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RECORD OF OBSERVATIONS AT AGINCOURT MAGNETIC OBSERVATORY 1947-1948

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Agincourt Observatory

96135—11½

AGINCOURT MAGNETIC OBSERVATORY

Geographic Latitude 43° 47′N
Geographic Longitude 79° 16′W

Geomagnetic Latitude 55.0°N
Geomagnetic Longitude 347.0°E

1947—1948

Introduction

Agincourt Magnetic Observatory, situated about thirteen miles northeast of downtown Toronto, was established in 1898 to continue the magnetic work of the Toronto Observatory. At the end of 1936 direction of the Observatory was transferred from the Meteorological Service of Canada, in Toronto, to the Dominion Observatory, Ottawa.

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.

The corrections adopted for use in reducing observations to International Magnetic Standard are as follows:

for D, I.M.S. = Elliott 48 $-0.8'$
for H, I.M.S. = Schuster-Smith $+0.0\gamma$
for I, I.M.S. = Toepfer 89 $-0.15'$

Variometers in operation were: a la Cour set of normal speed and sensitivity and a Kew-type set. The la Cour quick-run set was removed from service towards the end of 1947.

Scale coefficients for the la Cour normal set per millimeter of ordinate were for D, 0.91′; for H, 5.15γ; and for Z, 5.90γ. Similarly the Kew coefficients were for D, 1.28′; for H, 4.96γ; and for Z, 15.0γ. These coefficients held throughout the two-year interval.

The r.m.s. values of the observed minus adopted photographic base-line values in 1947 were for D, $\pm 0.8'$; for H, $\pm 6\gamma$; and for Z, $\pm 25\gamma$. In 1948 they were for D, $\pm 0.7'$; for H, $\pm 8\gamma$; and for Z, $\pm 21\gamma$.

Magnetic Reductions

The mean hourly, daily, and monthly values of horizontal intensity, declination, and vertical intensity together with daily extreme and range values of these elements and their diurnal inequalities are given in Tables 1 to 57 of each year.

The monthly and yearly mean values of H, D, Z, X, Y, I, and F for 1947 and 1948 which follow, are based on mean hourly values for all days for H, D, and Z. Values of X, Y, I, and F are computed from H, D, and Z.

The mean daily ranges in extreme absolute values in 1947 were 137γ in H, 28.3′ in D, and 128γ in Z. In 1948 the values were 108γ in H, 24.2′ in D, and 98γ in Z. The 1947 ranges were greater than those of any other year from 1928 to 1948, inclusive. The ranges in 1948 were close to the 11-year average.

A list of mean annual values from 1925 to 1948, inclusive, completes this section of the 1947–1948 record.

K indices and character figures have been supplied regularly to the Association of Terrestrial Magnetism and Electricity of the International Union of Geodesy and Geophysics for inclusion in "Geomagnetic Indices C and K" bulletins.

Mean Values for Months and Year, Agincourt

Month	—D West	H	Z	X	—Y West	I North	F
1947	° ′	γ	γ	γ	γ	° ′	γ
January	7 22.7	15322	56360	15195	1968	74 47.5	58406
February	22.5	326	362	199	67	47.3	409
March	23.2	305	369	178	68	48.6	410
April	22.0	330	371	203	66	47.2	418
May	21.4	348	362	222	65	46.0	414
June	20.2	359	371	233	61	45.5	426
July	21.3	367	389	241	67	45.4	445
August	22.2	353	396	226	69	46.3	448
September	23.1	335	399	208	71	47.3	447
October	23.1	333	381	206	71	47.2	429
November	23.0	335	351	208	71	46.6	400
December	22.7	340	325	213	70	45.9	377
Year	7 22.3	15338	56370	15211	1968	74 46.7	58419
1948							
January	7 23.0	15337	56305	15210	1971	74 45.8	58356
February	22.8	342	300	215	71	45.4	353
March	22.7	339	301	212	70	45.6	353
April	22.0	356	307	229	69	44.7	363
May	21.9	363	317	236	69	44.5	375
June	21.3	378	321	251	69	43.7	383
July	21.0	381	314	255	68	43.4	377
August	22.5	357	317	230	71	44.8	373
September	22.7	361	303	234	73	44.4	361
October	23.9	344	294	216	76	45.2	348
November	23.9	350	282	222	77	44.7	338
December	22.8	348	257	221	71	44.4	313
Year	7 22.5	15355	56302	15228	1971	74 44.7	58358

Mean Annual Values, Agincourt

Year	—D West	H	Z	X	—Y West	I North	F
	° ′	γ	γ	γ	γ	° ′	γ
1925	7 09.7	15727	57628	15604	1961	74 44.2	59736
1926	13.4	692	529	569	73	44.6	630
1927	16.4	664	412	540	83	44.3	508
1928	20.3	628	315	500	96	44.9	407
1929	24.0	586	197	456	2007	45.4	282
1930	28.1	544	103	412	20	46.4	181
1931	31.9	520	010	386	34	46.3	086
1932	35.8	485	56924	349	47	46.9	58991
1933	37.7	453	837	316	51	47.4	900
1934	37.5	424	762	287	47	47.9	820
1935	37.1	391	704	255	41	48.9	759
1936	36.9	362	658	226	36	49.8	704
1937	35.9	333	602	198	27	50.5	643
1938	35.1	311	564	177	21	51.2	600
1939	33.8	292	525	158	13	51.7	557
1940	32.3	290	503	157	06	51.5	535
1941	32.4	288	482	156	06	51.3	515
1942	31.4	304	460	172	04	50.1	498
1943	30.7	309	461	177	01	49.7	500
1944	30.0	314	406	183	1999	48.6	448
1945	27.7	323	392	194	90	47.9	437
1946	25.6	311	361	182	79	48.1	403
1947	22.3	338	370	211	68	46.7	419
1948	7 22.5	15355	56302	15228	1971	74 44.7	58358

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 1 Agincourt — H = 15,000 γ + — January 1947

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	335	332	332	335	335	335	337	337	335	342	348	353	349	345	338	324	317	308	309	313	323	330	331	335	333
2	333	332	333	330	332	332	333	334	338	340	343	344	344	343	336	303	298	309	315	318	322	329	338	340	330
3	342	340	339	337	330	328	332	329	332	335	334	334	330	327	320	312	289	282	292	317	320	329	328	325	324
4 D	328	323	322	322	320	323	323	323	324	322	320	302	311	324	291	268	307	303	291	298	311	315	318	327	313
5 D	327	333	333	333	327	317	323	319	312	314	319	326	319	319	318	306	287	286	286	292	298	308	315	313	313
6	306	322	315	304	308	309	303	299	304	320	328	319	315	317	299	297	296	294	298	303	310	316	316	320	309
7	326	330	319	324	319	323	323	320	319	325	3233	317	324	324	312	292	285	297	303	312	323	327	324	329	318
8	329	335	329	324	323	324	328	325	326	333	328	326	325	324	318	313	312	314	313	320	328	336	338	339	326
9 Q	339	335	333	331	331	329	331	331	334	338	338	339	336	328	316	303	297	303	310	318	331	339	289	338	326
10 Q	331	337	336	336	334	336	338	338	340	341	341	339	335	326	316	307	304	314	324	338	349	350	348	346	334
11 Q	343	341	340	340	342	341	344	345	345	345	344	341	336	325	306	290	287	307	326	341	354	355	350	348	335
12 Q	344	345	344	343	341	341	343	343	345	344	345	343	338	325	309	300	305	324	339	350	357	357	352	348	339
13 Q	346	345	345	343	344	343	341	343	343	343	343	340	335	321	299	288	294	312	329	343	354	350	343	341	335
14	340	346	343	340	338	338	338	341	342	344	344	341	336	323	300	293	299	315	336	344	350	354	350	349	335
15	346	343	341	338	340	341	338	340	340	342	349	344	339	331	313	307	309	320	334	346	348	341	334	334	336
16 D	331	335	338	359	403	369	346	333	319	309	314	314	321	318	302	298	277	287	305	323	325	323	312	312	324
17	312	318	318	318	312	307	303	303	312	296	297	312	309	299	285	272	268	277	292	305	318	319	333	327	305
18	324	326	326	325	323	324	324	324	318	318	324	323	319	318	300	291	289	288	303	307	312	323	328	323	316
19	318	326	325	328	326	329	328	327	330	331	323	331	333	326	316	302	295	293	300	314	329	332	331	329	322
20	334	336	338	336	336	335	338	338	338	336	335	334	331	330	321	307	303	305	307	321	331	337	340	341	329
21	337	330	332	334	333	331	334	335	341	338	335	335	335	328	316	305	302	309	316	325	332	341	345	343	329
22	340	340	339	336	334	335	340	341	338	339	339	338	334	326	319	309	302	303	308	319	329	325	338	341	329
23	340	340	336	336	343	336	336	336	338	339	336	338	334	328	318	308	307	312	323	323	331	331	336	334	331
24	336	339	340	339	341	340	333	313	328	327	328	326	321	321	308	301	302	307	314	319	335	338	334	334	326
25 D	334	343	334	299	273	255	173	119	179	048	118	236	225	197	220	224	257	266	295	329	326	332	332	330	252
26 D	312	299	306	310	285	278	240	268	271	270	272	297	290	275	287	275	267	286	295	299	305	314	321	316	289
27	320	320	313	311	319	324	321	318	324	323	323	315	310	311	296	295	306	318	319	332	329	333	333	334	319
28	331	329	328	329	326	324	326	321	326	325	325	326	321	304	290	280	274	282	295	310	324	323	332	331	316
29	335	338	337	327	325	333	329	321	327	325	328	333	325	312	295	307	297	293	300	316	333	340	345	345	324
30	345	341	339	339	338	336	333	331	333	333	334	332	334	333	325	316	308	305	304	311	321	339	334	323	328
31	328	331	338	339	326	323	327	327	323	333	332	333	333	329	319	310	303	306	310	319	330	339	336	326	326
Mean	332	334	332	330	329	327	323	320	324	320	323	327	324	318	307	297	295	301	309	320	329	333	332	333	322

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 2 Agincourt D = 7° W + . . . ′ January 1947

