06.3	10.0	14.5	20.2	24.6	29.1	30.3	28.5	23.3	20.8	20.5	17.7
8	14.3	15.4	17.4	16.7	13.6	09.8	12.7	14.7	14.6	14.8	15.0	13.8	10.5	08.5	10.0	14.6	21.6	25.1	25.6	24.4	25.2	24.3	20.8	19.4	16.8
9	18.3	15.6	12.5	16.4	17.0	17.2	17.4	16.0	16.5	20.2	15.7	12.5	10.1	12.2	10.5	13.7	18.3	22.1	25.7	25.8	24.0	22.9	21.1	20.2	17.6
10	19.4	17.5	17.0	17.0	16.2	16.0	16.1	15.9	15.8	15.6	15.2	14.3	12.1	10.6	10.6	14.5	19.1	22.6	24.3	24.1	23.8	22.4	20.3	19.2	17.5
11	18.6	18.1	16.5	14.4	15.3	16.3	16.2	14.8	16.5	17.6	17.9	15.1	12.5	12.0	11.9	12.3	16.5	20.3	22.0	22.8	23.1	22.4	21.2	19.1	17.2
12	18.3	17.9	17.7	17.4	17.0	16.7	16.0	15.4	15.4	15.2	15.2	14.8	13.2	10.8	09.1	11.7	14.7	18.6	20.7	21.5	21.9	21.8	20.2	19.8	16.7
13 Q	19.8	18.0	17.4	17.1	16.1	15.8	15.9	15.2	15.5	15.2	14.8	14.2	12.5	11.1	11.3	13.9	16.9	19.8	21.2	21.9	21.6	20.8	19.9	19.1	16.9
14 Q	18.3	18.1	17.9	18.0	17.1	16.6	15.9	15.5	14.5	14.5	14.2	13.5	12.0	10.5	11.0	13.4	16.0	18.8	19.8	20.3	20.4	20.7	20.0	18.5	16.5
15 Q	17.9	17.4	17.2	17.0	16.6	16.1	15.9	15.5	15.2	15.1	15.2	14.7	12.9	11.5	11.0	12.4	17.7	22.1	23.1	23.5	22.8	21.6	19.6	18.8	17.1
16	17.7	17.4	17.0	16.7	16.9	16.0	15.5	16.9	14.7	09.7	12.4	14.7	12.5	10.2	10.4	12.8	17.3	21.7	22.9	21.6	19.8	18.8	18.7	18.0	16.2
17 Q	17.1	16.8	17.4	17.4	15.7	14.8	14.4	14.3	14.8	13.7	13.4	12.8	11.0	10.3	11.3	16.5	21.3	23.9	24.0	22.1	20.0	18.9	18.8	18.0	16.6
18	18.0	17.2	17.0	16.8	16.1	14.0	16.1	16.0	15.2	14.3	14.8	14.3	11.4	09.1	10.0	15.1	19.5	23.1	24.1	22.5	20.6	19.5	19.2	18.3	16.8
19	17.5	17.1	17.1	17.3	13.4	14.7	16.5	13.8	13.9	13.3	14.2	14.7	12.9	09.6	09.5	14.0	19.7	24.1	25.3	24.4	22.5	20.4	18.9	18.0	16.8
20 D	17.4	16.7	17.1	13.4	12.1	11.1	07.8	05.9	12.8	11.9	14.4	21.2	18.0	25.3	18.9	20.1	25.8	28.2	28.9	26.7	21.2	25.3	23.1	18.2	18.4
21 D	17.6	14.4	11.1	13.4	15.6	14.0	15.4	18.9	25.3	18.8	20.3	24.3	22.9	18.3	25.2	21.7	23.9	29.9	30.4	27.1	24.0	22.7	21.6	18.4	20.6
22	16.7	16.5	13.9	12.7	16.1	18.4	19.1	18.4	16.9	17.0	16.4	14.9	12.0	17.5	18.5	23.4	26.5	28.6	28.5	28.5	27.1	24.9	22.9	20.4	19.8
23	18.1	17.1	11.5	13.9	11.9	13.7	12.5	14.1	19.7	17.4	13.9	14.5	18.0	19.1	17.9	19.4	22.5	24.0	23.5	24.0	23.0	20.0	17.4	18.4	17.7
24	18.0	17.5	17.4	15.2	12.1	16.1	16.0	17.1	16.0	15.7	15.6	14.8	12.9	11.9	11.9	14.5	17.8	20.7	22.5	22.8	21.6	20.2	19.7	18.9	17.0
25 Q	18.0	17.9	17.5	17.3	16.0	16.0	16.1	15.8	14.6	14.3	15.1	14.2	11.6	10.1	10.1	12.6	17.0	20.3	21.7	21.6	20.7	20.3	19.8	18.4	16.5
26 D	17.1	17.4	18.7	15.9	17.4	13.9	07.9	13.0	14.0	13.9	14.4	13.8	11.5	07.3	11.2	22.3	24.3	25.2	27.7	26.3	22.5	25.5	29.7	14.6	17.7
27 D	17.1	17.0	15.6	13.3	05.6	04.9	15.3	21.2	25.4	22.8	24.9	17.9	22.9	19.0	17.1	18.2	20.2	22.9	24.3	26.3	24.8	24.6	23.5	21.1	18.9
28	20.5	18.9	15.3	13.0	12.9	12.8	14.2	17.7	12.9	15.2	19.1	24.9	23.0	20.5	19.8	17.7	20.7	22.1	21.0	19.8	19.8	19.4	19.8	19.8	18.4
29	19.3	18.2	19.0	17.5	17.1	18.9	17.5	16.4	15.0	16.1	13.9	13.0	13.0	13.4	15.5	18.3	24.0	26.5	25.3	23.4	21.2	19.6	19.4	18.9	18.4
30	18.4	18.2	17.5	16.5	16.9	17.5	17.6	18.0	13.7	13.7	12.8	14.9	14.2	14.6	18.3	18.9	19.7	23.9	24.7	23.1	20.2	18.9	19.1	18.4	17.9
31	18.4	18.0	17.9	17.9	17.9	17.4	17.4	16.5	15.2	18.1	13.7	17.1	15.5	13.0	12.4	16.5	21.3	24.1	24.1	23.0	20.8	20.0	19.9	20.0	18.2
Mean	17.8	17.0	16.6	16.0	14.9	15.2	15.2	15.6	15.8	15.1	15.1	15.1	14.1	13.3	14.0	17.0	20.9	23.9	24.6	24.0	22.3	21.3	20.4	18.6	17.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 39 Agincourt (Z) 56,000 γ + October 1956

Day \ Hour 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	Mean
1	220	219	220	224	209	215	218	218	215	211	207	204	201	194	198	210	215	221	228	231	236	230	237	243	218
2 D	239	237	225	221	218	207	145	154	101	089	159	191	186	167	179	192	207	214	226	238	245	242	242	244	199
3	242	239	230	213	215	218	209	198	177	178	201	210	209	207	207	206	216	231	257	251	234	221	225	233	218
4	231	230	226	224	221	219	216	203	204	201	207	215	218	216	212	211	211	215	221	222	227	233	226	221	218
5	219	217	218	218	216	216	213	190	114	140	197	214	218	219	218	216	210	212	221	227	224	221	218	221	208
6	225	228	225	224	227	228	222	218	218	213	209	213	215	218	225	224	218	215	219	225	227	225	225	228	221
7	225	224	227	221	219	219	216	218	210	206	212	219	219	214	212	209	213	219	227	233	231	226	224	224	219
8	228	224	221	218	214	201	209	209	215	216	218	221	222	222	222	221	219	218	219	224	226	229	225	222	219
9	221	224	218	219	219	218	216	215	206	192	200	212	218	221	220	214	212	209	215	215	219	219	222	221	215
10	219	220	216	216	215	214	215	215	215	215	215	218	218	217	213	207	210	213	213	214	216	218	218	216	215
11	215	215	215	213	207	212	213	213	213	209	207	209	212	215	216	210	206	206	208	214	215	216	218	216	212
12	215	214	214	213	213	214	214	213	213	213	212	212	213	213	215	212	210	212	213	215	219	219	221	220	214
13 Q	219	218	215	213	213	213	213	212	212	212	212	213	215	216	216	209	207	209	212	212	214	212	214	213	213
14 Q	213	213	213	215	216	215	215	214	212	212	212	213	214	214	213	210	209	209	209	210	213	214	215	214	213
15 Q	212	212	210	210	209	209	210	210	210	210	209	211	212	212	209	197	197	203	210	215	215	213	213	212	210
16	209	210	210	210	209	209	209	203	186	188	197	205	209	210	212	206	201	204	210	212	212	212	212	212	206
17 Q	212	210	209	210	210	212	212	210	212	210	208	209	211	208	203	198	195	196	203	206	208	207	207	209	207
18	209	208	208	207	206	209	210	210	209	209	208	209	209	207	203	195	196	197	198	203	204	206	206	206	206
19	206	204	204	206	199	203	201	197	207	209	208	212	208	205	203	204	207	211	210	212	213	212	209	207	207
20 D	208	209	209	214	204	158	168	179	162	097	129	150	179	180	186	204	216	249	274	285	285	275	292	276	208
21 D	286	258	257	215	162	205	213	204	131	161	160	176	179	194	207	207	214	225	231	242	248	245	245	239	213
22	233	231	227	213	207	209	214	217	218	219	219	221	221	216	210	209	213	215	219	222	229	236	239	239	221
23	239	232	197	212	218	219	202	209	212	211	209	209	215	218	213	210	213	218	220	220	225	234	236	230	217
24	225	221	221	221	216	207	212	215	216	215	215	216	218	216	209	205	209	212	215	218	218	218	216	215	215
25 Q	215	215	215	216	214	213	204	209	212	213	213	216	215	215	215	212	207	206	209	214	215	215	215	215	213
26 D	215	215	218	213	201	185	200	215	216	216	215	215	215	214	210	204	195	203	210	240	292	321	369	386	233
27 D	345	318	290	253	178	171	230	213	171	201	213	219	212	218	230	230	228	237	252	255	257	246	257	249	236
28	242	234	236	236	233	216	189	152	162	143	134	180	182	213	224	224	225	230	233	237	233	230	231	231	210
29	230	227	223	226	221	213	215	219	216	207	191	201	215	219	221	218	222	225	230	234	232	233	230	228	221
30	226	225	225	226	225	225	221	213	201	209	204	206	204	204	209	206	212	221	227	231	233	228	227	225	218
31	222	221	221	221	221	221	220	219	215	210	207	213	214	215	212	212	212	219	222	226	226	224	221	224	218
Mean	228	225	221	218	211	210	209	206	196	195	200	208	210	210	211	209	210	215	221	226	229	228	231	230	215