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	21.6	21.1	20.0	20.0	20.7	20.8	21.7	21.4	21.5	23.4	25.0	21.9	19.2	18.7	19.5	18.9	22.0	23.3	25.1	25.0	24.3	23.7	23.1	22.4	21.9
2	21.9	21.0	20.6	21.1	20.8	21.5	21.6	22.4	25.2	20.6	19.9	20.4	19.8	17.8	18.5	20.0	23.3	28.0	25.1	25.6	25.0	23.4	22.0	21.5	22.0
3	21.4	20.7	20.4	20.6	20.8	20.2	20.0	19.8	19.9	19.8	21.6	19.9	20.2	21.2	18.3	19.6	22.0	24.7	30.3	31.4	30.8	27.1	26.9	23.9	22.6
4 D	21.9	20.8	19.4	20.4	20.1	21.1	21.3	22.1	21.1	21.4	21.5	23.3	18.7	16.9	13.0	24.4	26.0	26.2	27.1	29.0	26.5	25.1	22.6	23.4	22.2
5 D	18.9	22.3	20.2	20.2	20.8	14.8	20.8	21.7	22.1	28.1	25.4	20.5	19.6	17.8	20.3	21.7	23.5	26.6	28.1	30.9	26.9	29.9	28.9	27.6	23.2
6	22.6	16.9	20.5	19.8	21.8	23.1	19.9	19.8	21.6	18.9	24.3	31.7	26.2	22.1	22.1	22.0	24.0	26.0	26.7	27.2	27.2	24.8	25.4	24.0	23.2
7	22.3	21.7	17.1	17.8	22.3	20.7	22.3	21.1	22.6	21.1	21.1	21.8	22.7	18.5	17.1	19.3	23.4	25.7	27.5	27.2	27.1	25.5	24.7	24.8	22.3
8	22.7	22.8	21.8	20.8	21.5	22.2	21.7	20.6	23.4	19.4	18.8	19.9	19.3	18.5	19.9	22.0	24.3	24.7	25.3	24.9	24.5	24.0	23.1	22.2	22.0
9 Q	21.6	21.2	21.3	21.8	22.0	22.4	22.6	21.2	21.2	21.3	21.3	20.5	19.4	17.2	17.2	20.1	23.1	25.4	26.7	26.3	25.2	23.5	22.4	22.2	22.0
10 Q	21.3	21.2	20.9	21.2	21.5	21.8	22.2	22.1	22.0	21.3	20.6	20.2	19.4	18.2	18.8	21.8	25.4	27.6	27.3	25.7	23.5	22.4	21.8	21.7	22.1
11 Q	21.2	20.8	20.8	21.0	21.8	21.8	21.7	21.4	21.4	21.3	20.7	20.5	19.9	17.4	16.3	19.3	25.3	28.2	28.3	26.3	23.5	21.6	21.6	21.7	21.9
12 Q	21.2	20.9	20.6	20.5	20.8	21.2	21.2	21.1	21.0	20.9	20.6	20.3	19.3	16.5	15.7	19.7	24.6	28.1	27.9	24.5	22.3	21.4	21.5	21.4	21.4
13 Q	20.9	20.4	20.1	20.4	21.0	21.3	20.9	20.5	20.1	19.9	19.7	19.2	18.6	16.3	15.5	20.2	25.2	28.3	29.1	26.8	24.6	22.7	22.3	22.2	21.5
14	20.2	19.9	20.0	20.7	20.7	20.9	20.9	20.9	21.1	21.0	20.6	19.8	18.5	16.6	17.3	22.7	26.2	28.2	27.7	26.9	25.4	23.3	21.9	21.8	21.8
15	20.9	20.1	20.8	20.8	20.5	21.5	21.6	21.4	21.0	22.3	20.1	18.6	17.5	16.0	17.0	22.0	24.7	26.8	26.4	24.5	23.3	24.2	24.5	23.7	21.7
16 D	21.9	19.9	20.1	18.7	34.2	21.6	23.5	22.4	22.2	20.6	21.4	19.7	18.1	17.8	16.8	22.8	19.1	29.9	31.1	31.5	32.4	29.0	28.3	25.6	23.7
17	23.3	21.4	22.9	22.4	22.9	23.5	23.1	22.0	22.4	22.9	29.6	31.4	28.5	18.7	20.5	23.9	25.9	27.5	27.8	29.7	27.8	24.4	24.8	25.6	24.6
18	23.6	21.4	21.8	22.4	22.4	22.6	22.9	22.8	23.2	25.6	22.8	22.4	20.1	17.4	16.7	18.4	22.9	26.9	27.5	27.8	29.0	26.7	25.0	24.7	23.2
19	22.1	20.6	20.2	21.0	22.4	22.6	22.9	22.4	21.9	21.0	23.8	24.3	19.0	15.4	16.0	19.3	22.3	25.1	26.8	27.4	27.4	26.3	25.3	23.4	22.4
20	24.5	22.8	21.0	20.9	21.4	21.6	22.3	22.7	21.8	21.9	21.7	20.8	19.8	19.2	19.0	19.9	22.8	24.7	26.7	29.2	27.8	25.4	24.7	23.7	22.8
21	23.2	22.3	21.9	21.4	21.1	21.9	21.4	20.8	20.4	20.2	21.0	20.9	20.0	18.4	18.6	19.9	22.7	25.3	26.5	26.5	25.1	24.5	23.7	22.9	22.1
22	21.3	22.2	21.9	22.4	22.0	21.5	21.9	21.9	20.1	19.4	19.7	19.8	18.0	16.5	18.1	20.7	22.8	26.5	28.6	27.4	26.0	25.6	22.9	23.0	22.1
23	22.4	21.4	21.9	21.0	22.8	22.0	21.1	21.0	20.5	21.0	21.0	20.2	19.9	19.0	19.7	21.1	23.5	24.6	25.5	24.9	23.8	24.2	23.6	22.5	22.0
24	22.3	22.3	21.9	21.9	21.5	22.0	19.3	22.1	18.3	26.0	25.6	21.7	22.5	21.0	22.8	23.8	25.5	28.6	28.3	26.6	25.9	23.8	22.4	22.0	23.3
25 D	20.5	21.4	22.1	17.4	21.4	29.7	28.8	28.6	22.8	26.7	34.5	48.4	41.0	35.0	42.0	33.5	35.4	31.4	28.6	26.5	26.3	25.3	29.0	26.5	29.3
26 D	27.5	21.4	23.2	20.5	21.0	20.4	16.4	16.2	19.3	25.5	19.2	17.2	17.4	27.7	20.4	25.0	26.1	28.4	28.8	28.4	26.6	24.6	24.7	22.9	22.9
27	22.9	22.0	20.5	18.0	14.6	24.2	24.2	23.1	23.6	22.4	22.8	22.8	20.5	19.3	24.1	27.0	28.3	28.7	31.2	30.5	28.4	25.4	25.4	25.3	23.9
28	19.7	19.4	09.5	21.9	22.3	22.1	20.8	20.4	19.5	20.8	22.0	21.5	20.1	17.4	19.3	21.1	24.7	27.4	28.4	28.3	28.3	27.1	26.5	25.1	22.3
29	23.4	21.5	21.0	17.0	17.6	23.2	21.4	22.1	21.2	18.5	24.9	22.7	18.4	15.1	20.1	25.6	26.3	28.6	30.2	20.3	29.3	26.0	24.1	23.3	23.0
30	22.4	21.9	21.6	21.4	20.8	20.5	20.8	20.2	18.1	17.8	17.8	18.7	18.6	16.9	17.2	19.3	21.1	23.1	25.4	26.1	26.0	26.3	25.7	25.9	21.4
31	25.2	22.6	20.8	18.7	19.9	21.4	20.4	21.9	22.3	21.3	21.3	21.4	20.3	19.1	17.4	20.1	23.5	26.9	28.9	29.9	28.4	26.8	25.2	23.7	22.8
Mean	22.2	21.2	20.5	20.4	21.4	21.8	21.7	21.5	21.3	21.7	22.3	22.3	20.7	18.9	19.3	21.8	24.4	26.8	27.7	27.5	26.4	25.0	24.3	23.6	22.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 3 Agincourt $Z = 56,000\ \gamma +$ January 1947

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	356	356	356	355	355	354	352	350	353	353	339	336	344	345	346	343	344	344	349	354	359	359	357	355	351
2	355	354	355	356	355	355	355	354	349	345	352	354	354	355	355	352	358	370	364	358	360	363	360	356	356
3	359	357	356	356	356	343	329	340	355	356	356	355	357	358	353	349	359	375	369	378	375	376	389	375	359
4 D	370	370	376	373	366	364	363	362	359	361	361	344	347	351	342	343	357	362	376	379	385	385	379	373	364
5 D	373	369	368	364	363	362	363	369	363	336	330	346	356	364	352	353	361	369	369	382	393	382	381	388	364
6	396	370	375	373	344	341	351	340	311	323	323	329	351	362	364	374	373	371	369	370	376	381	379	376	359
7	371	368	368	364	362	364	364	360	356	352	354	355	364	364	356	356	366	367	367	366	366	368	364	364	363
8	367	367	368	368	365	364	366	361	350	336	351	358	361	356	353	353	355	359	358	358	357	360	361	359	359
9 Q	361	357	359	359	361	360	358	358	360	358	357	358	359	357	356	355	360	361	364	364	362	361	359	359	359
10 Q	360	359	358	358	357	357	356	356	357	356	357	357	359	357	353	348	356	366	367	365	362	359	357	357	358
11 Q	357	357	356	354	356	357	357	356	357	354	354	354	356	357	350	346	348	352	359	362	361	356	352	353	355
12 Q	353	354	354	352	352	352	354	354	352	352	352	352	356	356	349	344	344	349	357	357	353	347	348	351	352
13 Q	351	351	350	350	351	352	354	352	352	352	350	350	353	356	351	350	351	357	365	363	358	354	350	356	353
14	354	357	356	354	357	357	357	357	356	356	356	354	357	358	346	344	351	358	363	360	360	357	352	354	356
15	354	354	354	354	354	353	357	357	356	350	346	351	356	353	348	353	359	362	363	362	359	363	367	373	357
16 D	377	376	371	353	339	472	426	402	378	362	361	358	359	354	348	356	354	362	376	429	465	436	394	393	387
17	392	399	382	372	374	371	374	372	369	361	336	360	371	365	359	356	368	374	380	379	380	380	371	374	371
18	374	374	371	369	367	367	365	364	358	348	354	362	364	363	358	365	365	369	376	377	374	370	370	372	367
19	377	372	372	368	364	364	362	361	359	354	351	351	357	361	354	351	357	363	366	369	371	370	368	373	363
20	371	369	366	365	364	363	363	362	360	359	360	359	359	359	354	350	355	358	363	366	365	361	361	364	362
21	365	367	366	366	365	367	367	364	361	358	358	358	359	360	358	355	355	355	358	363	361	358	358	357	361
22	358	357	357	357	358	358	360	354	355	351	354	355	357	355	351	350	356	363	369	365	365	363	362	364	358
23	364	364	363	362	356	362	362	360	358	358	357	357	358	356	355	355	358	362	366	369	370	369	361	363	361
24	361	358	358	359	358	358	344	255	282	297	318	347	357	357	358	361	365	369	375	377	372	366	362	365	349
25 D	368	366	363	358	303	231	185	180	197	138	067	146	205	267	304	373	404	411	446	465	452	446	454	456	316
26 D	433	414	409	416	377	335	336	357	357	300	317	357	351	335	345	354	369	380	387	393	396	381	380	379	369
27	381	381	378	375	362	366	361	370	367	366	367	369	373	369	362	364	371	367	373	380	380	380	376	378	372
28	384	387	376	376	372	370	364	362	363	365	366	367	370	367	360	362	364	365	367	374	380	381	377	373	371
29	372	367	365	365	362	368	367	364	366	358	343	334	346	349	348	348	358	364	367	368	367	367	364	364	360
30	365	366	367	367	367	365	365	366	358	356	358	354	349	352	348	346	351	355	359	362	364	369	369	372	360
31	373	374	370	344	350	356	354	363	366	364	363	364	367	367	364	362	364	367	367	369	370	373	369	369	365
Mean	369	367	365	363	361	358	355	351	350	343	341	347	353	354	351	354	360	364	369	373	374	372	369	370	360

Table 4 Agincourt — January 1947

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	11	35	356	17	20	303	53	10	08	28.0	15	15	17.4	10.6	21	31	361	10	57	331	30
2	11	40	346	17	08	291	55	17	17	30.0	14	38	16.1	13.9	17	38	377	09	05	342	35
3	22	25	343	18	08	265	78	19	02	32.9	14	57	16.2	16.7	22	23	393	06	56	322	71
4 D	13	15	337	15	10	245	92	19	38	31.4	14	35	09.6	21.8	20	53	391	12	00	329	62
5 D	02	54	343	18	46	268	75	20	05	34.4	05	38	13.2	21.2	20	21	403	10	05	320	83
6	01	16	337	07	58	282	55	04	50	37.7	01	10	06.9	30.8	00	30	402	08	38	292	110
7	01	22	331	15	58	282	49	19	07	28.3	03	04	12.3	16.0	00	05	373	10	53	351	22
8	23	44	341	16	10	309	32	17	17	26.1	09	49	17.2	08.9	04	00	370	09	25	332	38
9 Q	00	37	341	16	40	297	44	18	15	27.2	13	58	16.2	11.0	19	15	368	14	25	353	15
10 Q	21	02	354	16	34	304	50	17	46	28.2	14	00	17.9	10.3	18	00	369	14	45	348	21
11 Q	20	57	355	16	10	282	73	17	55	29.1	14	13	16.2	12.9	19	58	365	15	42	344	21
12 Q	20	53	358	15	55	297	61	17	52	29.0	14	17	15.3	13.7	19	17	357	16	04	341	16
13 Q	20	48	356	15	40	287	69	17	56	30.0	14	10	14.8	15.2	18	31	365	15	35	346	19
14	21	15	354	14	38	291	63	18	38	28.4	14	35	15.4	13.0	18	13	364	14	35	343	21
15	19	52	354	16	00	302	52	17	28	28.0	13	40	14.0	14.0	23	48	376	14	35	345	31
16 D	04	22	419	16	58	261	158	04	28	42.8	12	36	11.3	31.5	04	58	541	03	55	330	211
17	22	27	333	16	26	263	70	10	25	34.6	13	01	14.6	20.0	01	30	407	10	30	333	74
18	22	39	332	17	20	280	52	09	05	29.3	14	19	15.5	13.8	18	55	380	09	48	343	37
19	22	22	336	17	09	287	49	20	12	28.1	13	32	14.4	13.7	00	43	377	11	02	348	29
20	22	04	340	17	09	299	41	19	20	30.1	13	47	17.9	12.2	00	26	371	15	48	347	24
21	22	39	346	16	17	300	46	19	10	27.4	13	55	16.9	10.5	02	00	370	16	55	353	17
22	22	40	345	16	40	295	50	18	09	28.8	13	10	16.0	12.8	18	18	371	14	53	347	24
23	04	15	357	16	44	303	54	18	10	25.8	14	50	17.8	08.0	20	50	374	04	04	348	26
24	23	53	355	07	54	277	78	07	37	32.8	03	48	07.8	25.0	19	58	381	07	53	211	170
25 D	21	42	369	09	48	-036	405	09	55	57.4	08	35	04.1	53.3	22	47	495	10	35	004	491
26 D	00	15	334	06	46	222	112	00	22	33.1	04	55	12.9	20.2	00	01	464	10	00	273	191
27	19	55	343	14	35	292	51	18	31	32.5	04	10	05.0	27.5	19	57	388	04	18	358	30
28	02	23	338	16	01	270	68	19	47	29.0	02	20	04.8	24.2	02	00	394	07	03	353	41
29	22	35	345	14	35	284	61	19	08	30.5	04	00	08.1	22.4	00	08	372	11	23	332	40
30	00	13	346	17	23	303	43	23	12	27.4	13	38	15.6	11.8	23	35	374	14	55	346	28
31	03	02	349	16	32	300	49	19	13	30.0	03	47	14.6	15.4	01	20	376	03	54	332	44
Mean			348			274	74			31.2			13.4	17.8			389			322	67
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 1947