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 40 Agincourt — October 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	09	56	649	15	10	574	75	16	36	28.0	04	33	6.8	21.2	23	54	255	13	18	193	62
2 D	19	38	668	08	25	565	103	14	20	31.4	01	12	2.6	28.8	01	11	257	09	21	63	194
3	22	17	629	17	49	575	54	17	55	27.5	03	45	9.5	18.0	18	45	264	09	00	165	99
4	09	50	642	14	58	579	63	09	30	24.4	13	33	9.0	15.4	21	32	237	07	50	194	43
5	19	56	665	08	54	567	98	18	07	29.1	09	27	-0.2	29.3	19	56	232	08	35	86	146
6	23	05	651	13	46	541	110	18	33	29.4	13	37	2.1	27.3	23	18	234	10	32	144	90
7	20	05	655	15	45	560	95	19	15	31.4	13	11	4.6	26.8	19	59	239	09	15	200	39
8	20	00	656	15	45	569	87	21	07	27.4	00	57	7.1	20.3	21	07	237	05	27	194	43
9	20	50	666	16	11	570	96	18	48	26.7	14	07	6.4	20.3	01	55	227	09	07	188	39
10	22	43	649	15	52	583	66	18	26	24.9	14	12	8.8	16.1	01	22	222	15	52	206	16
11	03	06	657	16	28	592	65	20	15	23.5	14	02	10.7	12.8	22	40	221	16	45	203	18
12	05	12	651	17	05	594	57	20	18	22.5	15	20	7.9	14.6	22	00	222	17	05	209	13
13 Q	23	06	652	16	04	593	59	19	24	22.1	14	10	10.5	11.6	00	18	221	16	25	206	15
14 Q	00	10	649	15	26	585	64	21	20	21.2	13	56	10.2	11.0	04	30	216	16	45	207	9
15 Q	22	43	653	15	50	587	66	19	52	23.8	14	40	10.3	13.5	20	03	217	15	51	194	23
16	01	50	653	16	13	577	76	18	32	23.1	14	20	9.1	14.0	23	20	213	08	51	183	30
17 Q	01	52	655	15	31	580	75	17	55	24.4	14	25	9.9	14.5	06	41	213	16	57	194	19
18	23	55	658	15	25	574	84	18	12	24.2	13	51	8.7	15.5	06	10	212	18	03	194	18
19	00	28	660	16	20	575	85	18	07	25.6	14	06	7.8	17.8	21	14	214	07	00	192	22
20 D	01	31	656	17	04	518	138	18	49	29.4	07	30	2.7	26.7	22	46	314	09	30	76	238
21 D	11	30	632	04	37	517	115	04	25	37.0	04	00	3.2	33.8	00	40	307	04	22	95	212
22	09	57	622	16	00	550	72	17	13	29.0	03	34	4.5	24.5	23	26	242	03	52	197	45
23	10	22	626	16	32	565	61	17	28	25.0	02	40	4.9	20.1	00	17	239	02	42	176	63
24	23	04	642	15	58	573	69	19	37	23.1	04	21	8.8	14.3	00	28	227	05	18	203	24
25 Q	06	02	652	16	09	577	75	19	09	22.2	14	19	9.6	12.6	03	40	217	06	15	200	17
26 D	23	28	716	14	59	560	156	22	23	37.2	13	40	4.2	33.0	23	05	426	05	28	179	247
27 D	00	04	670	04	39	466	204	07	58	34.0	05	01	-13.9	47.9	00	05	407	05	05	93	314
28	22	04	618	06	09	522	96	09	02	33.0	05	25	10.2	22.8	00	12	246	11	18	77	169
29	05	16	624	15	38	563	61	17	45	27.6	11	23	12.0	15.6	21	10	237	10	35	187	50
30	12	30	641	17	15	563	78	18	29	25.1	12	51	11.4	13.7	20	20	234	08	15	192	42
31	11	01	634	06	20	575	59	17	50	24.6	14	45	9.3	15.3	19	11	227	09	48	204	23
Mean			650			564	86			27.0			6.7	20.3			248			171	77
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 1956

Day \ Hour 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	Mean
1	602	611	616	620	621	613	615	624	626	629	629	629	616	594	573	575	569	591	608	619	632	630	635	632	613
2	640	639	636	632	632	637	637	638	642	639	633	632	628	609	585	570	580	596	614	625	636	649	641	651	626
3	615	631	629	625	622	624	625	621	624	614	620	625	617	596	578	563	568	578	585	608	616	625	633	636	612
4	629	625	630	632	628	630	629	638	631	630	630	628	617	595	569	553	561	576	592	610	624	633	641	633	615
5 Q	633	638	638	637	635	635	633	635	635	638	637	633	622	604	585	574	572	582	596	615	626	635	640	641	622
6	646	645	646	640	637	638	635	636	637	639	637	633	628	609	589	572	571	589	606	621	628	625	638	636	624
7 Q	624	635	636	638	637	636	635	634	635	638	636	636	622	600	579	572	569	577	596	607	623	639	644	640	620
8 Q	641	645	645	645	642	642	643	642	640	640	641	639	628	615	602	585	581	584	597	614	633	645	649	649	629
9	650	650	650	651	649	647	646	645	644	644	645	642	636	624	604	580	577	593	607	621	661	670	680	682	637
10 D	661	658	669	585	590	582	552	544	515	577	581	600	596	553	570	578	546	530	555	572	587	588	611	590	583
11 D	612	617	562	580	530	441	475	419	405	417	549	562	557	550	542	554	561	557	567	562	604	647	615	617	546
12	582	571	573	575	577	585	585	573	580	579	590	588	544	554	560	537	531	559	598	562	559	575	581	570	570
13	562	565	574	577	580	587	587	590	593	593	593	588	582	580	570	565	565	568	577	582	589	598	601	591	581
14 D	599	600	604	585	566	576	535	510	514	571	612	602	596	588	586	579	560	561	599	620	732	689	723	774	603
15 D	625	531	550	509	449	495	469	353	078	263	192	408	567	576	591	579	588	588	589	578	592	599	596	584	498
16 D	577	584	586	569	548	599	528	505	513	574	589	582	601	596	588	577	573	583	587	602	614	599	599	602	578
17	611	611	613	611	606	604	603	597	597	599	606	609	594	589	577	574	571	574	586	588	591	608	599	603	597
18	592	595	589	587	574	564	567	574	590	605	605	604	597	583	578	575	570	575	587	592	603	613	617	615	590
19 Q	618	618	617	615	614	618	621	623	625	625	623	623	614	599	590	585	581	582	593	611	618	624	626	629	612
20	629	630	628	628	629	630	630	631	630	630	630	632	623	608	570	560	591	590	592	607	614	617	623	629	616
21	609	609	613	613	604	605	588	582	574	565	609	624	615	608	591	573	574	573	586	593	610	626	610	588	598
22	608	610	616	614	616	624	619	610	612	615	624	627	606	606	600	579	571	580	593	616	642	629	610	599	610
23	588	587	598	586	584	574	566	582	602	601	591	601	592	576	573	562	553	550	573	587	597	602	600	597	584
24	597	601	602	606	611	611	613	616	615	616	614	611	611	600	580	577	563	557	577	591	602	605	605	610	600
25	611	608	605	610	608	607	605	604	597	597	609	612	600	533	590	598	586	575	578	591	602	614	625	618	599
26 Q	613	606	618	622	622	619	617	618	618	619	618	618	613	604	590	587	585	584	586	605	611	621	629	631	611
27	631	632	632	630	629	623	619	617	615	611	616	616	611	601	593	590	586	595	614	623	621	621	627	652	617
28	646	615	608	600	595	603	598	591	595	602	612	613	611	605	601	595	595	600	611	612	621	623	622	621	606
29	623	627	624	622	619	621	622	629	627	629	627	627	627	623	615	608	598	591	581	596	619	624	621	630	618
30	633	635	629	617	624	617	618	619	619	622	619	627	622	616	608	604	606	612	621	627	632	629	629	630	621
31																									
Mean	617	614	615	609	603	603	597	590	581	594	601	609	606	593	584	576	573	578	592	602	618	623	626	626	601

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 42 Agincourt (D) West 7° + ... ′ November 1956

Day \ Hour 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	Mean
1	18.9	18.9	15.6	09.3	14.3	16.0	15.2	14.8	15.8	15.4	15.3	15.0	12.1	09.6	11.5	16.2	21.0	23.9	23.3	23.4	22.9	22.1	21.7	20.3	17.2
2	19.1	18.3	18.0	17.9	17.6	17.2	17.1	16.5	15.7	14.8	13.1	15.2	13.7	10.2	10.0	12.9	22.0	24.4	24.9	23.1	22.3	21.6	21.6	23.0	17.9
3	20.6	16.1	16.0	16.0	14.7	13.2	17.5	14.1	15.8	18.3	16.8	13.0	13.4	09.3	11.6	14.7	19.7	24.8	26.8	26.3	25.2	23.0	19.7	19.7	17.8
4	20.2	16.2	14.4	15.8	17.5	17.0	18.8	17.9	14.5	14.6	15.6	14.6	12.3	10.1	09.1	14.0	17.5	22.6	24.6	24.3	22.1	20.9	20.0	19.1	17.2
5 Q	18.4	18.1	17.2	16.6	16.6	18.0	17.3	16.6	16.2	16.1	15.7	14.9	13.5	12.1	12.4	15.7	20.2	24.0	24.8	23.2	22.2	21.3	21.4	19.9	18.0
6	18.1	17.1	17.2	15.4	13.0	16.5	15.8	15.3	18.1	14.7	13.1	12.3	12.5	09.1	07.9	12.3	21.0	25.0	25.2	25.0	24.8	22.5	21.3	23.0	17.3
7 Q	18.1	17.1	17.1	13.4	15.7	17.2	16.1	16.0	16.1	16.2	15.7	15.2	12.6	08.9	08.9	13.4	18.1	23.1	25.4	25.4	23.5	21.7	20.4	19.5	17.3
8 Q	18.5	17.9	17.7	17.2	16.1	16.5	15.3	14.3	14.9	14.9	14.9	14.8	13.8	10.8	12.5	14.9	18.9	22.5	24.5	24.7	23.8	21.7	20.0	19.5	17.5
9	18.4	17.6	17.1	17.7	17.2	16.3	16.2	15.5	15.2	15.1	14.4	13.8	13.1	11.1	09.0	12.0	17.3	23.0	25.9	25.5	24.4	23.9	21.3	21.3	17.6
10 D	22.0	17.1	08.8	08.5	13.4	17.6	17.3	09.8	17.1	18.5	24.2	27.6	23.5	18.1	30.6	24.2	19.9	27.2	29.6	26.6	24.5	22.6	25.5	26.2	20.8
11 D	23.5	07.5	10.8	15.0	19.0	45.4	11.1	12.5	03.8	15.4	25.3	17.6	14.2	17.1	19.0	20.8	20.3	23.6	26.9	28.1	26.4	24.1	26.4	19.2	19.4
12	14.3	16.4	16.7	15.5	15.8	17.2	19.0	19.4	07.5	11.4	14.1	15.8	20.4	33.7	28.1	20.3	27.2	28.1	25.3	30.6	26.7	22.7	20.4	17.5	20.2
13	17.1	08.8	16.2	17.0	17.0	18.0	18.4	18.4	18.5	18.1	18.9	20.8	21.8	17.2	13.5	14.8	18.5	22.6	24.1	24.0	23.1	22.1	21.3	20.8	18.8
14 D	19.8	19.3	19.9	17.7	09.8	21.3	18.0	19.8	23.0	13.1	15.0	17.6	17.2	21.1	20.1	19.3	18.8	23.6	24.5	22.3	14.0	19.9	21.8	13.8	18.8
15 D	21.7	19.0	15.2	18.5	28.9	24.7	31.0	46.9	60.1	69.3	46.3	39.9	25.0	19.0	25.1	21.5	22.6	23.0	20.4	20.4	19.5	20.7	21.2	21.2	27.9
16 D	17.2	15.4	17.2	08.5	05.5	25.4	18.9	22.7	30.1	15.7	11.8	15.2	14.0	13.9	16.2	19.5	22.9	24.7	25.7	25.7	21.5	23.0	22.6	20.8	18.9
17	18.4	18.0	19.0	18.9	18.5	17.5	16.4	19.6	20.3	14.4	14.0	13.6	14.0	15.9	18.5	22.5	24.0	26.3	24.7	23.2	22.1	20.8	21.7	24.4	19.5
18	15.6	20.5	17.1	13.9	18.1	14.9	18.5	19.0	16.1	15.9	16.0	16.8	16.6	16.0	15.0	17.3	18.9	20.7	22.7	23.1	22.7	20.3	19.0	18.9	18.1
19 Q	18.5	18.1	18.0	18.4	18.0	18.4	18.4	18.0	17.5	16.5	16.1	15.3	13.9	12.5	14.5	15.3	19.0	22.1	23.2	23.1	21.6	19.9	18.9	18.2	18.1
20	18.0	17.1	17.1	17.5	16.8	17.5	17.9	17.9	17.2	19.9	14.9	13.9	11.5	12.1	14.4	23.5	26.7	24.3	25.3	25.1	22.2	21.2	19.9	20.7	18.9
21	19.4	19.2	13.9	18.4	13.9	16.5	18.0	19.4	22.6	14.4	12.5	20.4	21.7	18.4	15.1	16.1	20.8	24.0	24.1	25.9	24.4	23.0	21.9	18.5	19.3
22	17.2	15.2	15.9	16.9	16.2	19.5	16.8	17.1	17.6	23.1	16.1	15.0	25.4	28.5	24.0	21.5	23.9	25.3	28.7	30.7	28.6	27.1	21.1	15.7	21.1
23	16.5	13.4	10.8	13.4	13.4	14.1	14.0	13.5	15.8	14.3	24.9	30.5	31.4	22.1	24.9	20.8	22.2	27.2	29.6	26.7	24.1	23.1	20.7	18.7	20.3
24	17.7	16.5	17.6	17.6	16.7	16.5	17.5	17.2	17.0	16.1	15.8	17.9	15.2	13.5	14.1	16.6	19.8	23.2	26.6	25.9	24.8	24.5	22.3	20.4	18.8
25	19.2	18.1	18.0	18.3	17.6	17.1	18.2	21.2	12.0	13.4	12.5	13.9	16.6	25.3	27.6	22.1	22.0	23.1	24.0	24.1	23.5	22.3	20.8	20.3	19.6
26 Q	18.9	13.5	20.7	17.6	17.3	17.5	17.6	17.2	16.9	16.2	16.2	15.9	15.7	14.5	14.5	16.2	18.1	21.3	23.5	23.5	22.7	21.8	20.4	19.1	18.2
27	18.6	18.1	17.5	17.6	17.6	16.2	16.1	16.1	15.0	14.3	15.1	15.6	15.5	14.9	14.8	17.1	19.2	22.0	22.2	22.8	23.1	24.7	27.7	23.5	18.6
28	22.6	21.3	17.3	17.1	15.2	17.2	15.2	13.8	15.2	15.8	15.0	15.3	15.8	17.2	17.6	19.4	21.7	23.5	23.5	23.0	22.2	21.4	20.5	19.8	18.6
29	18.7	18.0	17.7	17.6	16.7	17.1	15.8	16.1	15.8	15.1	15.3	15.5	15.0	14.6	14.1	14.3	16.2	18.4	22.6	23.6	23.5	23.8	20.5	22.3	17.8
30	18.9	18.4	16.7	16.7	16.1	16.6	15.7	15.8	15.7	15.8	16.1	17.1	16.1	15.2	13.4	15.2	17.4	18.9	21.3	21.8	21.7	21.3	20.4	19.5	17.6
31																									
Mean	18.8	16.9	16.4	16.0	16.1	18.5	17.3	17.3	17.6	17.6	17.0	17.3	16.6	15.7	16.3	17.5	20.5	23.6	24.8	24.7	23.1	22.3	21.4	20.2	18.9