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	325	324	325	320	314	311	320	318	319	337	341	339	334	329	322	311	304	305	314	325	330	337	343	343	325
2	342	345	345	344	342	345	344	342	342	344	342	342	339	329	314	297	292	300	309	327	341	344	346	344	333
3	346	348	347	346	344	343	340	335	329	326	334	337	334	327	321	311	308	319	339	342	345	345	351	352	336
4	348	329	318	324	324	328	339	336	337	341	344	344	329	324	320	308	294	291	298	313	325	331	339	336	326
5	336	341	341	344	339	340	342	342	342	341	344	346	344	344	342	335	328	320	329	336	342	345	344	340	340
6	341	345	344	341	341	340	334	325	325	340	345	340	339	337	322	310	307	304	309	317	324	336	342	344	331
7	344	344	344	342	344	345	346	348	360	358	353	349	349	335	319	320	311	299	310	325	331	337	339	339	337
8 D	336	336	342	345	342	339	341	331	308	310	329	341	341	340	342	289	292	289	293	305	320	321	315	303	323
9 D	308	310	293	286	293	297	311	321	313	310	320	338	329	308	289	274	264	278	308	337	333	322	335	339	309
10	346	335	331	330	332	333	337	339	333	339	344	347	336	325	309	317	304	292	294	308	317	324	334	333	327
11	329	332	331	332	334	335	339	340	343	342	344	344	339	334	320	313	307	304	309	321	337	339	340	349	331
12	350	347	347	345	345	345	345	346	346	349	349	349	347	324	319	312	306	299	298	311	324	339	345	339	335
13	339	345	344	342	339	342	343	345	344	344	347	347	345	344	335	316	301	294	304	313	325	334	343	350	335
14 Q	349	349	347	345	345	344	349	347	347	349	346	349	344	340	340	322	319	313	322	330	332	337	344	347	340
15 Q	347	352	351	349	350	351	350	351	352	356	355	352	350	344	334	325	319	320	327	331	337	343	342	346	343
16 D	346	346	348	347	353	358	356	359	349	313	255	219	164	181	172	214	251	280	288	291	314	295	306	328	293
17 D	306	301	284	262	275	258	244	247	195	237	277	279	280	283	277	271	268	278	283	297	309	313	315	322	297
18	316	314	306	305	305	303	304	303	299	304	310	302	300	307	295	284	288	304	314	323	328	328	328	336	308
19 D	328	327	327	325	320	318	312	305	325	325	321	310	305	293	283	318	322	305	300	318	328	324	321	311	316
20	312	321	305	293	301	319	327	329	328	330	334	334	328	321	312	303	295	289	293	307	321	329	334	335	317
21 Q	336	336	336	334	338	338	340	341	340	338	339	337	335	329	321	310	303	297	303	313	324	333	338	341	329
22 Q	344	340	341	341	342	344	345	346	346	346	346	344	340	331	320	307	300	302	316	333	347	345	349	349	336
23 Q	345	344	341	342	342	346	346	347	349	349	348	346	343	334	318	304	299	303	319	333	341	344	345	348	337
24	345	341	345	349	348	349	352	352	355	355	354	346	338	336	316	304	296	297	303	319	334	343	350	350	337
25	349	348	345	345	344	348	346	340	336	335	335	316	330	334	319	303	290	286	299	319	341	349	340	341	331
26	318	307	317	320	322	331	325	329	330	336	336	335	328	314	302	291	284	282	287	300	315	333	343	343	318
27	338	338	335	334	338	335	337	338	337	337	338	339	333	324	312	299	289	293	301	313	330	339	343	344	328
28	344	343	345	344	340	344	354	345	344	342	340	338	330	320	310	306	306	309	318	333	333	337	339	333	333
29																									
30																									
31																									
Mean	336	335	332	331	331	333	334	334	331	333	334	332	327	321	310	302	297	298	306	319	329	334	337	338	326

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 6 Agincourt D = 7° W + . . . ′ February 1947

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	23.3	22.1	20.7	20.3	18.8	20.3	18.7	20.3	23.0	21.7	22.1	21.5	20.3	18.8	17.8	19.3	21.8	23.0	24.1	24.3	24.5	23.8	23.0	23.4	21.5
2	22.9	22.0	22.0	21.9	21.8	22.5	22.8	22.0	21.5	21.3	21.2	20.9	19.9	18.4	17.8	19.9	23.3	25.6	26.9	27.1	27.0	26.4	24.9	24.8	22.7
3	23.8	22.4	22.0	21.1	21.2	20.9	21.2	20.2	20.5	16.1	17.6	18.3	20.2	18.2	17.7	18.5	22.4	26.8	26.7	24.5	24.3	24.1	23.0	22.1	21.4
4	22.2	21.2	21.0	19.4	23.1	19.4	19.4	21.0	23.6	16.0	15.8	16.9	19.3	21.5	19.2	19.4	21.8	22.9	23.6	25.1	25.9	25.8	24.7	23.9	21.4
5	23.7	22.6	22.5	22.0	21.7	22.0	22.5	22.1	22.2	21.9	21.4	20.9	20.2	19.1	18.6	20.3	22.1	23.4	23.6	23.9	23.8	24.3	24.4	23.9	22.2
6	22.2	23.5	22.9	22.1	20.3	18.7	17.2	14.7	23.8	20.2	18.8	19.4	20.9	19.3	18.4	20.3	22.9	25.7	27.4	26.5	25.5	24.3	23.4	23.3	21.7
7	22.6	21.7	21.5	21.7	21.7	21.9	21.7	21.7	20.6	17.8	17.0	20.3	19.4	18.8	22.0	21.3	23.3	25.7	29.1	29.3	25.8	24.3	23.8	23.8	22.4
8 D	23.5	22.4	22.1	21.5	20.3	20.6	21.2	20.4	21.5	10.5	13.8	26.6	29.4	27.6	24.9	33.1	33.0	31.2	33.0	33.6	32.4	27.5	21.6	24.2	24.8
9 D	22.0	22.5	10.6	20.5	24.5	17.9	19.7	22.1	23.0	26.1	25.8	21.7	18.4	16.6	17.5	20.3	24.3	28.6	29.8	30.3	30.2	28.2	27.9	27.5	23.2
10	28.4	25.6	21.6	20.9	21.1	20.6	21.2	20.1	19.6	21.2	22.9	18.2	17.2	16.5	21.2	27.1	25.5	28.8	30.7	30.6	28.9	26.8	24.8	24.4	23.5
11	23.9	22.5	22.1	21.5	21.2	21.2	21.5	21.5	21.1	21.1	20.8	20.2	19.4	17.8	16.5	17.2	20.3	24.9	27.6	28.5	27.9	26.8	25.3	24.5	22.3
12	23.0	22.3	22.1	21.8	21.6	22.1	22.2	21.9	21.7	21.1	20.4	20.0	18.5	16.8	15.1	17.5	20.0	22.3	26.6	28.7	28.4	25.8	23.9	24.1	22.0
13	23.2	22.4	22.1	22.4	21.5	20.5	21.8	20.9	20.9	20.7	20.6	19.8	19.3	18.2	17.0	15.3	18.2	23.3	26.6	27.1	27.0	26.2	25.3	24.2	21.8
14 Q	23.3	22.5	22.2	22.1	21.7	21.7	20.5	21.2	20.2	20.0	19.7	19.3	18.7	16.7	15.2	15.2	17.1	21.2	24.3	25.6	25.6	25.4	24.9	23.9	21.2
15 Q	23.7	23.2	23.0	22.5	21.8	21.1	21.4	21.6	21.5	20.9	20.6	19.9	18.2	16.2	14.6	16.0	19.3	22.7	24.5	25.1	24.7	23.6	24.1	23.8	21.5
16 D	23.8	23.2	23.1	21.2	22.2	21.4	18.7	18.2	15.2	27.3	39.1	51.3	52.6	37.6	39.4	33.2	36.9	28.5	32.6	34.6	31.6	32.4	30.4	28.9	30.1
17 D	09.5	20.2	20.5	01.5	13.6	20.9	18.0	19.5	26.1	16.4	14.5	19.6	22.1	20.0	20.5	24.7	26.9	29.6	31.4	28.9	27.9	26.6	25.6	25.5	21.3
18	24.8	23.1	22.7	22.2	23.0	24.3	22.1	20.8	17.9	18.3	18.1	18.6	21.2	18.5	16.3	21.1	24.5	26.9	27.4	28.5	27.9	26.7	26.3	29.3	22.9
19 D	27.2	24.7	23.9	22.5	21.9	20.6	19.2	14.5	18.0	20.0	19.1	19.6	17.8	22.5	26.4	29.1	29.6	27.3	33.0	31.6	28.9	24.3	23.5	23.0	23.6
20	20.5	20.6	11.4	12.6	13.7	19.9	21.9	22.2	21.7	21.7	21.5	21.3	20.5	19.7	17.8	18.4	22.4	25.8	28.4	29.1	27.8	25.8	24.3	24.0	21.4
21 Q	23.5	22.7	22.5	23.0	22.5	22.5	22.2	21.8	21.9	21.0	20.5	20.6	20.3	17.7	16.9	19.0	21.3	23.5	26.1	27.3	26.8	25.8	24.7	24.0	22.5
22 Q	23.4	22.6	22.4	22.2	22.2	22.2	22.1	21.4	21.2	20.6	20.2	19.6	18.5	17.2	16.1	16.6	21.1	25.4	27.9	28.5	26.7	24.7	23.3	22.5	21.9
23 Q	22.2	22.4	22.3	21.8	22.1	21.9	21.5	21.3	20.9	20.3	19.7	19.3	17.6	15.5	14.4	15.4	19.8	24.7	26.8	26.6	24.5	23.2	22.4	22.2	21.2
24	22.3	21.5	22.2	22.1	21.1	20.3	21.3	21.4	20.7	20.0	19.6	18.5	20.8	19.1	15.1	16.4	20.3	25.2	29.1	30.2	27.1	25.0	23.3	23.0	21.9
25	22.0	21.5	21.8	22.2	21.8	20.5	20.3	20.2	19.5	19.4	14.8	15.2	18.2	16.3	16.8	20.0	23.3	27.8	31.1	30.9	29.1	26.9	24.5	24.2	22.1
26	20.5	19.6	18.5	22.2	15.4	20.9	21.1	22.3	26.9	21.4	18.9	18.3	17.5	15.7	14.8	17.7	21.4	26.0	29.1	30.2	29.3	26.8	24.2	23.5	21.7
27	24.0	23.1	21.9	19.1	20.5	20.5	21.8	21.5	21.1	20.5	20.0	18.8	18.5	17.5	16.8	19.4	22.5	26.9	28.8	29.7	29.1	27.3	25.6	24.1	22.5
28	23.6	21.8	22.1	22.5	21.4	21.9	23.2	21.3	19.7	19.8	19.9	18.7	17.5	16.3	16.7	20.0	24.5	26.8	27.8	28.4	29.1	25.8	24.7	23.5	22.4
29																									
30																									
31																									
Mean	22.8	22.4	21.2	20.6	20.8	21.1	20.9	20.6	21.3	20.1	20.2	20.8	20.8	19.1	18.6	20.5	23.2	25.7	28.0	28.4	27.5	25.9	24.5	24.3	22.5

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 7 Agincourt $Z = 56{,}000\ \gamma +$ February 1947

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	374	376	373	372	367	362	358	357	352	365	369	368	367	370	362	354	356	360	364	365	366	364	363	364	365
2	363	360	360	360	360	360	360	360	360	360	359	358	360	360	354	352	356	359	361	367	369	369	364	360	360
3	362	362	363	363	360	359	359	359	353	348	357	355	362	362	354	346	348	354	350	354	358	361	358	357	357
4	359	368	375	371	334	337	359	355	336	318	333	336	344	358	353	347	347	355	361	365	368	367	366	364	353
5	365	364	362	362	361	360	361	361	359	357	359	358	360	360	356	351	353	355	357	359	359	363	363	363	360
6	363	362	362	361	359	351	349	342	348	348	357	359	361	359	353	351	348	351	356	360	364	364	363	362	356
7	360	360	359	359	358	359	360	359	353	348	349	351	353	347	347	345	347	353	360	359	365	367	363	363	356
8 D	364	365	366	365	365	365	363	357	310	325	316	281	302	320	330	341	354	368	377	400	418	419	419	417	359
9 D	403	395	379	381	317	355	368	369	357	344	330	346	360	364	361	360	365	373	372	376	386	390	385	390	368
10	400	413	392	380	374	373	371	365	365	359	336	338	354	360	362	361	353	362	373	377	375	374	371	370	369
11	368	368	372	372	364	364	366	364	363	363	362	361	361	361	361	358	354	359	367	371	371	371	365	364	364
12	361	361	361	361	361	361	361	361	360	360	360	359	358	358	357	357	358	357	357	361	366	367	366	364	361
13	361	360	360	360	360	360	360	356	359	360	360	360	359	355	350	351	352	355	356	361	364	362	361	362	358
14 Q	359	359	360	360	361	361	355	358	356	356	358	358	356	356	354	353	354	355	355	360	361	361	361	361	358
15 Q	360	359	358	358	359	355	359	356	356	356	357	357	355	355	350	350	350	352	356	359	361	361	357	358	357
16 D	356	356	358	356	356	349	350	348	312	267	151	137	179	265	297	367	393	429	413	401	412	412	429	462	340
17 D	391	439	424	371	358	386	374	347	232	297	335	352	356	352	359	361	366	380	388	386	386	383	383	380	366
18	383	388	388	388	388	383	373	371	358	344	359	364	365	365	365	360	364	369	375	384	386	387	387	386	374
19 D	388	384	383	378	376	378	375	361	377	373	369	356	350	342	334	341	341	352	367	378	399	423	419	414	373
20	407	391	375	359	359	371	374	372	373	372	372	372	374	375	377	372	367	363	366	371	375	376	372	371	373
21 Q	370	370	368	369	367	367	368	367	367	366	367	366	366	365	365	361	360	359	359	361	365	369	368	367	366
22 Q	366	363	363	365	365	365	365	365	362	362	365	365	363	363	359	355	351	357	366	367	371	365	363	367	363
23 Q	361	363	363	363	361	361	363	363	363	363	362	362	362	362	361	355	355	361	363	367	366	364	361	362	362
24	361	365	367	363	362	362	361	361	359	359	359	357	358	355	355	350	349	353	365	372	372	366	363	365	361
25	361	361	362	362	362	354	355	353	354	344	331	338	348	342	345	349	349	351	360	369	373	379	367	373	356
26	385	398	383	389	357	367	362	360	348	355	359	361	365	365	365	362	360	365	367	364	370	369	370	368	368
27	367	369	372	367	355	365	365	363	363	363	362	363	361	359	357	351	348	355	359	366	372	372	366	367	363
28	366	365	368	368	367	366	352	359	361	362	361	361	363	361	359	359	355	359	367	371	375	374	373	375	365
29																									
30																									
31																									
Mean	371	373	371	367	361	363	362	360	351	350	347	347	351	354	354	354	355	362	366	370	374	375	373	374	362