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 43 Agincourt (Z) 56,000 γ + November 1956

Day \ Hour 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	Mean
1	229	231	226	213	204	215	218	219	217	215	214	214	212	210	210	204	203	207	209	213	218	217	215	214	214
2	215	214	212	212	212	212	212	213	212	210	206	210	212	213	211	209	212	212	215	216	218	217	214	221	213
3	244	225	218	218	217	209	209	212	213	192	174	192	205	211	215	219	217	217	217	222	223	222	220	221	213
4	223	225	217	217	214	213	210	198	202	213	215	216	219	219	216	213	210	213	217	219	216	214	216	215	215
5 Q	215	214	213	213	213	211	213	211	210	211	211	210	213	211	210	205	210	214	217	219	219	216	215	214	213
6	214	213	213	211	205	208	211	211	208	203	208	211	215	216	214	211	217	219	218	221	226	217	217	223	214
7 Q	226	221	218	214	212	215	214	213	214	214	213	214	216	216	212	209	205	209	211	212	216	217	214	211	214
8 Q	211	211	210	210	210	209	199	203	210	211	210	210	211	210	205	196	196	199	203	208	212	212	212	209	207
9	211	212	213	212	212	212	212	211	210	210	209	209	212	209	204	200	206	211	212	215	221	216	213	220	211
10 D	241	257	324	242	223	201	146	140	114	158	146	125	162	170	179	188	201	219	242	257	240	229	255	315	207
11 D	307	260	223	274	212	180	089	156	122	117	185	210	218	221	224	230	231	243	260	267	283	336	324	289	228
12	302	267	247	239	236	230	227	209	156	198	215	219	198	210	204	233	252	277	309	274	255	242	245	254	237
13	258	222	220	236	235	236	234	231	229	225	225	219	216	220	224	224	223	226	229	232	231	231	229	228	228
14 D	226	226	205	214	209	100	175	172	118	139	169	187	210	217	211	217	225	231	246	265	364	363	427	421	231
15 D	327	258	243	202	183	160	109	108	-103	-224	-055	035	208	238	237	235	240	240	244	247	247	243	250	258	172
16 D	261	198	225	219	170	277	226	211	156	135	170	213	231	234	234	232	237	241	248	256	256	247	243	237	223
17	237	234	231	229	229	227	226	217	195	217	225	226	225	223	218	225	231	241	242	243	246	249	244	246	230
18	253	225	237	226	228	222	219	208	214	227	222	225	225	229	230	226	226	228	231	229	229	229	228	225	227
19 Q	225	225	223	223	222	222	222	223	222	220	220	222	223	224	225	222	222	225	227	228	226	225	222	222	223
20	221	220	220	219	220	220	219	217	216	212	210	214	219	221	221	224	219	213	222	225	226	225	223	228	220
21	236	245	238	205	220	223	222	165	175	147	157	175	187	202	218	220	223	224	234	243	244	243	249	258	215
22	240	236	231	228	226	220	213	211	205	204	205	210	205	193	198	192	208	224	235	249	259	289	319	355	231
23	306	283	247	246	231	225	193	195	213	210	169	151	177	205	217	217	224	230	232	241	237	232	231	232	223
24	230	228	226	225	225	224	223	223	223	220	218	219	219	216	214	216	220	223	225	225	228	229	229	228	223
25	229	231	229	228	225	225	216	196	194	202	194	207	216	205	214	198	206	213	220	220	224	223	222	221	215
26 Q	223	228	235	229	223	220	219	219	220	219	218	218	219	220	217	215	214	217	220	220	220	222	220	220	221
27	219	219	220	220	222	223	223	222	222	222	220	219	219	220	217	212	214	219	220	225	225	228	235	307	225
28	319	315	259	237	229	227	220	216	204	193	202	213	217	219	214	211	212	216	220	220	219	219	219	219	227
29	218	219	219	220	222	220	222	223	220	219	217	217	216	214	216	211	208	211	217	220	224	225	225	225	219
30	225	222	223	229	228	228	222	219	218	218	214	214	211	212	208	202	205	207	213	214	216	217	217	216	217
31																									
Mean	243	233	229	224	217	214	205	202	188	185	194	201	211	214	215	214	217	222	229	232	236	236	240	245	219

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 44 Agincourt — November 1956

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° West +			Minimum 7° West +			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	20	42	644	16	23	563	81	20	08	24.6	14	09	6.8	17.8	01	15	232	16	10	197	35
2	21	24	668	15	32	563	105	23	59	27.2	14	46	7.3	19.9	23	58	227	10	26	204	23
3	00	01	656	15	03	560	96	00	12	33.5	13	35	5.9	27.6	00	25	261	10	40	165	96
4	07	48	649	16	02	551	98	18	47	25.5	14	47	8.0	17.5	01	14	226	07	42	192	34
5 Q	23	44	646	16	43	570	76	18	02	25.4	13	24	11.5	13.9	19	15	220	15	20	204	16
6	23	28	654	15	59	567	87	23	49	26.8	14	15	6.1	20.7	20	39	229	04	58	199	30
7 Q	22	22	645	16	11	569	76	18	56	26.1	14	00	6.8	19.3	00	05	230	16	10	205	25
8 Q	21	50	655	17	02	579	76	18	38	25.3	13	37	8.4	16.9	21	16	214	15	50	193	21
9	20	32	721	16	13	570	151	18	48	26.9	14	54	8.2	18.7	20	40	240	15	18	200	40
10 D	02	47	696	08	32	469	227	23	50	38.0	02	45	-1.3	39.3	02	37	377	06	56	24	353
11 D	01	12	728	05	42	257	471	05	11	91.2	06	13	-18.4	109.6	23	38	393	05	47	-8	401
12	00	34	648	13	00	489	159	14	04	42.0	08	39	0.4	41.6	00	23	341	08	08	146	195
13	21	42	606	01	21	545	61	02	14	26.3	02	43	-1.3	27.6	00	04	263	02	08	175	88
14 D	23	33	942	07	59	461	481	05	18	44.5	04	57	-23.8	68.3	23	08	482	08	42	63	419
15 D	00	05	760	08	28	-239	999	08	44	96.6	02	38	-3.2	99.8	00	03	416	10	02	-348	764
16 D	01	18	633	07	11	446	187	08	34	47.6	01	13	-13.7	61.3	05	27	306	04	40	72	234
17	02	20	617	16	35	562	55	17	32	27.3	11	28	12.1	15.2	23	58	255	08	18	187	68
18	01	02	624	06	17	550	74	00	02	27.2	00	53	-7.3	34.5	00	48	271	07	29	199	72
19 Q	23	54	631	16	58	575	56	18	18	23.7	13	25	11.0	12.7	19	10	229	16	11	219	10
20	23	13	635	15	07	548	87	16	07	28.4	12	47	6.2	22.2	23	36	230	09	53	205	25
21	21	47	629	09	48	554	75	07	08	30.9	10	08	4.9	26.0	23	18	264	09	06	137	127
22	21	05	664	16	12	565	99	12	48	36.0	23	53	8.9	27.1	23	47	466	13	20	187	279
23	02	32	615	17	18	543	72	12	23	33.6	02	12	7.0	26.6	00	01	346	10	58	136	210
24	09	17	617	17	20	551	66	18	48	28.2	13	55	10.3	17.9	21	48	231	15	38	212	19
25	14	47	630	13	35	375	255	14	05	42.0	13	17	9.3	32.7	01	20	234	13	34	156	78
26 Q	23	59	633	16	37	582	51	19	04	24.4	01	34	10.9	13.5	02	38	238	15	40	211	27
27	23	44	713	16	18	582	131	22	54	29.1	09	01	13.7	15.4	23	44	421	15	45	210	211
28	00	47	674	06	50	585	89	00	48	37.8	06	53	12.4	25.4	00	55	369	09	18	189	180
29	22	49	635	18	41	556	79	18	40	25.1	14	37	11.5	13.6	22	34	228	16	20	205	23
30	08	33	643	14	58	597	46	19	25	23.5	15	05	10.1	13.4	04	21	235	15	07	200	35
31																					
Mean			664			508	156			34.8			4.3	30.5			289			151	138
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 1956

Day \ Hour 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	Mean
1	630	627	624	627	627	627	627	629	629	629	628	624	622	613	601	598	601	603	609	617	622	628	637	641	622
2	619	612	610	612	616	617	619	626	625	623	621	624	622	616	602	584	567	573	596	614	627	632	633	634	613
3	633	625	627	628	628	623	629	632	634	630	630	629	628	618	604	585	587	595	604	618	615	630	633	634	620
4	635	630	623	633	628	631	631	631	633	636	635	633	627	615	606	597	585	592	603	620	630	631	634	642	623
5	646	633	633	631	623	622	625	623	623	629	630	628	620	603	586	576	580	594	604	614	622	628	633	635	618
6	634	634	630	633	633	630	632	634	636	634	636	631	626	615	598	588	593	601	613	623	624	624	637	639	624
7	634	632	633	634	637	639	639	637	642	643	647	647	640	631	617	602	586	583	598	614	628	631	637	633	628
8	642	640	638	631	633	637	632	632	623	625	644	639	629	629	619	604	601	604	609	614	610	625	632	630	626
9	631	631	630	630	633	633	632	635	640	639	639	636	633	624	620	617	608	605	612	619	622	629	632	627	627
10 D	620	616	628	606	594	597	587	591	579	591	596	610	627	621	589	587	604	600	599	612	631	648	622	629	608
11 Q	625	625	625	624	623	622	624	627	628	630	632	633	630	623	617	606	601	600	601	607	622	631	636	637	622
12	636	635	635	635	636	636	637	635	635	637	642	639	635	631	621	599	586	591	600	597	604	620	634	631	624
13 D	616	613	606	601	597	606	600	594	613	625	634	628	626	618	603	605	616	607	606	613	618	623	622	618	613
14	611	610	608	606	614	621	633	631	631	631	631	633	627	626	623	610	607	597	597	606	613	616	617	618	617
15 Q	618	621	616	616	618	618	622	622	627	631	632	633	631	627	622	614	609	607	613	613	618	628	634	634	622
16 Q	631	626	627	631	628	624	626	631	632	636	636	637	636	632	629	621	614	612	616	620	626	634	637	636	628
17 Q	636	633	633	633	632	631	628	628	633	636	636	638	637	633	620	600	590	600	615	626	639	649	647	646	629
18	644	645	644	643	639	637	636	634	633	631	636	640	641	638	641	639	628	626	628	631	633	644	646	646	638
19	641	640	640	640	641	641	642	644	643	641	638	639	638	628	616	608	603	605	610	622	631	633	636	633	631
20	632	636	634	633	628	628	634	638	640	639	650	650	643	636	623	613	608	611	625	634	637	643	644	644	633
21 Q	639	637	637	634	637	641	645	650	650	651	654	652	649	647	641	630	623	628	637	644	654	654	655	652	643
22	650	642	637	631	628	625	636	645	647	650	658	654	647	644	641	633	621	613	618	626	644	656	657	655	640
23	652	651	649	648	645	647	647	649	651	651	649	650	655	647	635	618	610	604	608	618	632	647	651	647	640
24	650	656	660	655	655	644	643	644	650	651	651	652	656	657	644	631	616	608	614	625	641	653	655	656	645
25 D	655	660	656	652	647	640	639	641	639	634	640	640	638	647	624	623	608	593	593	608	637	627	635	639	634
26	639	624	618	619	626	599	598	597	610	627	631	635	637	629	615	601	594	596	601	610	619	633	639	640	618
27	638	638	637	638	639	636	635	631	630	631	629	637	635	634	625	609	598	586	596	612	615	633	633	634	626
28 D	636	622	626	632	635	635	639	625	626	636	636	639	619	599	622	632	604	591	598	609	629	641	641	639	625
29	632	633	618	624	626	629	627	627	627	627	634	637	629	619	608	601	598	598	605	614	617	627	634	641	622
30 D	634	634	635	634	632	632	634	609	618	615	629	635	629	622	614	604	589	592	600	609	621	633	634	632	622
31	634	626	622	625	624	627	629	632	633	637	639	637	635	635	635	618	611	615	621	629	636	648	651	648	631
Mean	635	632	630	629	629	628	629	629	631	633	636	637	634	628	618	608	602	601	608	617	626	635	638	638	626

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 46 Agincourt (D) West 7° + ... ′ December 1956

Day \ Hour 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	Mean
1	18.7	18.5	17.6	17.5	17.7	17.2	16.6	16.6	16.1	15.2	15.2	15.5	15.4	13.0	14.3	16.6	19.5	21.2	21.8	22.1	21.9	21.4	19.4	21.8	18.0
2	25.3	17.6	17.6	17.2	17.1	17.1	17.0	17.1	16.0	18.4	18.1	14.8	15.0	13.9	11.6	14.8	19.9	24.4	25.8	24.9	23.5	23.1	20.8	19.4	18.8
3	19.7	17.1	15.7	14.9	15.5	15.8	15.1	15.8	16.0	14.5	16.0	18.9	18.5	14.7	13.3	16.4	20.2	24.1	25.3	25.2	25.7	23.1	20.4	19.4	18.4
4	18.8	16.6	14.4	15.6	15.8	17.0	17.0	18.0	18.0	16.1	15.1	14.8	15.6	13.8	13.8	15.3	19.0	23.9	24.9	24.4	23.2	20.6	18.8	18.8	17.9
5	18.0	15.3	16.4	17.0	17.4	18.0	17.8	16.8	17.1	15.1	14.7	14.7	14.6	14.0	12.5	17.4	23.0	28.0	26.3	24.4	23.4	21.2	19.4	18.3	18.4
6	18.3	17.4	14.8	13.8	17.4	18.0	17.0	17.9	16.5	15.5	15.6	15.0	13.8	11.2	13.4	19.6	21.2	24.3	25.9	26.1	25.2	21.2	22.1	19.7	18.4
7	18.0	16.1	16.0	15.5	15.0	15.6	16.4	16.2	16.4	15.1	15.2	14.6	14.1	13.3	11.4	15.0	19.7	24.3	25.1	23.5	22.2	20.3	19.2	17.0	17.3
8	16.1	16.4	16.1	16.9	15.6	18.2	21.6	22.8	13.5	16.4	25.6	19.7	20.3	17.4	14.3	14.5	16.5	19.6	22.0	23.5	24.0	21.6	20.3	20.1	18.9
9	18.2	17.0	16.4	15.4	16.1	16.3	16.9	18.0	20.2	15.5	13.3	14.7	14.2	15.4	13.4	14.1	15.9	19.8	21.9	22.8	22.5	21.6	20.2	20.2	17.5
10 D	21.6	16.0	14.2	17.0	12.7	14.8	12.3	12.3	11.3	07.2	10.8	15.6	14.5	12.7	10.8	18.8	22.4	22.5	23.9	23.7	22.6	22.1	24.5	23.8	17.0
11 Q	19.1	15.7	15.1	15.1	15.6	16.0	16.3	16.5	17.0	17.0	16.6	16.0	15.5	14.5	13.6	14.6	16.5	19.6	21.5	21.4	21.0	19.7	18.5	18.1	17.1
12	17.5	16.9	16.7	16.0	16.0	16.4	16.8	16.9	17.4	17.8	16.7	15.0	14.0	13.1	13.1	13.1	17.3	22.0	24.0	27.9	26.6	26.4	27.2	29.3	18.9
13 D	17.8	17.8	16.2	15.7	11.3	13.1	13.6	12.5	13.2	11.7	15.8	16.6	22.8	20.4	18.2	21.5	19.7	19.2	20.9	22.9	22.4	22.2	20.1	19.1	17.7
14	20.0	17.9	16.3	15.3	16.8	15.4	15.1	15.8	16.6	17.8	16.8	16.4	15.0	13.7	13.6	15.0	16.9	20.0	21.8	22.8	22.4	22.4	21.8	20.5	17.8
15 Q	19.2	17.7	16.4	16.8	16.8	15.7	15.9	16.9	18.0	16.9	15.4	15.8	15.6	14.5	13.6	13.7	14.6	17.6	20.3	21.4	21.3	20.5	19.1	18.3	17.2
16 Q	18.3	18.9	18.1	19.2	17.9	17.3	16.4	14.9	15.6	15.9	16.0	15.4	16.0	15.2	15.2	14.5	15.5	17.3	18.8	20.4	20.2	19.1	18.1	18.7	17.2
17 Q	18.5	17.8	17.9	18.0	17.2	16.6	16.0	15.2	14.7	14.9	14.4	15.3	14.5	13.5	13.6	14.3	16.8	20.6	22.7	22.8	21.4	19.5	18.4	17.7	17.2
18	17.8	17.3	17.3	16.8	16.1	16.8	16.8	15.7	15.0	14.9	15.7	13.3	13.5	13.1	19.0	16.0	17.7	20.3	21.3	20.8	20.1	19.6	18.6	18.0	17.1
19	17.1	16.8	16.2	16.1	16.6	16.8	16.8	16.4	16.2	15.8	16.2	16.1	15.2	14.1	13.3	14.0	16.1	18.4	20.9	21.9	22.7	20.4	19.5	19.0	17.2
20	16.2	16.6	15.8	16.3	16.7	16.7	16.7	17.2	16.7	15.4	17.0	15.4	16.8	15.0	14.1	15.2	19.5	22.6	23.7	22.6	20.9	19.1	17.8	17.6	17.6
21 Q	16.7	15.7	15.6	15.4	15.0	15.8	16.6	16.7	16.4	15.9	15.7	15.7	14.5	13.4	12.5	13.5	16.1	18.0	19.8	19.1	19.0	18.0	17.5	16.8	16.2
22	16.9	16.2	15.4	16.6	15.4	14.9	15.1	16.7	15.5	18.1	15.1	14.8	14.0	15.3	15.2	13.3	14.8	17.4	20.3	21.2	20.7	19.3	17.5	17.1	16.5
23	16.7	15.9	15.7	15.6	15.7	16.1	16.2	15.7	16.4	14.8	14.4	16.7	15.8	13.8	13.1	12.3	14.3	18.4	21.6	23.6	24.4	22.0	21.2	19.8	17.1
24	18.5	15.9	17.6	15.0	13.7	13.3	14.4	16.1	16.6	15.4	14.9	14.7	15.1	13.8	12.1	11.1	13.3	16.8	20.2	23.1	22.6	20.3	19.0	17.9	16.3
25 D	16.7	15.2	15.2	14.9	15.1	14.9	14.3	16.0	14.0	15.1	13.8	13.3	20.7	16.6	10.6	13.9	14.6	18.8	26.7	26.2	25.5	25.2	22.6	20.0	17.5
26	19.1	15.4	16.7	14.9	13.3	09.2	09.7	12.4	16.4	15.1	14.4	17.0	16.6	14.3	12.3	11.4	13.0	15.6	18.7	21.2	22.1	21.4	19.7	18.5	15.8
27	18.0	17.3	16.8	16.1	16.0	16.1	16.1	14.4	15.2	14.9	15.4	17.0	15.1	15.0	14.4	14.0	15.9	17.9	25.7	27.6	26.1	22.0	20.2	19.4	17.8
28 D	17.0	16.9	16.6	17.4	16.6	16.5	16.0	14.1	15.6	15.2	15.6	15.6	16.6	20.1	22.1	21.4	19.9	22.0	20.3	21.1	19.7	18.8	18.9	18.9	18.0
29	18.9	15.3	11.7	15.6	14.3	15.1	16.0	16.4	15.6	19.3	19.7	17.8	16.4	13.2	13.0	12.3	15.2	18.9	21.6	21.9	23.0	21.1	18.5	17.5	17.0
30 D	17.8	15.9	16.6	15.3	15.9	15.9	13.5	17.8	10.7	08.7	14.3	16.5	15.3	11.5	08.6	11.7	15.1	20.1	22.1	23.0	22.7	23.3	21.5	18.8	16.4
31	18.2	17.5	16.4	14.6	15.1	16.3	16.8	17.0	17.1	17.0	16.0	14.2	15.9	13.9	12.2	13.8	16.5	19.4	21.3	22.1	21.6	20.2	18.9	18.2	17.1
Mean	18.3	16.7	16.1	16.1	15.7	15.9	15.9	16.2	15.8	15.4	15.8	15.7	15.8	14.4	13.6	14.9	17.3	20.4	22.5	23.1	22.6	21.2	20.0	19.3	17.4