Table 8 Agincourt February 1947

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	22	36	344	16	48	301	43	08	32	25.7	14	35	16.1	09.6	01	17	378	08	20	342	36
2	22	45	347	15	58	290	57	19	19	27.9	14	11	17.3	10.6	21	20	370	14	57	352	18
3	22	56	354	16	25	306	48	17	50	28.2	09	14	13.4	14.8	21	54	364	09	08	342	22
4	00	23	352	16	35	288	64	20	31	26.6	09	32	12.8	13.8	02	38	378	09	10	308	70
5	11	26	348	17	20	319	29	21	27	24.7	13	45	17.5	07.2	22	17	364	15	35	349	15
6	01	06	346	17	30	299	47	08	36	27.8	07	43	13.6	14.2	21	25	368	07	40	337	31
7	08	13	362	17	36	291	71	19	14	30.6	10	48	15.2	15.4	21	13	369	14	58	341	28
8 D	11	31	370	15	11	271	99	15	54	38.2	09	20	07.3	30.9	22	21	431	11	54	258	173
9 D	23	08	346	16	55	254	92	04	28	38.0	02	23	04.2	33.8	00	08	409	04	18	268	141
10	10	56	360	17	44	286	74	01	02	32.9	13	00	13.4	19.5	01	13	420	10	34	324	96
11	23	15	355	17	20	300	55	20	22	29.3	14	18	15.2	14.1	21	06	377	16	00	353	24
12	11	23	353	17	55	293	60	19	47	29.1	14	45	14.5	14.6	22	41	367	18	03	354	13
13	23	25	350	17	25	290	60	18	57	27.3	15	12	14.7	12.6	21	00	365	15	05	348	17
14 Q	06	18	353	17	00	308	45	19	56	25.8	15	53	14.4	11.4	19	55	364	06	33	350	14
15 Q	09	55	356	17	20	313	43	19	20	25.5	15	05	13.9	11.6	20	00	362	14	55	348	14
16 D	03	03	379	12	13	092	287	12	28	66.4	09	01	13.0	53.4	23	57	502	10	50	073	429
17 D	01	16	344	08	53	165	179	00	46	51.7	00	20	-23.0	74.7	00	06	492	08	42	173	319
18	23	38	339	15	40	282	57	23	53	31.2	14	33	15.0	16.2	06	00	394	09	16	336	58
19 D	15	48	341	14	19	277	64	15	48	36.0	07	12	12.1	23.9	21	50	435	15	22	326	109
20	22	48	335	00	10	283	52	19	38	29.1	02	40	00.3	28.8	00	05	416	04	05	351	65
21 Q	23	50	344	17	25	295	49	19	30	27.6	14	27	16.4	11.2	00	56	371	18	02	357	14
22 Q	22	47	352	16	50	297	55	18	58	29.1	14	48	15.6	13.5	20	15	372	06	38	351	21
23 Q	09	40	349	17	05	295	54	19	03	27.5	14	45	14.0	13.5	20	00	367	16	04	355	12
24	09	06	355	18	00	293	62	19	10	30.6	14	13	11.6	19.0	20	10	373	17	20	349	24
25	21	15	366	17	20	283	83	19	05	32.0	09	48	09.6	22.4	21	28	384	10	45	327	57
26	22	55	345	17	20	282	63	03	05	32.1	04	34	08.2	23.9	01	14	404	08	28	343	61
27	04	13	353	16	30	287	66	19	14	30.2	04	05	13.6	16.6	02	14	373	04	23	345	28
28	06	15	360	16	17	302	58	20	27	30.7	14	13	14.8	15.9	20	42	378	06	42	347	31
29																					
30																					
31																					
Mean			352			280	72			31.9			11.6	20.3			391			322	69
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 1947

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	339	344	345	342	342	344	344	335	329	328	333	333	325	320	311	306	304	308	315	325	342	346	348	343	331
2 D	348	344	335	334	351	345	342	340	363	322	319	306	287	268	288	299	302	285	253	301	385	425	412	466	334
3 D	596	456	286	253	250	260	227	203	042	-212	100	042	072	229	230	243	209	215	270	416	626	626	541	376	273
4	320	211	211	203	078	016	065	098	-139	098	276	304	291	267	253	252	258	260	263	307	303	289	300	304	212
5	305	295	306	312	314	313	312	316	316	312	312	312	304	291	288	272	262	265	280	301	314	314	321	322	302
6 Q	318	318	324	324	327	327	331	327	329	329	326	322	312	300	283	274	277	284	295	307	321	327	326	328	314
7	332	331	329	332	334	341	341	330	319	324	338	336	321	330	311	294	282	284	305	320	339	338	335	334	324
8 D	338	335	330	317	326	326	317	326	280	286	262	240	167	160	099	159	204	265	300	302	346	370	360	344	282
9	417	268	240	228	248	239	230	204	207	167	239	234	217	258	255	247	245	259	281	308	333	327	329	326	263
10 Q	321	322	322	323	320	322	322	322	324	324	323	320	304	290	297	277	267	264	274	291	310	322	332	327	309
11 Q	329	326	327	331	330	331	335	333	329	329	330	330	326	312	300	288	276	277	294	309	325	332	334	337	320
12	338	337	343	337	324	339	338	343	344	350	347	347	342	317	300	280	285	287	298	316	327	335	341	346	327
13	345	346	341	336	340	336	338	338	344	346	346	343	333	308	291	275	274	276	299	325	331	351	345	346	327
14	351	346	348	354	330	326	335	340	334	340	342	339	325	320	290	255	267	302	316	324	318	320	325	323	324
15 D	332	331	331	327	311	301	285	259	092	013	-097	257	256	150	127	168	238	285	283	282	290	284	285	302	237
16	301	304	299	300	302	305	305	301	305	309	307	302	293	275	244	230	243	254	292	314	327	346	375	346	298
17	299	314	300	263	283	264	239	264	242	274	290	285	292	295	283	279	279	285	297	310	325	331	337	330	290
18	320	329	330	327	330	328	331	330	333	330	316	314	309	294	284	274	268	286	297	326	328	331	334	338	316
19	340	321	330	327	328	330	334	331	334	335	335	335	322	312	300	285	284	304	324	337	350	342	342	339	326
20	328	331	333	325	313	319	327	320	330	336	335	332	325	314	296	284	294	306	319	325	327	340	344	341	323
21 Q	337	338	341	335	334	339	336	335	338	338	340	341	337	327	303	291	282	308	322	337	350	357	340	335	331
22	340	350	351	319	293	286	318	337	320	322	315	329	321	318	313	303	291	303	320	329	329	342	341	344	322
23	340	337	335	339	338	316	330	324	331	344	357	365	324	332	298	199	222	327	336	326	316	318	321	334	321
24	330	327	295	284	283	281	282	311	329	325	334	331	324	313	300	279	275	286	306	320	330	331	334	334	308
25	341	344	344	341	336	335	331	325	325	326	343	338	324	314	303	288	285	294	315	334	354	354	339	336	328
26	327	304	305	287	276	288	270	283	282	272	297	296	307	286	277	271	263	272	292	318	338	334	350	345	298
27	339	333	330	325	342	321	321	280	313	266	349	341	325	309	297	278	277	286	309	341	369	332	345	352	320
28 D	349	351	369	297	307	307	225	138	107	217	220	196	180	204	180	201	224	307	315	307	329	355	372	350	267
29	318	314	323	323	320	316	319	315	313	311	314	301	293	294	293	285	295	308	324	359	358	325	368	338	318
30	335	308	309	304	281	298	315	307	319	307	272	258	252	283	276	254	256	261	308	303	319	319	311	323	295
31	318	322	309	271	316	302	304	324	291	315	327	308	299	287	286	280	273	287	297	310	322	328	329	330	305
Mean	342	327	320	310	306	303	301	298	279	277	296	301	291	286	273	264	267	284	300	321	341	345	346	340	305

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 10 Agincourt — D = 7° W + . . . ′ — March 1946

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	20.2	22.1	22.5	21.9	21.7	20.8	19.9	17.2	16.4	17.7	19.4	17.7	16.2	18.1	18.5	21.2	24.5	27.5	28.1	27.7	26.9	25.3	24.9	23.8	21.7
2 D	22.6	23.1	23.9	21.3	20.4	19.3	16.9	12.3	16.5	-0.6	17.2	21.2	28.5	35.9	25.4	19.2	23.5	29.2	37.9	42.9	28.7	23.1	23.0	24.1	23.2
3 D	15.3	-5.6	14.9	12.4	14.0	19.4	20.4	19.6	42.2	49.9	59.6	50.6	47.8	27.9	31.3	34.0	33.0	35.0	23.0	08.6	-8.3	01.2	34.9	18.1	25.0
4	16.1	08.1	10.5	17.6	16.3	24.1	27.9	17.1	35.4	18.1	17.9	15.0	16.5	18.6	25.9	23.0	27.2	29.2	30.1	26.0	26.6	26.5	24.1	24.4	21.7
5	23.4	15.9	19.5	24.3	25.0	25.5	30.2	29.4	20.8	21.1	20.5	20.4	18.8	17.2	24.5	21.7	26.8	30.8	32.5	31.3	28.6	26.0	25.0	23.6	24.1
6 Q	24.9	23.6	23.5	23.3	21.9	22.9	24.1	23.0	22.9	22.3	20.8	20.5	18.4	17.6	18.6	24.4	28.4	32.4	34.1	33.8	30.5	26.7	24.9	24.9	24.5
7	23.7	23.5	21.9	21.6	22.3	22.9	22.0	23.2	24.3	19.5	16.3	16.6	28.0	24.9	16.4	13.5	16.6	30.5	32.3	31.9	29.0	26.0	24.4	24.0	23.2
8 D	22.8	22.3	21.3	17.6	19.7	20.4	16.3	16.7	22.6	18.1	28.1	39.7	37.4	43.0	25.8	37.2	32.2	15.6	21.1	29.5	21.5	25.0	22.9	20.8	24.9
9	24.0	16.3	18.1	21.3	19.4	21.9	17.8	20.2	26.5	32.8	26.0	38.6	39.9	25.4	21.2	22.2	26.8	31.2	31.9	32.0	31.4	28.2	25.6	23.5	25.9
10 Q	23.2	22.7	22.5	23.2	22.9	23.0	23.0	23.0	22.7	22.1	21.3	21.0	19.0	19.0	18.7	19.6	24.8	30.8	34.1	33.6	31.7	27.5	24.4	23.9	24.1
11 Q	23.9	23.2	23.2	23.0	22.9	22.4	22.5	22.3	24.7	21.0	18.7	19.6	18.6	14.7	15.0	18.4	22.9	26.4	28.6	29.0	27.8	25.8	24.1	23.2	22.5
12	23.0	23.6	23.1	22.3	17.7	16.8	21.4	21.1	20.5	20.4	20.2	23.3	16.8	09.2	06.7	16.0	23.3	26.7	29.5	30.4	29.0	26.8	25.7	23.9	21.5
13	23.4	22.3	22.2	21.7	21.7	21.7	21.5	22.0	21.1	20.2	17.7	15.2	14.2	14.7	13.2	18.4	24.7	30.3	31.1	31.3	29.5	25.9	22.3	22.3	22.0
14	21.4	21.4	23.2	25.7	21.5	18.6	20.8	24.1	17.8	22.3	22.3	22.3	16.6	23.7	14.6	14.0	25.9	33.5	32.1	32.6	29.6	26.3	24.4	23.5	23.3
15 D	22.0	19.3	21.4	22.4	20.4	15.9	16.9	14.7	44.3	60.6	66.1	19.2	11.2	25.9	38.2	29.2	35.0	36.3	33.1	33.9	31.4	27.5	26.7	25.8	29.0
16	25.2	24.0	24.3	24.2	22.0	22.9	23.4	25.8	24.9	22.2	21.3	20.9	19.3	18.4	21.4	27.5	32.4	29.9	28.7	29.0	28.6	25.9	23.2	26.7	24.6
17	25.0	22.0	22.0	21.4	19.3	18.1	19.9	20.4	25.4	21.5	19.9	26.7	23.1	16.8	18.1	21.5	24.4	26.3	27.4	27.9	27.7	26.6	25.5	22.4	22.9
18	22.3	23.3	22.9	18.3	21.6	22.4	23.2	22.4	21.7	21.0	23.5	22.9	17.2	16.8	18.8	22.2	24.2	29.4	29.6	30.3	31.1	29.0	26.3	24.1	23.5
19	24.3	22.0	21.9	21.9	22.4	22.0	23.0	21.9	21.7	21.8	21.0	19.4	17.4	16.9	18.5	22.1	26.9	30.8	32.8	32.0	30.2	29.3	26.5	25.5	23.8
20	21.0	19.7	22.9	22.8	21.6	18.8	20.3	21.7	23.2	21.0	20.9	19.5	18.4	16.0	17.2	20.4	26.5	29.9	31.1	32.2	30.9	27.8	25.6	25.9	23.2
21 Q	24.0	22.7	21.9	22.2	20.9	20.0	20.1	22.2	20.9	21.0	21.3	18.8	16.5	14.3	11.2	18.5	23.6	27.8	29.1	29.8	28.6	27.6	28.7	27.9	22.5
22	24.1	22.3	21.3	13.0	10.4	11.1	17.9	21.1	23.4	19.6	13.0	14.8	19.5	18.7	17.3	22.2	24.4	28.0	29.1	28.9	26.4	24.5	22.8	21.7	20.6
23	22.7	22.8	22.8	21.3	22.5	15.9	16.5	17.3	19.3	24.4	21.8	18.3	16.2	16.4	14.3	22.3	34.7	41.8	32.7	29.8	28.0	25.6	23.1	22.6	23.1
24	21.3	20.9	15.8	16.0	12.2	12.9	14.3	24.6	22.0	21.1	20.7	18.3	15.5	15.0	16.5	20.4	25.8	30.4	32.5	30.4	28.2	25.8	23.7	17.6	20.9
25	21.6	22.8	22.5	21.3	21.1	24.8	28.7	25.3	19.8	25.8	20.3	18.3	17.6	15.9	15.0	18.2	22.7	25.8	27.4	26.6	24.9	25.4	21.3	14.1	22.0
26	21.3	13.0	17.0	10.2	11.1	15.2	16.2	17.6	18.3	23.7	21.1	28.2	23.0	20.3	22.3	24.6	28.0	30.0	32.7	29.4	27.3	24.9	21.3	22.8	21.6
27	23.3	21.3	17.6	19.2	23.7	17.5	09.4	12.5	18.9	25.7	16.0	15.2	12.1	13.1	16.2	18.9	24.1	28.3	32.1	31.8	31.1	30.3	27.4	21.7	21.2
28 D	26.2	26.2	18.0	23.3	15.2	14.9	30.4	16.2	-3.4	12.0	27.4	36.4	34.9	32.4	37.5	34.0	27.0	24.3	24.4	26.7	25.1	24.0	21.9	21.6	24.0
29	23.4	20.9	23.6	23.3	22.5	22.1	21.7	20.7	19.8	18.7	18.7	17.5	17.2	18.7	21.3	26.4	31.0	31.4	29.8	25.7	25.4	27.2	26.5	27.4	23.3
30	14.8	13.9	18.3	18.2	22.3	23.8	19.2	23.3	19.7	21.0	16.6	13.9	20.3	12.9	13.1	22.4	29.2	34.8	33.6	33.0	30.4	27.6	24.6	22.4	22.1
31	21.8	20.7	18.4	20.2	16.9	21.3	15.1	14.5	17.0	18.4	17.0	25.5	20.2	21.2	22.2	23.3	28.8	31.1	31.3	31.1	28.3	25.3	23.6	23.8	22.4
Mean	22.4	20.1	20.8	20.5	19.8	20.0	20.7	20.4	22.4	22.7	23.0	22.4	21.2	20.0	19.7	22.5	26.8	29.9	30.5	30.0	27.4	25.6	24.9	23.3	23.2

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt $Z = 56,000\ \gamma +$ March 1947

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	370	368	365	365	365	363	357	358	359	360	358	355	359	361	361	359	356	363	365	365	366	365	365	361	362
2 D	363	367	373	372	368	366	362	334	336	269	299	299	311	313	344	320	321	392	413	461	514	494	533	553	378
3 D	520	485	464	358	360	367	299	246	090	028	092	219	151	327	405	394	396	429	514	540	452	452	502	438	356
4	541	382	408	379	134	117	208	245	199	240	352	391	400	398	404	403	397	408	419	444	421	408	403	396	354
5	396	392	386	384	382	377	349	344	368	380	385	385	386	385	386	379	378	380	388	389	391	390	384	384	381
6 Q	382	380	380	378	378	376	379	378	379	374	378	378	379	381	380	380	379	381	384	385	384	382	378	377	380
7	376	374	373	373	373	373	368	354	336	334	351	368	358	343	349	356	362	356	354	363	370	373	372	370	362
8 D	370	370	368	367	363	349	320	313	216	167	165	163	187	252	307	364	416	498	504	503	503	505	485	496	356
9	526	466	405	373	383	367	332	252	246	261	302	307	308	357	380	384	378	380	386	389	395	389	388	385	364
10 Q	385	382	380	379	378	378	378	378	378	378	378	378	376	373	370	366	367	376	384	387	391	386	383	378	378
11 Q	379	377	377	376	376	374	374	372	368	365	370	373	374	375	374	367	363	365	372	377	380	383	379	380	374
12	376	375	373	372	370	367	376	369	367	368	368	359	348	354	355	351	355	361	373	375	377	376	373	374	367
13	372	369	369	368	367	367	368	369	371	367	366	367	367	371	373	369	373	380	383	380	374	373	367	368	371
14	366	366	365	365	355	344	350	331	282	324	340	345	357	343	340	353	381	377	381	387	384	384	384	383	358
15 D	393	391	384	375	372	324	294	259	158	-20	036	335	374	326	318	330	400	374	379	389	402	409	396	396	325
16	392	391	385	385	387	385	383	375	375	380	384	383	379	378	373	374	383	409	441	442	446	460	489	463	401
17	414	414	416	306	355	353	300	334	332	326	347	358	363	383	382	385	387	390	397	395	397	400	393	393	371
18	391	384	383	374	371	373	377	378	378	373	362	360	367	369	371	363	376	376	375	386	396	398	385	381	377
19	385	391	388	385	385	381	378	363	370	378	379	380	379	379	379	373	380	390	397	403	404	398	393	392	385
20	399	385	385	373	352	364	373	359	356	375	379	379	379	381	380	378	380	382	388	393	395	394	392	390	379
21 Q	386	380	380	378	377	369	369	373	372	374	375	374	375	378	376	377	372	377	377	380	386	394	394	390	378
22	382	376	378	380	340	284	356	375	328	312	340	364	368	368	365	361	359	367	382	390	386	385	379	379	363
23	377	378	380	379	373	356	368	373	366	356	351	354	352	360	359	369	405	414	388	387	388	388	384	380	374
24	380	387	386	326	224	266	273	331	368	375	375	378	378	375	374	375	377	381	387	387	384	381	386	389	360
25	383	377	375	374	372	346	326	319	343	345	363	369	370	370	369	365	365	369	375	380	391	391	395	400	368
26	400	392	346	356	333	257	281	276	255	284	314	316	340	347	357	365	377	383	379	387	394	405	399	386	347
27	390	393	386	382	352	323	317	317	296	224	333	363	371	369	369	367	369	369	375	402	416	409	401	406	363
28 D	434	500	511	276	358	371	232	211	164	225	215	221	272	317	352	383	434	504	481	470	493	519	511	469	372
29	453	419	402	403	397	393	391	385	383	386	387	379	370	372	375	381	388	397	409	434	428	406	424	432	400
30	454	401	399	375	375	344	372	350	346	350	320	325	327	357	376	378	385	398	428	434	414	392	388	392	378
31	393	405	413	318	368	328	323	376	331	297	359	333	334	355	362	371	380	384	390	396	394	388	384	382	365
Mean	404	394	390	366	356	345	340	335	317	308	326	344	347	358	367	368	378	390	399	406	407	405	406	401	369

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 12 Agincourt — March 1947

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	05	57	353	16	00	304	49	18	15	28.8	12	29	14.7	14.1	00	04	372	11	35	351	21
2 D	23	59	693	13	18	199	494	19	22	46.3	10	12	-19.2	65.5	23	19	600	10	04	142	458
3 D	20	33	902	09	27	-535	1437	09	48	95.4	01	03	-31.1	126.5	23	10	752	09	22	-173	925
4	20	06	328	08	17	-144	472	08	22	77.2	01	52	-20.1	97.3	00	01	612	04	42	-108	720
5	23	06	325	16	40	259	66	07	10	35.4	01	48	11.0	24.4	00	35	398	07	12	328	70
6 Q	21	46	332	14	44	270	62	19	02	34.8	12	46	17.4	17.4	19	27	386	09	15	374	12
7	20	47	355	16	48	275	80	12	55	36.3	15	30	11.7	24.6	05	37	378	09	10	317	61
8 D	22	57	489	14	47	027	462	23	04	66.7	17	27	07.0	59.7	18	17	561	11	59	094	467
9	00	05	488	09	17	114	374	02	51	70.6	02	48	-05.9	76.5	00	52	561	09	13	199	362
10 Q	22	21	339	16	59	259	80	18	41	34.8	15	11	17.6	17.2	20	15	392	15	06	364	28
11 Q	23	59	342	17	00	271	71	19	30	29.5	13	04	13.1	16.4	22	00	383	09	08	363	20
12	23	18	352	15	22	255	97	19	53	31.2	14	55	04.2	27.0	19	51	381	12	27	337	44
13	21	23	358	16	52	267	91	19	26	33.3	13	57	09.9	23.4	18	29	384	07	52	361	23
14	03	07	361	15	48	235	126	17	00	37.6	08	45	11.9	25.7	16	45	393	08	20	257	136
15 D	20	43	346	10	15	-566	912	09	32	55.8	15	40	-09.9	65.7	11	37	451	10	05	-231	682
16	22	25	412	15	30	227	185	16	49	35.3	22	20	15.3	20.0	22	40	521	07	45	366	155
17	00	31	347	06	02	180	167	00	41	34.3	01	00	05.1	29.2	00	17	468	06	04	240	228
18	23	59	351	16	15	265	86	20	35	31.7	12	50	13.9	17.8	21	05	409	11	30	359	50
19	21	50	359	16	27	279	80	19	10	33.4	13	00	15.3	18.1	20	45	404	07	23	358	46
20	21	43	350	15	26	280	70	04	05	33.7	04	53	08.4	25.3	00	31	400	04	10	339	61
21 Q	21	21	366	16	30	272	94	22	45	30.7	12	40	08.9	21.8	22	15	397	05	32	364	33
22	02	08	355	04	53	268	87	18	23	29.7	04	53	05.4	24.3	19	33	394	05	44	262	132
23	10	44	384	15	50	172	212	17	15	47.8	14	55	06.2	41.6	17	08	423	10	08	341	82
24	22	07	340	05	24	222	118	18	03	33.3	04	20	-01.1	34.4	02	18	404	04	24	133	271
25	20	45	362	15	50	282	80	06	35	33.4	23	17	06.2	27.2	23	07	405	07	15	302	103
26	22	37	353	06	18	245	108	18	37	34.3	03	57	-03.0	37.3	21	55	411	05	08	215	196
27	21	05	395	09	32	225	170	09	30	35.5	07	20	05.7	29.8	21	05	426	09	28	166	260
28 D	02	38	395	08	16	066	329	03	52	48.0	08	55	-18.4	66.4	02	43	550	08	50	087	463
29	19	47	387	14	31	280	107	16	52	33.6	13	05	15.8	17.8	00	01	464	13	07	366	98
30	00	28	437	12	04	221	216	17	35	38.5	01	05	-01.1	39.6	00	29	612	10	24	296	316
31	21	50	335	03	27	234	101	17	55	32.0	06	58	10.6	21.4	02	41	424	09	18	252	172
Mean			396			168	228			41.2			04.0	37.2			455			239	216
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 1947

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	332	329	332	332	329	332	334	336	333	337	335	330	318	301	283	272	275	294	314	327	338	340	342	348	323
2	346	343	337	333	335	340	343	340	339	340	347	342	330	313	309	291	289	303	323	337	346	350	353	353	333
3	351	350	348	320	321	334	338	343	345	343	345	342	328	313	293	280	291	300	320	340	364	369	354	340	332
4	340	339	342	341	343	346	337	333	327	330	317	297	297	311	287	266	245	273	308	333	329	351	345	325	319
5	311	316	324	328	330	330	331	335	337	337	336	326	309	299	289	280	280	294	311	327	338	343	344	342	321
6	342	352	335	322	322	322	327	329	327	343	336	336	327	317	293	264	267	278	300	334	353	341	353	347	324
7	345	351	345	341	342	342	341	344	345	348	348	348	340	322	313	272	280	299	314	329	343	350	351	341	333
8	348	352	352	347	347	346	344	348	348	347	342	341	331	314	321	302	283	282	294	319	334	365	395	408	338
9 D	343	348	339	341	327	295	266	109	155	175	222	202	317	307	296	259	266	281	301	314	327	355	337	329	284
10	333	331	329	326	329	336	329	322	329	336	336	336	335	325	311	304	310	319	327	337	341	341	350	353	330
11	341	336	339	346	335	326	321	323	330	336	336	331	325	302	291	256	258	292	317	343	351	361	357	344	325
12	340	339	340	332	332	331	333	325	321	326	325	326	315	299	291	277	282	295	313	331	354	383	382	352	327
13	340	345	335	334	333	328	321	325	330	330	324	314	308	295	270	276	294	311	331	344	352	356	347	344	324
14	340	338	335	335	337	333	338	322	337	335	333	329	323	310	301	285	297	317	340	347	361	353	351	352	331
15	345	325	329	327	327	327	326	329	330	325	326	326	321	304	298	268	278	306	321	356	377	349	342	339	325
16	350	341	324	336	338	341	333	320	326	336	331	325	311	298	295	285	313	315	326	345	344	349	352	351	329
17 D	330	326	331	338	345	340	335	334	333	333	335	331	304	268	319	214	292	321	346	477	848	735	812	421	390
18 D	315	349	287	276	275	288	285	297	298	307	301	262	218	227	242	249	274	286	287	330	359	357	320	323	292
19 D	315	305	292	306	313	316	309	301	313	310	264	270	266	270	286	278	279	298	314	322	332	337	366	336	304
20 D	328	337	333	334	338	325	293	276	302	300	316	322	313	307	291	291	295	308	306	316	333	340	344	332	316
21 Q	333	334	334	331	312	319	301	295	331	341	341	338	332	317	300	289	293	301	319	332	347	348	338	341	324
22 Q	341	340	340	339	340	339	342	342	341	339	344	342	334	315	298	287	292	303	321	333	344	348	351	351	332
23 Q	348	350	352	345	338	348	352	352	352	352	352	347	339	324	303	288	297	316	337	360	367	365	363	357	342
24 Q	358	357	357	354	355	355	354	354	353	352	350	347	337	321	304	292	302	311	338	353	364	364	364	361	344
25	360	357	357	357	357	357	358	360	359	363	357	355	342	327	306	295	306	348	350	357	367	369	368	367	350
26	359	357	361	362	360	358	361	365	373	368	373	370	356	339	320	309	327	341	355	358	368	357	355	348	354
27	348	354	357	349	349	348	348	361	366	359	363	360	348	322	291	302	315	333	349	373	363	355	361	356	347
28	353	351	348	349	329	320	338	340	348	347	348	346	326	291	288	297	298	310	318	337	346	352	349	345	332
29	348	347	348	348	342	345	348	351	360	359	348	338	327	322	312	313	318	322	339	346	354	354	349	357	341
30	349	342	349	353	348	343	332	340	344	346	342	347	339	325	313	312	314	333	348	342	351	355	355	353	341
31																									
Mean	341	341	338	336	334	334	331	325	331	333	332	328	320	307	297	282	290	306	323	343	366	366	368	351	330