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

Table 47 Agincourt (Z) 56,000 γ + December 1956

Day \ Hour 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	Mean
1	217	219	218	219	217	216	216	216	215	215	213	213	214	213	214	214	219	216	218	220	220	219	217	220	217
2	225	228	227	224	222	218	218	218	217	213	210	208	213	216	212	202	205	213	220	223	222	220	222	222	217
3	225	229	225	222	218	217	216	214	214	210	210	207	208	211	208	203	210	214	218	223	222	223	218	217	216
4	217	219	218	219	217	216	214	214	213	212	211	210	212	213	213	208	210	213	216	220	222	217	217	217	215
5	219	222	222	216	217	216	211	211	211	211	212	213	213	214	212	210	214	216	217	214	216	216	216	213	215
6	214	214	216	211	210	212	208	210	208	207	208	211	213	214	216	214	217	219	222	225	228	235	228	225	216
7	225	223	219	219	216	214	211	211	212	212	212	210	211	215	213	208	211	213	221	225	223	219	217	216	216
8	216	216	213	214	211	205	199	169	188	174	161	187	198	201	205	208	210	212	220	224	225	222	219	217	205
9	216	216	214	212	213	213	210	210	199	195	201	205	207	208	208	205	204	205	208	214	216	217	217	220	210
10 D	228	229	205	204	226	223	216	208	198	200	196	175	169	177	183	190	197	207	217	222	225	224	225	231	207
11 Q	231	226	222	219	218	218	217	217	216	217	216	213	213	213	211	207	208	208	213	219	222	220	216	213	216
12	212	212	213	213	213	213	212	212	210	199	202	207	210	210	210	207	210	213	219	222	232	241	249	266	217
13 D	247	231	234	228	223	222	216	201	138	177	200	199	193	196	208	222	216	211	213	220	224	222	219	222	212
14	225	223	222	220	217	203	201	210	212	209	195	199	208	209	207	201	196	201	207	212	217	219	218	219	210
15 Q	219	218	216	216	215	215	211	211	210	207	207	208	211	212	210	205	201	201	207	213	217	217	216	213	212
16 Q	212	213	213	213	213	214	213	209	208	209	210	210	210	210	210	210	208	208	210	215	218	218	214	212	212
17 Q	213	214	213	213	211	211	207	205	204	208	210	211	212	214	214	211	211	211	211	214	217	215	213	211	212
18	210	209	210	209	208	207	207	205	204	208	205	201	204	205	205	198	201	202	204	205	207	211	209	208	206
19	207	208	207	207	207	207	207	207	206	205	205	205	205	207	207	203	207	211	211	213	216	217	214	214	209
20	216	213	212	211	210	211	210	208	205	205	200	196	203	208	210	208	208	210	213	211	213	213	211	210	209
21 Q	208	210	210	211	210	208	207	206	207	206	205	205	205	207	205	200	199	199	202	206	208	208	205	205	206
22	205	205	207	208	208	211	211	211	208	204	198	199	201	205	210	208	204	204	210	212	213	210	207	204	207
23	205	205	206	207	206	205	205	205	204	201	199	201	201	204	205	202	201	202	206	210	213	213	210	210	205
24	212	213	220	223	215	212	210	208	208	207	205	204	205	207	207	203	204	205	210	214	214	212	209	208	210
25 D	207	208	206	207	207	207	208	208	205	205	207	196	186	183	190	193	187	193	208	217	223	219	217	220	204
26	223	234	237	232	228	220	223	205	154	186	199	207	213	216	214	213	211	211	216	219	220	219	215	211	214
27	210	211	210	210	210	211	211	211	208	210	208	204	201	205	204	200	201	216	232	235	234	230	226	223	213
28 D	222	237	235	222	216	213	212	201	212	211	210	211	210	205	195	182	187	199	210	212	216	213	212	211	211
29	212	216	216	220	219	214	213	213	210	206	199	204	208	212	213	214	214	217	220	219	216	220	217	214	214
30 D	213	213	212	211	210	210	191	181	189	186	188	169	186	199	205	204	200	201	207	214	220	222	219	217	203
31	217	217	217	214	211	211	211	210	210	208	208	207	208	207	206	195	196	202	208	213	214	213	211	208	209
Mean	217	218	217	215	214	213	210	207	203	204	204	203	205	207	207	203	205	208	213	217	219	219	217	217	211

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 48 Agincourt — December 1956

Day		Horizontal Intensity						Declination						Vertical Intensity					
		Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° West +			Minimum 7° West +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
		h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1		23	32	653	15	57	591	62	23	43	24.9	13	57	10.3	14.6	23	59	225	13	50	210	15
2		00	28	645	16	46	561	84	00	38	32.7	14	22	10.2	22.5	00	58	234	15	57	199	35
3		03	25	645	15	50	580	65	19	34	26.2	13	45	8.3	17.9	01	05	230	15	05	201	29
4		23	31	646	16	48	570	76	19	09	26.1	02	45	10.5	15.6	03	07	224	16	00	207	17
5		00	29	651	15	43	574	77	17	10	29.9	01	28	10.4	19.5	01	09	229	15	05	208	21
6		22	53	647	15	32	583	64	20	50	26.2	13	57	9.6	16.6	21	08	238	06	13	205	33
7		11	15	654	17	16	576	78	17	55	27.0	14	30	9.0	18.0	19	43	225	14	55	205	20
8		10	09	653	16	37	600	53	10	18	29.4	08	30	9.4	20.0	20	35	227	10	32	145	82
9		08	15	646	16	54	599	47	20	32	23.2	15	00	11.8	11.4	23	59	222	09	11	190	32
10	D	02	43	657	14	50	574	83	03	09	33.4	04	05	4.0	29.4	04	57	234	03	07	162	72
11	Q	23	07	638	18	57	597	41	19	23	22.3	14	30	13.3	9.0	00	05	232	16	00	205	27
12		22	55	663	17	22	581	82	23	15	34.1	13	23	10.9	23.2	23	14	267	09	40	195	72
13	D	08	17	641	07	47	590	51	12	24	25.6	08	51	5.5	20.1	00	01	260	08	32	118	142
14		06	22	636	17	55	592	44	20	34	23.2	13	33	12.6	10.6	00	20	225	10	33	187	38
15	Q	23	23	635	17	31	606	29	19	41	21.5	14	06	12.9	8.6	00	25	220	17	02	199	21
16	Q	11	17	638	17	00	611	27	20	15	20.6	07	37	14.0	6.6	21	17	220	07	40	205	15
17	Q	21	27	652	16	18	588	64	18	50	23.3	13	40	13.1	10.2	20	28	217	07	50	202	15
18		21	55	648	17	16	623	25	18	58	21.8	11	32	12.1	9.7	21	28	211	15	53	196	15
19		07	26	650	17	01	600	50	20	30	23.1	14	55	12.8	10.3	21	42	217	16	02	202	15
20		11	03	657	16	27	606	51	18	47	24.3	14	39	13.4	10.9	00	05	217	11	10	194	23
21	Q	10	37	657	16	25	620	37	18	18	20.0	14	35	11.7	8.3	02	50	212	15	45	198	14
22		10	02	660	17	23	610	50	19	17	21.3	15	19	13.1	8.2	20	55	213	10	08	195	18
23		12	10	658	17	02	602	56	19	54	24.5	15	35	12.0	12.5	21	12	215	10	41	198	17
24		02	26	674	17	13	607	67	19	55	24.4	15	05	10.1	14.3	02	55	229	15	55	201	28
25	D	01	29	663	17	41	584	79	12	45	30.0	14	45	8.6	21.4	20	33	225	13	03	175	50
26		00	32	644	08	18	588	56	08	17	24.7	05	33	5.2	19.5	04	32	259	08	47	135	124
27		21	43	670	17	48	578	92	20	01	28.9	15	12	11.5	17.4	19	48	243	16	32	194	49
28	D	06	17	678	17	28	576	102	19	02	28.7	01	55	4.6	24.1	01	54	247	15	13	181	66
29		00	01	654	17	22	591	63	20	33	24.4	02	23	6.7	17.7	18	22	223	10	12	196	27
30	D	06	33	657	16	31	582	75	21	09	24.5	09	03	6.7	17.8	21	10	226	11	44	156	70
31		22	20	653	16	45	609	44	19	17	23.0	14	19	11.7	11.3	00	08	218	15	39	190	28
Mean				652			592	60			25.6			10.2	15.4			229			189	40
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

HORIZONTAL INTENSITY (gammas) (All Days)