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 14 Agincourt D = 7° W + . . . ' April 1946

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	23.5	23.2	23.0	22.1	21.9	21.2	20.8	19.2	21.6	20.2	16.6	15.0	11.1	11.1	15.3	21.0	27.3	30.4	31.1	29.3	26.7	24.8	22.8	21.9	21.7
2	22.2	22.8	21.8	20.6	21.5	21.7	20.2	19.6	18.8	18.8	18.3	17.2	16.6	19.2	20.2	22.9	27.9	33.7	33.2	31.7	28.5	25.4	22.8	21.9	22.8
3	21.8	21.4	20.5	14.8	18.8	20.8	20.7	20.1	18.4	18.3	17.3	15.1	11.9	11.2	12.8	17.4	23.6	30.4	32.7	31.2	28.4	25.6	22.7	21.1	20.7
4	22.0	21.0	21.0	21.2	20.4	16.6	18.4	18.2	16.6	14.2	11.0	15.8	15.4	17.3	15.4	23.3	31.9	37.0	39.9	33.2	31.0	28.4	23.9	23.1	22.3
5	18.2	20.6	21.1	22.1	22.8	21.9	21.1	21.0	20.4	19.7	19.3	17.4	15.6	16.1	18.2	24.4	30.0	33.0	36.4	34.6	30.0	26.1	23.8	22.4	23.2
6	22.1	21.9	13.7	15.6	18.2	18.2	18.4	19.2	22.9	20.2	15.7	14.8	12.7	12.7	14.7	21.8	31.9	35.5	37.9	33.2	28.4	25.4	22.7	21.1	21.4
7	21.9	22.1	21.8	21.9	20.2	21.0	20.5	20.1	19.7	19.6	18.8	17.5	17.1	16.5	15.4	18.8	30.3	33.3	34.9	34.8	32.1	26.7	22.2	21.8	22.9
8	22.2	21.9	21.9	21.9	21.1	20.0	20.0	20.2	19.7	20.6	21.2	16.2	14.5	18.2	18.5	17.2	22.8	29.5	33.5	34.0	32.7	28.6	24.3	18.8	22.5
9 D	12.0	20.6	21.1	20.2	18.4	19.1	17.0	39.1	34.3	35.2	39.4	40.3	14.7	10.1	23.5	18.3	26.4	28.5	30.3	30.3	29.1	26.1	23.6	23.9	25.1
10	23.6	21.8	15.0	21.1	21.1	22.0	22.7	14.6	18.1	20.1	17.3	15.6	14.4	13.8	14.6	19.9	24.6	28.2	30.2	31.1	29.9	27.3	23.8	20.5	21.3
11	21.3	22.6	22.7	22.1	18.2	22.0	22.6	21.8	21.5	19.1	17.3	14.4	13.3	12.2	14.6	19.3	27.0	34.7	36.7	33.4	30.9	27.2	23.3	21.1	22.5
12	22.0	21.8	21.6	20.3	21.4	20.1	18.5	19.6	22.5	22.0	18.2	17.2	13.6	12.3	15.8	21.9	25.5	27.9	30.2	29.9	27.5	25.7	23.4	22.8	21.7
13	22.7	21.1	21.7	22.7	21.6	18.1	17.5	19.9	20.7	19.9	20.1	19.2	15.7	17.2	20.1	26.4	29.0	31.0	30.9	29.7	28.2	24.9	22.7	23.2	22.7
14	23.0	22.1	21.8	19.9	21.4	20.9	21.1	27.2	18.1	18.6	19.9	19.0	14.1	15.6	17.2	21.4	26.9	28.2	28.7	30.2	28.7	27.2	25.4	23.7	22.5
15	23.6	22.7	17.4	13.2	15.4	18.4	18.1	21.6	21.0	22.0	16.5	11.9	12.0	12.6	13.8	18.9	26.5	29.8	31.4	30.2	26.3	26.5	22.6	22.4	20.6
16	22.0	20.1	17.3	21.5	21.4	20.1	18.7	19.6	19.4	17.6	17.1	15.4	17.8	19.3	19.1	24.4	30.2	30.7	32.3	31.0	29.7	27.4	24.0	23.5	22.5
17 D	24.6	22.9	17.4	20.9	08.2	24.6	19.5	19.4	19.0	18.7	17.3	16.1	12.3	12.9	19.0	13.1	31.2	34.2	33.2	40.0	-1.3	03.5	37.0	36.0	20.8
18 D	29.6	24.1	30.0	26.4	25.9	25.2	25.6	24.1	22.7	21.8	18.4	29.0	37.1	36.0	23.6	26.7	32.4	28.9	26.3	26.3	24.7	26.3	24.1	26.2	26.7
19 D	24.5	24.3	11.0	21.9	23.6	24.7	25.1	26.5	19.4	15.7	19.1	20.8	17.5	18.5	20.6	21.9	22.9	28.9	28.3	28.2	26.1	24.8	24.4	24.1	22.6
20 D	20.9	23.3	23.1	22.6	20.5	15.5	20.9	14.6	09.1	17.5	19.9	17.0	15.7	16.9	18.3	22.6	25.2	24.8	30.0	31.0	27.8	25.3	22.7	22.1	21.1
21 Q	21.9	21.8	21.4	20.2	13.9	16.5	15.7	22.3	22.8	17.2	17.1	15.0	13.3	13.2	15.5	21.1	25.8	29.9	31.8	31.2	28.7	25.7	23.1	21.8	21.1
22 Q	21.9	21.9	21.8	21.1	20.2	19.5	20.9	20.9	20.1	19.3	18.1	16.2	13.8	13.5	15.5	20.9	26.3	30.8	32.6	32.4	30.2	26.6	23.5	21.2	22.1
23 Q	20.9	20.9	20.9	19.8	17.9	20.0	20.6	20.0	19.3	18.4	17.3	14.5	12.1	11.7	15.4	23.1	28.6	33.3	34.7	33.6	30.2	27.2	24.3	23.3	22.0
24 Q	22.7	21.9	21.4	21.3	21.1	20.7	19.7	19.2	19.1	18.2	16.6	14.6	11.7	10.1	12.7	19.3	25.7	30.1	32.3	32.8	30.3	27.2	24.2	22.3	21.4
25	22.0	21.4	21.2	20.9	20.2	20.2	19.7	18.9	18.4	18.8	17.6	14.5	12.1	14.5	11.1	17.9	22.2	30.0	30.3	33.0	31.0	28.4	24.2	20.2	21.2
26	19.2	18.5	19.6	20.2	20.0	19.6	19.7	18.5	18.2	19.3	16.5	14.1	10.2	09.1	13.0	19.2	27.3	31.7	33.0	33.4	32.3	27.4	22.4	21.7	21.0
27	22.2	21.7	20.4	19.6	18.2	16.3	19.1	18.4	20.2	21.0	19.3	13.9	12.1	12.1	14.7	23.5	26.4	28.2	30.9	27.3	24.8	23.2	20.3	20.0	20.6
28	19.9	21.0	21.1	19.4	14.8	12.4	18.2	20.2	19.3	17.5	15.1	12.9	10.2	12.9	12.8	23.5	27.9	31.2	32.7	30.9	29.3	25.5	22.1	21.0	20.9
29	21.2	21.5	21.2	20.0	16.5	18.1	17.0	18.2	19.4	21.0	15.5	08.4	09.1	10.1	17.4	24.1	26.9	29.0	30.9	29.3	26.6	24.8	22.9	20.9	20.4
30	19.2	19.3	21.5	21.8	24.2	18.9	16.6	17.4	19.4	19.9	20.0	13.8	10.1	11.1	14.7	23.0	25.5	26.6	25.6	28.0	24.8	22.7	22.4	22.0	20.3
31																									
Mean	21.9	21.8	20.5	20.6	19.7	19.9	19.9	20.7	20.1	19.7	18.4	16.8	14.3	14.6	16.8	21.2	27.3	30.7	32.2	31.5	27.8	25.4	23.8	22.6	22.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 15 Agincourt $Z = 56,000\ \gamma +$ April 1947

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	380	379	378	378	379	379	370	366	360	348	367	371	371	370	372	367	364	370	375	379	384	388	383	378	373
2	374	373	373	376	375	373	364	367	370	372	376	373	372	373	368	367	371	380	382	383	385	387	382	377	375
3	374	373	374	376	382	381	378	371	370	372	373	373	372	371	370	370	377	377	373	376	380	382	377	381	375
4	383	382	376	371	354	343	354	344	323	278	289	309	335	358	364	369	380	390	393	409	416	421	430	437	367
5	435	406	388	382	377	377	376	376	376	375	376	376	371	369	366	370	371	387	389	378	372	378	382	382	381
6	378	376	372	338	354	367	368	365	335	326	354	372	378	374	372	365	363	368	378	383	385	384	378	377	367
7	373	371	371	372	371	371	371	371	371	371	371	373	370	369	371	373	381	371	369	371	374	378	384	383	373
8	376	371	370	370	370	369	370	367	368	368	365	371	369	369	366	361	361	365	375	382	383	385	382	407	372
9 D	452	399	397	389	384	348	255	168	162	166	211	230	371	389	385	375	386	395	400	402	398	404	396	385	344
10	383	383	379	373	373	375	346	329	363	374	378	381	381	378	372	366	360	369	377	383	384	384	383	387	374
11	388	381	377	374	360	366	371	377	371	372	377	372	371	371	367	366	378	383	378	377	377	384	393	395	376
12	385	379	378	376	372	356	343	345	346	343	355	363	360	361	363	367	372	373	376	384	390	402	427	412	372
13	401	399	401	387	379	378	377	378	379	376	372	365	366	372	370	373	378	383	387	391	394	402	396	393	383
14	390	394	393	385	368	358	345	344	355	373	372	366	373	379	377	369	366	366	373	382	401	402	395	393	376
15	397	401	367	338	336	352	360	370	369	345	339	363	360	363	365	373	382	383	384	386	396	396	403	391	372
16	384	386	385	377	373	370	365	330	339	360	368	370	365	366	366	365	365	364	378	388	386	385	395	398	372
17 D	415	397	383	378	361	334	357	361	370	370	372	373	367	354	356	334	354	361	391	456	456	058	459	501	371
18 D	444	452	409	406	401	407	396	380	384	386	385	357	295	303	337	372	393	400	392	412	433	469	440	419	395
19 D	405	405	390	379	380	351	348	306	362	367	352	364	356	357	369	374	381	391	387	380	380	381	392	397	373
20 D	395	384	380	375	368	260	273	310	367	352	348	362	357	362	364	375	381	386	388	392	386	386	384	380	363
21 Q	378	377	375	373	360	357	342	331	346	370	370	370	375	372	371	372	378	381	384	383	380	380	379	378	370
22 Q	374	374	372	372	370	370	371	371	371	372	375	377	378	379	379	373	371	372	375	379	378	377	377	376	374
23 Q	373	372	370	370	370	370	370	370	369	370	370	372	371	371	371	370	370	364	364	370	370	370	370	369	370
24 Q	371	369	367	369	367	367	364	366	367	367	369	371	372	372	369	363	358	352	353	358	361	366	370	368	366
25	366	365	366	365	365	364	364	361	362	365	364	362	363	366	359	359	355	359	361	367	370	372	372	372	365
26	371	372	367	365	363	363	363	361	359	355	359	361	361	358	349	349	346	342	347	362	373	388	391	386	363
27	376	371	369	368	366	360	360	354	359	359	352	358	363	364	365	365	363	363	368	381	386	381	377	370	367
28	368	368	368	366	356	343	362	366	361	368	372	373	368	366	359	358	360	364	370	384	389	389	384	378	369
29	373	372	370	370	367	368	362	364	369	355	329	347	354	359	364	366	365	370	378	384	388	389	384	381	368
30	381	378	375	368	322	341	360	368	369	369	362	362	362	360	356	355	354	363	370	372	377	380	375	372	365
31																									
Mean	389	384	378	373	368	361	357	351	356	355	358	361	364	366	366	366	370	373	377	385	388	378	392	391	371