Table 49 Agincourt 1956

Month / Season \ Hour 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
January	-2	0	-1	-1	-2	+1	+3	+2	+3	+6	+9	+10	+10	+8	-1	-11	-18	-16	-11	-8	-3	+3	+5	+3
February	+9	+8	+7	+9	+7	+6	-1	-5	-13	-13	-5	+6	+4	+4	-7	-19	-23	-20	-10	+1	+9	+12	+13	+11
March	+22	+4	+3	+1	0	0	0	-3	0	-6	-8	-6	-4	-10	-20	-29	-30	-23	-6	+5	+24	+40	+30	+24
April	+29	+17	-3	-14	-19	-28	-35	-29	-17	-15	-15	-4	-6	-16	-26	-28	-18	-5	+16	+29	+44	+53	+54	+47
May	+30	+21	+7	-4	-3	-18	-35	-32	-21	-17	-13	-21	-29	-29	-38	-31	-18	-4	+17	+35	+46	+53	+54	+44
June	+14	+6	+2	0	-8	-11	-21	-9	-5	-4	-6	-9	-15	-20	-27	-30	-20	-2	+17	+26	+35	+39	+34	+21
July	+9	+6	+7	+4	+4	+2	0	-2	-9	-9	-7	-6	-13	-21	-32	-36	-26	-9	+8	+24	+30	+35	+29	+23
August	+12	+11	+10	+12	+10	+5	+5	+7	+7	+3	-1	-3	-13	-36	-47	-44	-31	-15	+2	+16	+26	+27	+26	+21
September	+18	+18	+17	+16	+10	0	-3	+1	-9	-7	-5	-5	-9	-25	-41	-39	-29	-15	+2	+15	+24	+25	+22	+20
October	+11	+10	+9	+7	+6	+7	+7	+7	+5	+10	+13	+11	-1	-17	-29	-34	-32	-25	-12	+2	+9	+12	+16	+14
November	+16	+13	+14	+8	+2	+2	-4	-11	-20	-7	0	+8	+5	-8	-17	-25	-28	-23	-9	+1	+17	+22	+25	+25
December	+9	+6	+4	+3	+3	+2	+3	+3	+5	+7	+10	+11	+8	+2	-8	-18	-24	-25	-18	-9	0	+9	+12	+12
Year	+14.8	+10.0	+6.3	+3.4	+0.8	-2.7	-6.8	-5.9	-6.2	-4.3	-2.3	-0.7	-5.2	-14.0	-24.4	-28.7	-24.7	-15.2	-0.3	+11.4	+21.7	+27.5	+26.7	+22.1
Winter	+8.0	+6.8	+6.0	+4.8	+2.5	+2.7	+0.2	-2.8	-6.3	-1.7	+3.5	+8.8	+6.8	+1.5	-8.2	-18.3	-23.2	-21.0	-12.0	-3.8	+5.8	+11.5	+13.8	+12.8
Equinox	+20.0	+12.2	+6.5	+2.5	-0.8	-5.2	-7.8	-6.0	-5.2	-4.5	-3.8	-1.0	-5.0	-17.0	-29.0	-32.5	-27.2	-17.0	0.0	+12.8	+25.2	+32.5	+30.5	+26.2
Summer	+16.2	+11.0	+6.5	+3.0	+0.8	-5.5	-12.8	-9.0	-7.0	-6.8	-6.7	-9.8	-17.5	-26.5	-36.0	-35.2	-23.8	-7.5	+11.0	+25.2	+34.2	+38.5	+35.8	+27.2

DECLINATION (minutes) (All Days)

Table 50 Agincourt 1956

Month / Season \ Hour 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
January	+1.2	+2.7	+2.6	+3.6	+3.2	+1.9	+1.3	+1.4	+0.9	+0.4	-0.7	-0.7	-0.1	+2.0	+2.5	+0.5	-1.3	-3.1	-4.0	-4.8	-4.7	-3.3	-1.5	-0.5
February	0.0	+0.7	+1.3	+1.9	+1.4	+1.0	+0.2	0.0	+0.9	+0.6	+1.7	+0.9	+2.1	+4.1	+4.7	+2.8	-0.8	-3.2	-4.6	-5.1	-4.9	-3.6	-2.3	-0.6
March	-1.1	+1.9	+2.5	+2.2	+1.9	+3.0	+1.2	+1.4	+2.0	+1.9	-1.0	+2.9	+4.3	+5.3	+4.9	+2.4	-1.9	-5.1	-6.4	-6.8	-5.6	-3.7	-3.0	-2.3
April	-0.6	0.0	-0.4	+1.5	+0.5	+1.2	-1.6	+2.1	+3.3	+3.7	+4.7	+5.9	+7.0	+7.5	+4.5	-0.4	-4.3	-6.7	-7.7	-7.4	-5.6	-3.7	-1.8	-1.3
May	+1.3	+0.6	+2.6	+1.1	+1.7	+1.0	-1.7	-1.0	+1.3	+1.3	+2.6	+4.2	+5.5	+4.8	+2.4	-2.3	-4.7	-6.1	-6.5	-5.7	-3.5	-0.9	+1.6	+1.2
June	+0.7	+0.9	+0.7	+1.4	+0.9	+3.0	+0.4	-1.1	-2.1	+1.0	+4.0	+6.0	+6.8	+6.6	+3.9	-0.1	-4.3	-7.0	-6.7	-6.5	-4.8	-2.4	-0.7	+0.2
July	+0.3	0.0	+0.2	+0.5	+1.5	+1.3	-0.6	-0.8	+0.2	+1.7	+4.1	+6.9	+7.8	+7.1	+4.4	-0.3	-4.2	-6.8	-7.8	-7.0	-5.3	-3.2	-1.1	0.0
August	+1.4	+1.1	+0.3	+0.1	+0.7	+0.1	+0.5	+0.4	+2.1	+2.9	+4.1	+8.0	+10.5	+9.2	+2.8	-3.5	-7.8	-10.5	-10.6	-8.5	-4.7	-1.0	+0.8	+1.3
September	-0.3	+0.8	+1.4	+1.5	-0.3	+0.7	+1.1	+1.8	+3.6	+2.8	+3.2	+4.9	+7.6	+6.3	+3.7	-2.3	-6.4	-8.7	-8.7	-6.8	-4.1	-1.5	-0.4	-0.5
October	-0.1	+0.7	+1.1	+1.7	+2.8	+2.5	+2.5	+2.1	+1.9	+2.7	+2.6	+2.6	+3.6	+4.4	+3.7	+0.7	-3.2	-6.2	-6.9	-6.3	-4.6	-3.6	-2.7	-0.9
November	+0.1	+2.0	+2.5	+2.9	+2.8	+0.4	+1.6	+1.6	+1.3	+1.3	+1.9	+1.6	+2.3	+3.2	+2.6	+1.4	-1.6	-4.7	-5.9	-5.8	-4.2	-3.4	-2.5	-1.3
December	-0.9	+0.7	+1.3	+1.3	+1.7	+1.5	+1.5	+1.2	+1.6	+2.0	+1.6	+1.7	+1.6	+3.0	+3.8	+2.5	+0.1	-3.0	-5.1	-5.7	-5.2	-3.8	-2.6	-1.9
Year	+0.2	+1.0	+1.3	+1.6	+1.6	+1.5	+0.5	+0.8	+1.4	+1.9	+2.4	+3.7	+4.9	+5.3	+3.7	+0.1	-3.4	-6.9	-6.7	-6.4	-4.8	-2.8	-1.4	-0.6
Winter	+0.1	+1.5	+1.9	+2.4	+2.3	+1.2	+1.2	+1.0	+1.2	+1.1	+1.1	+0.9	+1.5	+3.1	+3.4	+1.8	-0.9	-3.5	-4.9	-5.4	-4.8	-3.5	-2.3	-1.1
Equinox	-0.5	+0.9	+1.2	+1.7	+1.2	+1.8	+0.8	+1.8	+2.7	+2.8	+2.4	+4.1	+5.6	+5.9	+4.2	+0.1	-4.0	-6.7	-7.4	-6.8	-5.0	-3.1	-2.0	-1.2
Summer	+0.9	+0.6	+1.0	+0.8	+1.2	+1.4	-0.4	-0.6	+0.4	+1.7	+3.7	+6.3	+7.6	+6.9	+3.4	-1.5	-5.2	-7.6	-7.9	-6.9	-4.6	-1.9	+0.2	+0.7

VERTICAL INTENSITY (gammas) (All Days)

Table 51 Agincourt 1956

Month / Season \ Hour 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
January	+14	+15	+12	+4	-1	-3	-3	-6	-11	-13	-16	-14	-11	-9	-12	-12	-6	0	+4	+10	+15	+16	+13	+11
February	+12	+11	+9	+3	-1	-1	-7	-15	-21	-19	-15	-7	-6	0	-4	-6	-4	+1	+5	+9	+12	+12	+12	+12
March	+39	+18	+6	+3	-9	-11	-19	-23	-22	-23	-23	-22	-13	-12	-13	-12	-9	-3	+6	+10	+16	+30	+35	+39
April	+31	+17	+1	-8	-12	-15	-30	-31	-24	-23	-20	-11	-7	-5	-7	-8	-5	+2	+11	+19	+27	+33	+31	+40
May	+27	+23	0	-13	-20	-29	-21	-35	-35	-25	-23	-28	-22	-12	-7	-3	+5	+14	+23	+32	+36	+40	+36	+33
June	+25	+15	+8	-1	-18	-27	-26	-24	-18	-11	-7	-6	-8	-7	-6	-6	-2	+1	+6	+12	+18	+25	+31	+27
July	+19	+12	+6	-1	-5	-11	-21	-24	-25	-18	-11	-7	-8	-9	-6	-5	-3	0	+5	+12	+18	+22	+24	+25
August	+15	+7	+3	-5	-7	-13	-12	-13	-10	-6	-11	-12	-11	-11	-9	-9	-4	-1	+7	+14	+19	+22	+24	+19
September	+11	+10	+6	0	-10	-15	-14	-11	-13	-19	-16	-11	-7	-6	-3	+3	+5	+8	+13	+17	+19	+18	+14	+12
October	+13	+10	+6	+3	-4	-5	-6	-9	-19	-20	-15	-7	-5	-5	-4	-6	-5	0	+6	+11	+14	+13	+16	+15
November	+24	+14	+10	+5	-2	-5	-14	-17	-31	-34	-25	-18	-8	-5	-4	-5	-2	+3	+10	+13	+17	+17	+21	+26
December	+6	+7	+6	+4	+3	+2	-1	-4	-8	-7	-7	-8	-6	-4	-4	-8	-6	-3	+2	+6	+8	+8	+6	+6
Year	+19.7	+13.3	+6.1	-0.5	-7.2	-11.1	-14.5	-17.7	-19.8	-18.2	-15.7	-12.6	-9.3	-7.1	-6.6	-6.4	-3.0	+1.8	+8.2	+13.7	+18.3	+21.2	+21.9	+22.1
Winter	+14.0	+11.8	+9.2	+4.0	-0.2	-1.8	-6.2	-10.5	-17.8	-18.2	-15.8	-11.8	-7.8	-4.5	-6.0	-7.7	-4.5	+0.2	+5.2	+9.5	+13.0	+13.0	+13.0	+13.8
Equinox	+23.5	+13.8	+4.8	-0.5	-8.8	-11.5	-17.2	-18.5	-19.5	-21.2	-18.2	-12.8	-8.0	-7.0	-6.8	-5.8	-3.5	+1.8	+9.0	+14.2	+19.0	+23.5	+24.0	+26.5
Summer	+21.5	+14.2	+4.2	-5.0	-12.5	-20.0	-20.0	-24.0	-22.0	-15.0	-13.0	-13.2	-12.2	-9.8	-7.0	-5.8	-1.0	+3.5	+10.3	+17.5	+22.8	+27.2	+28.8	+26.0

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

HORIZONTAL INTENSITY (gammas) (Quiet Days)