Table 16 Agincourt April 1947

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	23	33	352	15	59	265	87	18	43	31.8	13	05	10.0	21.8	20	58	389	09	23	335	54
2	23	03	355	15	58	277	78	17	50	35.5	12	50	16.2	19.3	21	53	387	15	33	359	28
3	21	10	387	15	08	276	111	18	22	33.3	13	45	09.7	23.6	19	58	387	07	50	364	23
4	21	57	383	16	28	240	143	18	21	40.9	09	54	07.9	33.0	23	45	448	09	42	252	196
5	23	05	355	16	00	275	80	18	28	37.4	00	28	11.9	25.5	00	19	462	14	35	364	98
6	01	56	358	15	58	251	107	18	27	39.2	03	02	-01.2	40.4	20	56	389	09	16	320	69
7	21	57	356	15	50	261	95	19	00	35.5	15	10	12.9	22.6	22	35	384	14	20	363	21
8	23	00	431	17	05	275	156	18	42	34.6	12	04	12.9	21.7	23	59	454	15	40	356	98
9 D	00	01	406	07	27	-016	422	11	13	76.6	06	56	02.4	74.2	00	22	505	07	19	041	464
10	22	53	367	15	52	300	67	19	21	31.7	08	00	10.5	21.2	23	59	390	07	30	319	71
11	21	53	367	15	50	246	121	18	02	37.3	14	15	10.5	26.8	23	30	459	04	47	351	108
12	22	13	404	15	13	271	133	18	08	31.0	13	15	10.5	20.5	22	22	431	08	41	331	100
13	21	40	358	15	00	260	98	17	53	32.6	12	13	14.6	18.0	00	01	408	11	26	363	45
14	20	33	372	16	00	280	92	19	48	31.9	12	53	13.2	18.7	20	38	408	07	30	330	78
15	20	38	392	15	45	250	142	18	54	32.7	02	35	06.6	26.1	01	38	417	04	02	302	115
16	21	47	362	15	37	269	93	18	36	33.8	02	12	11.0	22.8	23	59	406	07	32	308	98
17 D	20	30	905	15	23	168	737	22	14	69.7	21	07	-27.9	97.6	20	15	654	21	53	-070	724
18 D	01	06	436	12	33	192	244	13	15	44.7	01	20	02.0	42.7	01	19	545	12	36	267	278
19 D	22	55	388	11	00	223	165	07	08	36.3	02	25	04.6	31.7	02	22	416	07	18	265	151
20 D	05	28	362	07	45	247	115	19	02	35.3	07	45	03.7	31.6	00	03	404	05	40	203	201
21 Q	21	42	352	16	00	286	66	18	34	32.5	04	42	08.7	23.8	19	05	384	07	55	317	67
22 Q	22	32	352	15	39	285	67	18	57	33.4	12	50	12.7	20.7	14	08	380	05	30	368	12
23 Q	22	30	368	15	18	284	84	18	57	35.5	13	27	10.8	24.7	22	35	374	17	47	361	13
24 Q	20	54	366	16	00	291	75	19	04	33.3	13	32	09.5	23.8	13	09	372	17	45	349	23
25	22	00	373	16	36	274	99	19	20	33.8	13	12	09.4	24.4	22	30	375	16	37	348	27
26	20	57	431	15	43	295	136	17	55	36.4	13	40	08.3	28.1	21	00	404	17	06	335	69
27	19	58	390	14	28	268	122	18	22	32.4	14	25	08.4	24.0	20	00	390	10	45	349	41
28	21	03	368	14	22	253	115	18	18	34.7	05	05	06.6	28.1	21	02	395	05	18	333	62
29	08	52	368	13	54	298	70	18	38	32.2	12	15	04.1	28.1	21	33	393	10	35	317	76
30	21	57	371	16	15	302	69	04	28	31.1	12	40	07.9	23.2	21	33	394	04	30	310	84
31																					
Mean			395			255	140			37.2			07.6	29.6			420			304	116
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 $H = 15,000\ \gamma +$ May 1947

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	356	356	344	342	346	332	338	328	340	348	356	367	348	332	338	331	328	335	343	349	358	359	360	359	346
2 Q	348	348	350	350	346	343	348	351	350	351	348	348	342	329	320	318	330	344	354	357	357	349	346	353	345
3	351	356	357	363	356	357	358	357	355	353	348	344	340	324	312	311	320	333	344	355	359	359	362	356	347
4	362	363	361	360	359	358	362	359	365	364	356	352	342	327	314	311	326	336	352	364	369	372	373	366	353
5	361	365	369	359	346	351	347	352	352	355	351	347	333	320	305	283	292	318	345	356	362	369	362	363	344
6	364	362	364	362	362	364	362	360	362	365	361	356	342	323	307	309	325	335	350	357	367	367	369	382	353
7	365	357	361	361	360	359	359	357	357	356	357	355	340	333	330	331	339	343	357	365	370	369	368	364	355
8 Q	364	364	364	362	364	360	360	360	359	354	357	354	351	340	329	324	324	338	350	358	370	374	371	366	355
9 Q	361	364	364	362	361	363	365	364	364	361	360	357	352	341	329	323	336	349	364	376	383	371	365	363	358
10 Q	362	364	365	365	364	369	367	361	354	349	347	350	341	331	323	328	344	368	387	388	390	372	356	354	358
11	355	360	364	362	359	358	354	350	349	344	341	336	331	323	316	323	346	370	392	390	380	369	359	365	354
12	355	360	343	345	347	344	341	340	342	348	351	341	329	339	328	330	343	358	366	371	376	371	345	369	349
13	353	347	352	352	355	361	345	340	337	344	344	331	324	323	314	310	322	340	369	413	439	441	389	365	355
14 D	348	346	331	335	342	335	337	324	332	340	323	301	310	306	293	292	301	304	331	355	361	360	361	356	330
15 D	361	359	348	346	342	345	341	356	346	328	335	331	308	284	282	306	320	337	353	360	387	393	386	397	344
16 D	363	317	350	344	298	314	284	315	341	327	300	298	298	261	272	311	316	331	341	346	344	374	405	375	326
17	360	347	344	345	339	343	338	347	350	336	329	326	318	302	290	278	291	322	338	342	361	366	368	367	335
18	361	351	342	352	351	350	345	347	344	331	336	341	325	309	285	274	292	321	358	367	351	377	377	361	339
19	346	351	356	350	344	351	351	339	351	342	337	330	318	294	291	299	324	349	373	383	383	377	369	362	344
20	356	359	356	357	366	361	353	346	335	345	351	342	335	307	286	290	302	325	345	367	382	377	369	368	345
21	369	373	370	369	367	364	367	364	362	357	357	355	342	337	323	318	327	347	360	383	386	375	365	383	359
22	366	362	365	362	365	364	365	367	367	365	367	362	344	329	316	308	318	333	342	358	372	401	394	396	358
23 D	391	406	404	355	362	331	331	352	360	368	364	360	347	331	317	315	323	327	341	355	368	373	372	370	355
24 D	374	370	378	376	380	372	347	308	124	144	275	337	343	340	320	318	328	344	358	358	354	349	350	337	320
25	331	342	343	332	325	335	342	344	340	341	338	345	332	327	325	331	322	330	343	356	363	372	359	361	341
26	355	356	351	343	329	338	338	351	369	359	353	353	340	325	311	311	326	347	385	391	409	433	405	380	357
27	371	363	361	364	344	354	358	347	344	358	351	343	327	297	286	292	306	318	329	353	368	373	372	373	344
28	365	367	370	361	361	362	362	362	364	358	348	355	343	295	247	290	308	330	356	365	386	407	379	363	350
29	369	367	367	372	371	380	379	374	373	365	349	353	358	324	286	256	277	334	364	367	367	374	372	364	353
30 Q	364	360	362	363	364	362	365	364	360	361	361	360	355	340	334	335	345	355	374	390	387	383	368	364	361
31	365	365	364	361	363	363	365	371	376	374	371	369	354	335	314	295	308	325	349	393	407	377	381	396	360
Mean	360	359	359	356	353	353	351	351	338	345	346	345	336	321	308	308	320	337	356	368	375	377	371	368	348

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 18 Agincourt — D = 7° W + . . . ′ — May 1947

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	22.8	19.0	17.5	19.2	20.4	21.5	24.1	22.7	20.0	20.2	19.0	19.7	15.7	17.0	21.0	21.3	21.2	25.3	28.2	25.2	23.3	21.7	19.2	18.7	21.0
2 Q	21.7	21.9	22.4	22.8	22.8	22.0	21.2	21.5	21.3	20.1	18.8	15.7	14.8	14.8	18.4	23.6	26.3	27.6	28.1	27.1	25.4	23.7	22.7	21.8	22.0
3	21.9	21.2	21.7	19.5	21.5	21.1	20.4	21.3	22.0	20.3	17.6	14.5	12.0	13.9	19.7	27.3	31.8	34.4	34.4	32.1	28.8	25.4	22.5	22.8	22.8
4	21.9	21.8	22.2	21.9	21.6	21.6	20.9	20.3	20.6	20.3	15.4	12.4	11.0	12.2	16.4	24.2	29.1	30.8	29.9	29.8	27.6	24.2	22.1	21.1	21.6
5	21.8	21.2	19.3	19.4	20.1	18.4	19.3	21.7	21.5	19.0	14.2	10.6	09.1	16.1	20.1	21.2	27.3	30.9	30.9	31.3	29.9	25.7	22.9	21.0	21.3
6	21.3	21.9	22.1	21.9	21.5	18.5	19.0	19.8	20.9	21.0	17.2	12.8	11.7	13.3	16.4	24.6	30.4	30.8	30.7	31.5	28.8	26.3	23.5	18.2	21.8
7	15.5	21.5	22.2	21.7	20.9	19.5	20.4	20.1	20.6	19.4	17.0	15.2	13.2	14.1	15.4	21.6	24.7	27.5	29.0	29.4	27.5	24.5	21.8	20.7	21.0
8 Q	21.3	21.6	21.8	21.5	21.0	20.6	20.7	20.0	20.1	19.1	17.6	15.8	13.1	12.8	16.5	20.3	23.1	26.8	29.4	29.8	27.9	25.5	22.4	21.3	21.3
9 Q	21.8	21.8	21.3	21.8	21.7	21.1	20.2	19.9	19.7	18.9	16.2	14.1	12.4	12.6	14.2	18.8	24.3	27.2	28.4	27.7	25.4	22.9	21.5	20.9	20.6
10 Q	21.6	22.2	22.1	21.9	21.6	21.2	20.9	19.2	18.6	17.0	15.0	12.3	10.2	10.7	15.4	25.5	31.9	33.2	32.0	30.5	26.8	26.4	24.0	22.3	21.8
11	22.8	23.4	23.1	23.8	22.6	22.2	21.6	20.3	19.4	17.9	14.6	13.8	12.8	15.2	18.4	23.8	28.9	30.4	29.4	27.6	25.3	23.0	23.2	23.7	22.0
12	21.9	18.4	20.0	28.6	22.3	23.3	22.2	20.4	18.8	17.0	14.9	15.0	14.6	12.5	14.0	20.3	24.4	27.1	27.1	25.8	22.6	20.9	21.4	20.7	20.6
13	22.9	25.4	24.4	22.7	21.2	20.6	19.8	18.3	17.7	16.5	15.5	14.3	15.3	17.4	20.6	24.5	28.3	31.8	32.3	30.4	25.3	20.1	21.4	20.1	22.0
14 D	18.2	22.3	21.7	21.0	25.4	21.9	24.1	25.6	23.1	24.7	20.9	16.4	21.2	18.4	18.8	25.4	27.4	32.0	30.7	25.9	23.4	20.9	18.6	19.1	22.8
15 D	21.6	21.3	12.1	13.8	21.0	20.1	20.0	18.4	19.1	22.5	17.3	15.4	12.9	15.5	13.7	29.4	28.2	27.7	28.2	24.6	21.4	20.3	20.1	15.4	20.0
16 D	15.4	17.3	13.4	12.1	31.1	15.3	23.2	37.8	19.2	23.3	27.7	17.3	11.8	17.1	23.7	24.4	28.2	28.6	28.0	27.1	25.9	21.5	16.3	17.6	21.8
17	17.7	18.7	19.5	23.2	23.8	22.7	29.5	23.1	20.7	20.3	19.0	16.6	17.5	17.6	17.2	22.5	30.7	30.4	31.4	32.7	29.2	21.9	19.2	18.9	22.7
18	19.2	19.5	20.7	20.0	19.3	18.2	20.1	24.3	22.9	14.5	13.2	09.8	07.6	08.5	12.0	22.3	27.7	30.4	31.9	31.0	31.9	27.4	22.4	20.4	20.6
19	21.9	22.2	20.3	21.6	24.4	19.3	18.5	19.6	24.2	18.6	15.4	09.8	08.9	10.3	18.3	25.8	30.9	33.6	33.6	30.9	27.4	24.5	22.3	21.5	21.8
20	21.6	22.1	23.0	22.2	20.7	21.8	19.3	20.3	19.3	15.7	13.1	12.2	08.9	10.0	15.2	25.4	31.3	31.4	31.3	30.4	25.8	24.0	22.0	20.4	21.2
21	21.1	21.4	21.6	22.2	21.1	21.0	24.7	25.2	18.1	13.2	09.8	08.4	06.7	11.1	17.1	24.7	30.9	34.7	38.3	35.8	28.2	23.7	22.2	18.3	21.6
22	20.1	21.9	22.0	21.9	22.0	22.1	21.6	20.8	19.9	18.3	14.8	11.9	09.2	10.7	16.6	25.0	30.9	33.6	35.3	34.0	29.6	24.8	20.1	19.8	22.0
23 D	22.2	21.9	20.0	02.1	13.8	18.9	09.3	15.6	15.8	11.6	08.9	06.2	04.7	07.9	13.4	18.9	28.9	36.4	35.8	33.3	29.7	26.4	22.9	21.3	18.6
24 D	21.0	21.8	21.3	20.9	19.5	15.4	17.3	21.2	63.4	08.4	16.3	13.0	09.4	10.4	15.6	19.8	24.4	28.0	28.8	29.3	28.4	26.7	24.1	23.4	22.0
25	22.9	22.1	23.0	22.5	22.8	21.4	20.2	21.3	21.7	21.1	19.5	13.4	13.4	13.4	14.3	21.8	27.0	29.5	28.7	28.0	25.0	22.3	20.7	18.6	21.4
26	20.0	18.3	16.3	15.4	14.6	16.3	18.3	25.4	23.6	18.6	17.4	15.2	14.3	17.8	21.3	28.6	33.4	31.3	30.1	28.9	24.6	17.4	13.4	14.8	20.6
27	17.9	18.3	14.9	21.4	19.4	18.2	18.8	21.3	23.2	20.1	13.9	09.2	08.0	10.7	18.9	22.8	27.8	28.9	30.9	27.9	26.2	21.3	18.3	17.6	19.8
28	20.3	22.3	22.7	23.4	22.5	21.7	21.3	21.3	20.1	17.5	13.9	12.0	08.4	09.7	21.8	34.4	31.3	33.6	33.0	31.6	26.9	21.4	18.8	17.4	22.0
29	19.9	21.2	21.0	20.3	19.8	15.2	20.4	20.7	18.6	22.3	17.5	06.4	09.2	12.2	16.5	27.3	33.6	34.9	33.5	30.0	23.1	19.5	17.9	19.3	20.9
30 Q	21.6	22.9	23.8	23.2	23.0	22.2	22.0	21.6	21.0	19.4	18.3	16.7	16.5	18.5	22.7	24.9	28.2	30.1	30.6	27.8	24.5	22.3	20.7	20.4	22.6
31	21.3	22.3	22.9	22.5	22.0	21.3	20.9	20.2	19.0	14.9	12.3	11.2	10.1	11.6	15.5	16.7	22.8	26.8	31.0	25.4	22.2	22.8	20.3	17.3	19.7
Mean	20.8	21.3	20.7	20.6	21.5	20.2	20.7	21.6	21.8	18.4	16.3	13.2	11.8	13.4	17.4	23.8	28.3	30.5	31.0	29.4	26.4	23.3	21.0	19.8	21.4