Table 52 Agincourt 1956

Month / Season \ Hour 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
January	+3	+3	+2	+2	+2	+4	+6	+5	+5	+5	+7	+8	+6	+4	-1	-12	-18	-16	-13	-11	-3	+3	+5	+4
February	+6	+2	+1	0	+1	+3	+4	+4	+5	+6	+8	+7	+7	+2	-3	-12	-19	-22	-15	-6	+4	+5	+6	+7
March	+10	+9	+8	+6	+7	+7	+7	+8	+9	+9	+8	+6	+1	-7	-18	-28	-31	-25	-15	-6	+2	+11	+12	+10
April	+10	+7	+5	+6	+7	+5	+3	+6	+6	+5	+3	0	-6	-17	-29	-37	-31	-17	+1	+13	+20	+17	+13	+12
May	+7	+10	+9	+6	+5	+6	+7	+7	+6	+5	+6	+4	-4	-20	-29	-35	-28	-15	-2	+7	+13	+15	+10	+8
June	+4	+3	+2	+1	-1	-1	-1	-4	-7	-6	-8	-8	-15	-18	-20	-22	-14	0	+10	+22	+30	+27	+21	+7
July	+9	+11	+11	+7	+6	+3	+2	+2	+2	+1	0	-4	-14	-26	-35	-38	-28	-13	+4	+20	+28	+25	+19	+11
August	+12	+10	+9	+9	+6	+7	+7	+7	+6	+4	+3	-3	-16	-35	-47	-48	-33	-13	+7	+24	+28	+24	+18	+15
September	+14	+17	+15	+16	+14	+10	+9	+8	+8	+8	+5	-1	-15	-30	-44	-46	-33	-17	+1	+14	+13	+10	+8	+14
October	+13	+15	+13	+11	+9	+11	+11	+11	+11	+12	+11	+9	-2	-17	-33	-41	-38	-27	-13	-3	+4	+7	+12	+13
November	+12	+15	+17	+17	+15	+14	+14	+14	+14	+15	+13	+11	+1	-15	-31	-40	-43	-40	-28	-12	-1	+10	+14	+14
December	+5	+4	+3	+2	+2	+1	+2	+4	+6	+9	+10	+10	+8	+3	-4	-16	-23	-21	-15	-10	0	+7	+9	+8
Year	+8.8	+8.8	+7.9	+6.9	+6.1	+5.8	+5.9	+6.0	+5.9	+6.1	+5.5	+3.2	-4.1	-14.7	-24.5	-31.2	-28.2	-18.8	-6.5	-4.3	+11.5	+13.4	+12.2	+10.2
Winter	+6.5	+6.0	+5.8	+5.2	+5.0	+6.5	+6.5	+6.8	+7.5	+8.8	+9.5	+9.0	+5.5	-1.5	-9.8	-20.0	-25.8	-24.8	-17.8	-9.8	0.0	+6.2	+8.5	+8.2
Equinox	+11.8	+12.0	+10.2	+9.8	+9.2	+8.2	+7.5	+8.2	+8.5	+8.5	+6.8	+3.5	-5.5	-17.8	-31.0	-38.0	-33.2	-21.5	-6.5	+4.5	+9.8	+11.2	+11.2	+12.2
Summer	+8.0	+8.5	+7.8	+5.8	+4.0	+3.8	+3.8	+3.0	+1.8	+1.0	+0.2	-2.8	-12.2	-24.8	-32.8	-35.8	-25.8	-10.2	+4.8	+18.2	+24.8	+22.8	+17.0	+10.2

DECLINATION (minutes) (Quiet Days)

Table 53 Agincourt 1956

Month / Season \ Hour 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
January	+0.3	+0.8	+1.1	+0.8	+0.2	-0.1	-0.2	0.0	0.0	-0.4	-0.2	+0.3	+1.1	+3.3	+4.5	+2.6	+0.5	-1.3	-2.3	-3.4	-3.5	-2.5	-1.2	-0.6
February	-0.4	+0.2	+0.8	+0.3	+0.2	+0.3	+0.4	+0.3	+0.5	+0.8	+1.3	+1.3	+1.9	+3.2	+4.1	+3.4	+0.1	-2.0	-4.0	-4.1	-3.6	-2.9	-1.6	-0.8
March	-0.9	-0.5	-0.3	-0.2	+0.1	+0.5	+0.5	+0.4	+0.4	+1.3	+2.0	+2.6	+4.8	+6.5	+6.0	+4.0	+0.1	-3.7	-5.5	-5.7	-5.0	-3.7	-2.2	-1.4
April	-0.8	+0.9	+0.8	+1.8	+1.0	+2.7	+1.6	+1.4	+1.9	+2.8	+4.4	+6.1	+8.0	+8.3	+5.5	+0.3	-4.4	-7.9	-8.8	-8.6	-7.5	-5.5	-3.3	-0.8
May	+0.7	+0.9	+0.8	+1.0	+1.2	+1.1	+0.7	+0.9	+1.3	+2.3	+4.4	+7.0	+8.0	+7.2	+3.8	-2.0	-5.7	-8.0	-8.9	-8.2	-6.0	-3.0	-0.3	+0.6
June	+1.0	+0.6	+1.0	-0.3	-0.3	-0.5	-0.4	-0.1	-0.3	+2.5	+4.6	+6.7	+7.6	+6.7	+4.0	-0.5	-4.7	-7.7	-8.0	-7.1	-4.1	-1.3	0.0	+0.2
July	-0.2	-0.4	-0.2	+0.3	+0.3	+0.1	+0.8	+0.9	+1.7	+2.9	+4.7	+7.4	+8.6	+8.4	+5.5	-0.6	-5.8	-9.1	-9.2	-7.9	-5.6	-2.7	-0.3	+0.4
August	+0.9	+0.2	-0.3	-0.3	+1.2	+1.2	+1.6	+2.0	+2.4	+3.4	+5.5	+8.4	+10.0	+8.6	+3.5	-4.1	-10.4	-12.5	-11.9	-8.7	-4.4	-0.4	+1.8	+1.9
September	-1.1	-1.0	-0.7	-0.5	-0.1	+1.0	+1.8	+2.2	+2.5	+3.0	+3.6	+5.5	+8.1	+7.4	+4.8	-1.4	-5.9	-8.2	-8.4	-5.9	-3.1	-1.2	-1.0	-1.3
October	-1.3	-0.8	-0.6	-0.5	+0.5	+1.0	+1.2	+1.5	+1.9	+2.2	+2.2	+2.8	+4.7	+6.0	+5.8	+2.9	-1.1	-4.3	-5.4	-5.3	-4.5	-3.9	-3.1	-2.0
November	-0.4	+1.2	-0.1	+1.4	+1.2	+0.4	+1.0	+1.5	+1.6	+1.9	+2.2	+2.6	+3.9	+6.0	+5.2	+2.6	-1.1	-4.9	-6.6	-6.4	-5.1	-3.7	-2.6	-1.7
December	-0.8	+0.4	+0.8	+0.5	+0.8	+1.0	+1.0	+1.2	+0.8	+1.0	+1.4	+1.4	+1.7	+2.7	+3.1	+2.7	+0.8	-1.9	-4.0	-4.4	-4.0	-2.9	-1.9	-1.5
Year	-0.2	+0.2	+0.3	+0.4	+0.5	+0.7	+0.8	+1.0	+1.2	+2.0	+3.0	+4.3	+5.7	+6.2	+4.6	+0.8	-3.1	-6.0	-6.9	-6.3	-4.7	-2.8	-1.3	-0.6
Winter	-0.3	+0.6	+0.6	+0.8	+0.6	+0.4	+0.6	+0.8	+0.7	+0.8	+1.2	+1.4	+2.2	+3.8	+4.2	+2.8	+0.2	-2.5	-4.2	-4.6	-4.0	-3.0	-1.8	-1.2
Equinox	-1.0	-0.4	-0.2	+0.2	+0.4	+1.3	+1.3	+1.4	+1.7	+2.3	+3.0	+4.2	+6.4	+7.0	+5.5	+1.4	-2.8	-6.0	-7.0	-6.4	-5.0	-3.6	-2.4	-1.4
Summer	+0.6	+0.3	+0.3	+0.2	+0.6	+0.5	+0.7	+0.9	+1.3	+2.8	+4.8	+7.4	+8.6	+7.7	+4.2	-1.8	-6.6	-9.3	-9.5	-8.0	-5.0	-1.8	+0.3	+0.8

VERTICAL INTENSITY (gammas) (Quiet Days)

Table 54 Agincourt 1956

Month / Season \ Hour 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
January	+4	+2	+1	0	-1	-1	-3	-3	-2	-2	-4	-2	0	+1	-4	-9	-4	0	+2	+3	+6	+7	+5	+4
February	+3	+2	+2	+2	0	0	+1	+1	+1	0	-1	-1	-1	-2	-3	-7	-8	-5	-3	+2	+4	+4	+3	+3
March	+2	+1	0	-1	-1	-1	-1	-1	-3	-2	-1	0	+2	0	-3	-4	-5	-2	+1	+1	+3	+5	+6	+4
April	+4	+4	+2	+1	0	-2	-2	0	0	+1	0	0	-2	-5	-8	-14	-13	-6	+1	+6	+8	+8	+8	+6
May	+2	+2	0	-1	-1	-2	-2	-1	-1	+1	+3	+2	0	-3	-6	-8	-5	-3	0	+3	+4	+6	+6	+4
June	+12	+7	+5	+2	+1	0	-3	-5	-2	+2	+1	0	-4	-5	-8	-12	-10	-9	-6	-1	+3	+6	+12	+14
July	+2	0	-5	-5	-6	-7	-5	-3	-1	+1	+1	-1	-3	-4	-3	-4	-4	-2	+3	+7	+10	+13	+11	+7
August	+1	-1	-1	-2	-4	-2	-3	-2	-1	0	+1	0	-1	-1	-4	-8	-8	-6	+1	+6	+9	+11	+8	+4
September	+3	+1	0	0	-1	0	+1	+1	0	0	+1	+2	+2	0	-2	-5	-5	-5	-2	0	+2	+3	+2	+3
October	+2	+1	0	+1	+1	+1	-1	-1	0	0	0	+1	+2	+2	0	-6	-8	-6	-2	+1	+3	+2	+3	+3
November	+2	+2	+2	+1	-1	-1	-3	-3	-1	-1	-2	-1	+1	+1	-1	-6	-6	-2	+1	+3	+4	+4	+3	+2
December	+2	+2	+1	+1	0	0	-2	-3	-3	-3	-2	-2	-1	0	-1	-4	-5	-5	-1	+4	+7	+6	+4	+2
Year	+3.2	+1.9	+0.6	-0.1	-1.1	-1.2	-1.9	-1.7	-1.1	-0.2	-0.2	-0.2	-0.4	-1.3	-3.6	-7.2	-6.8	-4.2	-0.4	+2.9	+5.2	+6.2	+5.9	+4.7
Winter	+2.8	+2.0	+1.5	+1.0	-0.5	-0.5	-1.8	-2.0	-1.2	-1.5	-2.2	-1.5	-0.2	0.0	-2.2	-6.5	-5.8	-3.0	-0.2	+3.0	+5.2	+5.2	+3.8	+2.8
Equinox	+2.8	+1.8	+0.5	+0.2	-0.2	-0.5	-0.8	-0.2	-0.8	-0.2	0.0	+0.8	+1.0	-0.8	-3.2	-7.2	-7.8	-4.8	-0.5	+2.0	+4.0	+4.5	+4.8	+4.0
Summer	+4.2	+2.0	-0.2	-1.5	-2.5	-2.8	-3.2	-2.8	-1.2	+1.0	+1.5	+0.2	-2.0	-3.2	-5.2	-8.0	-6.8	-5.0	-0.5	+3.8	+6.5	+9.0	+9.2	+7.2

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

HORIZONTAL INTENSITY (gammas) (Disturbed Days)

Table 55 Agincourt 1956

Month / Season \ Hour 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
January	-3	+1	-4	-5	-11	+5	+6	-5	-2	+1	+13	+15	+10	+12	-3	-4	-13	-15	-7	-3	0	+4	+4	+4
February	+23	+20	+18	+33	+19	+21	-21	-38	-99	-105	-62	+4	-6	+18	-3	-23	-18	+6	+27	+42	+42	+41	+36	+26
March	+50	+23	0	+7	+5	+2	-8	-38	-34	-58	-77	-68	-32	-29	-28	-32	-21	-10	+22	+24	+66	+122	+62	+52
April	+91	+61	-34	-109	-121	-130	-179	-152	-116	-103	-112	-26	-7	-4	-10	-8	+15	+36	+98	+122	+164	+195	+185	+144
May	+113	+70	-6	-53	-46	-138	-228	-200	-103	-81	-39	-55	-87	-49	-57	-19	+9	+39	+82	+130	+161	+190	+207	+159
June	+39	+16	+11	-1	-55	-50	-97	-13	+3	0	-5	-11	-10	-10	-28	-45	-28	+5	+28	+36	+50	+52	+57	+55
July	+3	0	0	+4	+5	+3	-6	-5	-39	-40	-29	-13	-10	-18	-19	-27	-26	-9	+7	+32	+42	+59	+47	+38
August	+18	+21	+11	+20	+18	-7	+1	+2	+15	-3	-13	-3	-20	-49	-60	-68	-23	-18	-9	+4	+29	+38	+52	+43
September	+42	+52	+50	+55	+26	-31	-46	-24	-89	-77	-62	-32	+3	-22	-58	-21	-6	+1	+22	+31	+49	+53	+45	+39
October	+6	+5	+3	-4	-12	-5	-4	-13	-17	+6	+16	+16	0	-20	-24	-23	-18	-14	-8	+16	+21	+22	+29	+23
November	+47	+31	+28	0	-29	-27	-52	-98	-158	-83	-58	-11	+22	+12	+15	+14	+6	+5	+21	+29	+69	+67	+72	+78
December	+10	+7	+8	+3	-1	0	-2	-9	-6	-1	+6	+10	+8	+1	-9	-10	-15	-22	-20	-9	+9	+16	+13	+13
Year	+36.6	+25.6	+7.1	-4.2	-16.8	-29.8	-53.0	-49.4	-53.8	-45.3	-35.2	-14.5	-10.8	-13.2	-23.7	-22.2	-11.5	+0.3	+21.9	+37.8	+58.5	+71.6	+67.4	+56.2
Winter	+19.2	+14.8	+12.5	+7.8	-5.5	-0.2	-17.2	-37.5	-66.2	-47.0	-25.2	+4.5	+8.5	+10.8	0.0	-5.8	-10.0	-6.5	+5.2	+14.8	+30.0	+32.0	+31.2	+30.2
Equinox	+47.2	+35.2	+4.8	-12.8	-25.5	-41.0	-59.2	-56.8	-64.0	-58.0	-58.8	-27.5	-9.0	-18.8	-30.0	-21.0	-7.5	+3.2	+33.5	+48.2	+75.0	+98.0	+80.2	+64.5
Summer	+43.2	+26.8	+4.0	-7.5	-19.5	-48.0	-82.5	-54.0	-31.0	-31.0	-21.5	-20.5	-31.8	-31.5	-41.0	-39.8	-17.0	+4.2	+27.0	+50.5	+70.5	+84.8	+90.8	+73.8

DECLINATION (minutes) (Disturbed Days)

Table 56 Agincourt 1956

Month / Season \ Hour 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
January	+3.5	+3.4	+6.8	+6.9	+10.9	+6.1	+4.2	+5.9	+4.0	+1.2	-4.7	-5.8	-7.1	-1.9	-2.3	-5.3	-3.7	-5.1	-6.1	-6.5	-5.6	-3.3	-1.7	+1.3
February	+2.4	+1.9	+3.7	+4.9	+3.7	+4.1	-2.2	+0.9	+3.2	-2.0	+4.1	-0.5	+2.5	+6.5	+3.9	-0.5	-6.7	-6.9	-6.0	-5.1	-5.9	-4.5	-2.3	+1.1
March	+0.5	+6.3	+4.2	+3.7	+6.8	+7.2	+3.8	+1.2	+6.3	+4.1	-15.0	+0.3	-1.7	-1.4	-1.8	-1.3	-6.1	-6.4	-4.4	-5.5	-2.0	+0.4	0.0	-1.1
April	0.0	-0.2	-2.5	+3.5	-6.3	-4.8	-19.4	+1.2	+7.5	+5.9	+7.4	+6.4	+5.3	+8.0	+5.6	+0.7	-2.6	-3.3	-4.9	-4.6	-2.4	-0.6	+0.6	-0.6
May	+5.7	+1.2	+12.0	-1.2	+3.8	-1.4	-13.0	-9.5	+1.8	-4.8	-2.1	-2.6	-2.9	-1.8	-1.5	-5.2	-2.1	-2.0	-2.0	+1.7	+4.4	+6.0	+11.0	+4.2
June	+1.7	+5.5	+3.0	+3.5	+2.2	+10.7	-3.8	-0.9	-2.2	-0.4	+3.0	+2.9	+3.8	+5.6	+1.8	-1.8	-7.5	-8.7	-6.8	-6.9	-4.3	-1.9	+0.6	+1.0
July	+2.5	+0.3	+1.7	+2.8	+3.2	+1.2	-3.0	+0.6	-0.9	+0.5	-1.2	+5.2	+9.1	+7.1	+2.5	-0.6	-4.4	-6.3	-8.1	-6.0	-5.0	-2.5	-0.1	+1.4
August	+5.8	+2.6	+3.4	+3.0	+1.5	-1.4	-0.5	-3.5	+1.2	+2.1	+1.3	+10.7	+9.9	+5.8	-2.0	-8.1	-9.4	-8.8	-9.5	-7.5	-2.2	+0.8	+2.9	+3.8
September	+0.9	+3.5	+6.9	+6.0	-4.2	-3.5	-1.1	+1.3	+3.6	+2.1	+0.2	+2.9	+9.9	+5.5	+3.6	-6.7	-10.2	-8.7	-8.6	-5.5	-1.9	+1.6	+1.6	+0.8
October	+1.8	+3.5	+2.6	+4.0	+7.4	+6.7	+6.7	+4.7	+0.6	+3.1	+1.6	+1.0	-0.2	-0.7	-1.2	-2.4	-5.2	-7.9	-8.3	-6.7	-3.6	-4.6	-4.4	+1.6
November	+0.9	+6.0	+7.2	+7.9	+6.2	-5.4	+2.2	+1.5	-4.0	-5.1	-3.3	-2.4	+2.4	+3.3	-1.2	-0.1	+0.1	-3.5	-4.5	-3.8	-0.4	-1.3	-2.8	+0.4
December	-0.9	+0.9	+1.6	+1.2	+3.0	+2.2	+3.4	+2.8	+4.3	+5.7	+3.2	+1.8	-0.6	+1.0	+3.3	-0.1	-1.0	-3.2	-5.4	-6.0	-5.2	-5.0	-4.2	-2.8
Year	+2.1	+3.5	+4.1	+3.8	+3.2	+1.8	-1.9	+0.5	+2.1	+1.0	-0.4	+1.7	+2.5	+3.1	+0.9	-2.6	-4.9	-5.9	-6.2	-5.2	-2.8	-1.2	+0.1	+0.9
Winter	+1.5	+4.3	+4.8	+5.2	+6.0	+1.8	+1.9	+2.8	+1.9	0.0	-0.2	-1.7	-0.7	+2.2	+0.9	-1.5	-2.8	-4.7	-5.5	-5.4	-4.3	-3.5	-2.8	0.0
Equinox	+0.8	+3.8	+2.8	+4.3	+0.9	+1.4	-2.5	+2.1	+4.5	+3.8	-1.4	+2.6	+3.3	+2.8	+1.6	-2.4	-6.0	-6.6	-6.6	-5.6	-2.5	-0.8	-0.6	+0.2
Summer	+3.9	+2.4	+4.8	+1.8	+2.7	+2.3	-5.1	-3.3	0.0	-0.6	+0.2	+4.0	+5.0	+4.2	+0.2	-3.9	-5.8	-6.4	-6.6	-4.7	-1.8	+0.6	+3.6	+2.6

VERTICAL INTENSITY (gammas) (Disturbed Days)

Table 57 Agincourt 1956

Month / Season \ Hour 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
January	+37	+44	+30	+12	-9	-13	-10	-23	-48	-52	-56	-44	-36	-23	-18	-9	+2	+11	+17	+37	+46	+40	+33	+30
February	+43	+39	+34	+8	+7	+1	-35	-73	-108	-93	-64	-18	-12	+17	+7	+6	+13	+22	+23	+29	+37	+36	+40	+41
March	+80	+18	+4	+27	0	+2	-19	-53	-52	-59	-65	-83	-46	-40	-36	-20	-8	+3	+30	+38	+44	+82	+71	+85
April	+77	+18	-12	-65	-40	-42	-85	-85	-69	-77	-79	-29	-9	+7	+3	0	+8	+22	+47	+63	+82	+79	+66	+118
May	+76	+74	-48	-95	-100	-147	-79	-141	-131	-61	-51	-82	-72	-23	+6	+30	+51	+89	+108	+130	+132	+134	+100	+98
June	+61	+29	+5	-17	-82	+106	-75	-57	-18	-13	-4	-3	-6	-1	0	+5	+20	+24	+28	+27	+32	+39	+58	+54
July	+47	+27	+20	0	-7	-11	-44	-36	-76	-68	-55	-33	-20	-12	-6	-2	+2	+11	+21	+37	+44	+50	+56	+57
August	+45	+15	+8	-22	-21	-38	-33	-52	-38	-35	-51	-27	-23	-24	-17	-12	+11	+15	+31	+44	+51	+55	+58	+58
September	+22	+22	+18	+11	-42	-68	-47	-24	-41	-74	-65	-39	-20	-10	+5	+36	+38	+40	+47	+51	+45	+39	+31	+24
October	+47	+35	+27	+10	-21	-29	-24	-22	-60	-64	-42	-27	-24	-24	-16	-12	-8	+5	+18	+31	+44	+43	+58	+55
November	+67	+34	+38	+23	-8	-24	-60	-52	-129	-146	-88	-58	-6	+3	+3	+6	+12	+19	+32	+42	+60	+65	+81	+86
December	+14	+15	+10	+6	+9	+7	0	-8	-20	-12	-8	-17	-18	-15	-11	-8	-9	-4	+5	+11	+15	+14	+13	+15
Year	+51.3	+30.8	+11.2	-8.5	-26.2	-39.0	-42.6	-52.2	-65.8	-62.8	-52.3	-38.3	-24.3	-12.1	-6.7	+1.7	+11.0	+21.4	+33.9	+45.0	+52.7	+56.3	+55.4	+60.0
Winter	+40.2	+33.0	+28.0	+12.2	-0.2	-7.2	-26.2	-39.0	-76.2	-75.8	-54.0	-34.2	-18.0	-4.5	-4.8	-1.2	+4.5	+12.0	+19.2	+29.8	+39.5	+38.8	+41.8	+42.8
Equinox	+56.5	+23.2	+9.2	-4.2	-25.8	-34.2	-43.8	-46.0	-55.5	-68.5	-62.8	-44.5	-24.8	-16.8	-11.0	+1.0	+7.5	+17.5	+35.5	+45.8	+53.8	+60.8	+56.5	+70.5
Summer	+57.2	+36.2	-3.8	-33.5	-52.5	-75.5	-57.8	-71.5	-65.8	-44.2	-40.2	-36.2	-30.2	-15.0	-4.2	+5.2	+21.0	+34.8	+47.0	+59.5	+64.8	+69.5	+68.0	+66.8