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 19 Agincourt $Z = 56,000\ \gamma +$ May 1947

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	371	371	373	369	362	342	331	342	359	371	374	375	375	366	367	364	361	363	365	371	378	381	375	369	365
2 Q	363	363	362	360	361	363	363	363	363	365	366	365	365	365	362	354	351	351	352	359	365	368	369	366	362
3	364	364	362	358	358	358	355	358	361	361	364	358	356	349	337	327	326	335	341	349	359	364	366	361	353
4	361	358	357	356	356	356	355	355	358	353	359	360	356	352	350	349	346	353	358	366	373	369	366	361	358
5	359	358	356	352	354	352	345	333	343	358	361	361	356	346	345	342	348	356	364	368	365	368	364	362	355
6	361	360	357	358	356	352	350	354	356	360	358	359	357	353	349	349	349	348	348	353	358	362	366	375	356
7	373	363	359	357	356	353	353	354	357	359	364	362	359	357	356	347	351	355	356	362	367	365	363	363	359
8 Q	359	359	357	357	356	358	356	355	356	359	360	357	356	357	356	346	344	356	365	369	369	368	365	362	359
9 Q	359	357	356	357	357	356	356	356	356	358	360	360	359	356	353	351	356	361	361	365	370	368	362	357	359
10 Q	357	357	354	354	355	355	354	348	351	354	357	353	353	348	347	339	343	344	352	360	370	377	378	374	355
11	370	366	363	363	361	362	360	357	360	360	363	360	358	351	345	340	337	342	348	363	391	403	410	409	364
12	404	392	362	377	372	371	370	366	366	371	371	357	344	346	352	356	360	363	363	368	373	378	373	381	368
13	378	367	363	360	357	354	347	348	356	364	368	366	359	358	361	356	347	353	364	381	407	452	443	431	373
14 D	414	391	403	393	355	375	381	352	351	347	310	319	341	363	371	371	380	385	382	395	394	391	388	382	372
15 D	372	369	348	302	325	359	367	358	349	301	341	354	355	352	358	359	358	359	364	372	391	407	416	447	362
16 D	430	381	364	296	255	321	300	250	325	328	292	308	343	351	357	371	376	373	379	387	393	404	433	407	351
17	395	392	388	377	362	341	315	342	359	356	368	358	348	343	349	353	356	366	378	386	394	402	388	378	366
18	376	380	385	358	339	340	343	329	315	342	367	370	363	360	359	357	354	368	396	411	400	393	391	392	366
19	383	377	361	349	331	342	307	301	306	335	347	354	360	360	361	358	360	366	368	367	371	380	388	389	355
20	381	375	370	354	338	337	342	348	355	372	374	368	366	366	363	357	354	360	366	371	379	378	380	377	364
21	370	366	365	365	361	355	336	326	349	361	366	361	356	352	348	347	355	352	352	357	356	364	370	375	357
22	368	364	363	362	362	361	361	360	361	365	367	364	357	355	349	341	347	353	364	376	384	377	376	366	362
23 D	362	361	367	373	378	339	363	385	374	373	371	368	367	362	359	353	353	349	353	358	368	373	372	369	365
24 D	365	360	360	355	344	326	306	168	-107	306	378	376	373	371	374	375	379	382	385	385	380	379	382	377	336
25	376	380	382	376	376	374	366	363	374	375	372	371	357	346	353	354	357	365	378	386	387	393	390	386	372
26	379	374	371	352	333	338	336	351	355	366	359	368	362	363	364	366	364	363	378	390	393	408	413	407	369
27	386	377	367	366	357	354	354	353	346	353	357	360	355	351	349	345	352	356	367	380	389	388	384	382	364
28	375	370	367	365	365	361	363	363	361	367	364	364	362	352	358	351	346	360	383	395	394	402	394	385	370
29	375	367	363	361	359	337	343	338	334	354	326	335	348	352	358	360	376	379	379	388	405	394	385	371	362
30 Q	369	365	362	359	360	361	361	362	365	369	368	364	359	358	358	356	368	373	382	380	376	376	374	372	366
31	368	363	361	360	361	362	362	364	363	359	366	362	357	353	349	354	365	362	372	384	405	414	417	415	371
Mean	375	369	365	358	352	352	349	342	338	356	359	359	357	355	355	353	355	360	366	375	381	385	385	382	362

Table 20 Agincourt — May 1947

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	12	18	369	13	41	306	63	18	15	29.7	12	30	11.4	18.3	22	00	381	07	05	316	65
2 Q	20	18	359	14	50	312	47	18	36	28.8	13	02	14.2	14.6	22	05	371	17	13	348	23
3	03	38	369	15	00	303	66	18	05	35.6	12	39	11.1	24.5	22	04	366	16	08	322	44
4	21	51	375	14	31	306	69	18	06	31.7	12	40	10.1	21.6	20	40	374	16	03	345	29
5	21	30	374	15	30	274	100	20	22	32.7	12	15	08.4	24.3	19	30	371	07	40	325	46
6	23	35	383	15	12	295	88	19	10	33.0	12	05	10.1	22.9	23	50	378	15	15	345	33
7	00	18	373	14	15	323	50	19	29	30.0	00	20	09.3	20.7	00	15	381	15	40	346	35
8 Q	21	42	376	16	09	318	58	18	43	30.4	13	13	11.7	18.7	21	35	371	16	09	342	29
9 Q	20	47	386	15	23	318	68	19	02	28.9	12	30	11.3	17.6	20	40	373	15	24	347	26
10 Q	20	28	395	14	45	319	76	17	28	33.8	12	40	09.7	24.1	21	50	381	15	30	338	43
11	19	05	396	14	36	304	92	18	02	31.7	12	17	12.2	19.5	23	08	413	16	20	333	80
12	21	40	397	15	28	319	78	02	26	34.1	13	27	11.9	22.2	00	05	408	02	20	306	102
13	21	05	471	15	00	304	167	18	17	34.4	11	40	13.2	21.2	21	35	455	07	13	344	111
14 D	19	07	378	14	13	275	103	17	26	36.0	01	05	10.9	25.1	01	47	429	11	05	302	127
15 D	23	45	418	14	34	259	159	15	33	32.7	03	00	07.4	25.3	23	33	458	03	47	269	189
16 D	22	40	430	14	05	230	200	07	10	54.0	03	38	-06.7	60.7	22	48	453	04	15	175	278
17	21	00	384	15	13	272	112	18	48	33.8	14	05	14.6	19.2	21	00	405	06	26	307	98
18	22	04	393	15	23	259	134	20	13	33.0	12	35	06.6	26.4	19	52	412	07	55	301	111
19	19	25	388	13	50	284	104	18	27	35.7	11	35	06.6	29.1	23	00	390	07	24	290	100
20	20	53	390	15	00	280	110	19	04	33.2	12	50	06.9	26.3	23	35	381	05	21	331	50
21	20	07	393	15	00	315	78	18	48	42.0	12	30	05.8	36.2	23	40	377	07	17	309	68
22	22	48	478	14	15	306	172	19	00	38.3	12	40	07.1	31.2	22	48	409	15	37	340	69
23 D	02	05	421	09	53	301	120	18	22	38.1	03	23	-10.7	48.8	03	08	424	06	07	309	115
24 D	02	20	397	09	01	-470	867	08	40	83.5	09	08	-06.7	90.2	10	15	408	08	34	-612	1020
25	20	06	387	15	38	310	77	17	56	30.8	14	00	11.6	19.2	21	15	397	13	35	340	57
26	22	06	457	15	30	294	163	16	35	35.2	12	33	10.7	24.5	23	00	433	06	33	319	114
27	22	40	394	14	00	276	118	18	03	33.4	12	10	06.6	26.8	20	52	396	07	47	338	58
28	21	20	424	14	25	227	197	17	24	39.3	12	30	04.0	35.3	21	25	406	16	11	338	68
29	08	15	385	15	27	232	153	17	20	37.3	11	20	03.7	33.6	20	20	411	11	10	312	99
30 Q	21	20	391	15	17	318	73	17	28	30.7	12	20	15.6	15.1	18	30	383	15	20	351	32
31	20	30	422	15	52	280	142	18	35	33.6	12	45	08.9	24.7	23	22	425	14	27	347	78
Mean			398			266	132			36.0			08.0	28.0			401			291	110
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 1947

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	376	346	348	318	308	299	303	304	284	298	324	322	302	297	289	280	282	306	343	364	371	376	372	363	324
2 Q	354	356	356	356	355	355	355	353	356	360	358	355	341	324	307	298	311	329	340	360	373	378	377	377	349
3	375	365	358	341	337	349	354	355	358	361	366	371	361	339	324	301	308	332	358	364	367	369	375	368	353
4	367	366	370	370	370	367	367	367	367	370	370	373	368	365	349	340	338	353	377	396	400	392	382	374	369
5 D	372	372	369	370	373	374	372	392	339	362	396	407	390	375	347	357	360	379	390	387	416	469	466	491	389
6	408	335	336	335	330	328	327	336	340	340	348	349	343	333	325	319	315	323	340	358	374	380	382	383	345
7	385	376	374	366	359	346	347	341	330	340	344	354	349	345	334	316	306	325	345	378	405	441	451	424	362
8	382	351	343	262	307	325	327	342	339	331	333	322	308	314	289	290	305	316	345	369	372	389	369	356	333
9	361	362	361	339	358	331	344	360	361	347	330	331	336	321	325	328	328	321	350	372	379	387	380	387	350
10	375	373	358	357	357	342	352	345	352	351	343	343	333	323	323	327	328	337	353	368	383	358	375	382	351
11	362	360	357	359	354	345	346	345	349	346	347	343	331	326	322	322	342	356	359	362	370	374	377	372	351
12 Q	360	364	367	367	369	372	367	358	358	357	355	348	339	329	332	346	358	374	384	389	378	389	384	390	364
13	347	368	365	353	358	362	364	350	339	346	344	348	338	324	304	313	331	368	390	389	395	448	476	480	367
14 D	474	345	312	098	332	308	316	291	242	182	322	317	328	324	327	314	312	327	359	394	389	390	381	400	324
15	379	363	378	349	345	349	348	337	333	328	332	326	336	334	337	314	318	348	352	369	381	378	368	360	348
16 Q	367	363	364	367	363	362	366	371	368	368	368	366	371	365	350	338	350	369	390	387	386	383	383	394	369
17 D	384	384	387	378	386	309	350	352	309	313	338	347	340	325	303	324	349	359	348	421	376	387	376	375	355
18	364	368	369	371	375	359	353	351	345	338	338	336	350	343	336	327	328	335	359	384	370	396	380	376	357
19	370	374	368	359	326	355	361	365	364	366	367	357	349	319	297	293	303	334	379	394	390	392	404	379	357
20	374	367	366	372	370	369	363	349	349	369	376	377	365	348	340	313	321	334	360	378	398	398	387	375	363
21	372	376	381	385	384	388	386	382	378	375	380	376	371	365	350	341	350	363	385	402	401	397	425	386	379
22	376	391	377	367	378	373	383	383	386	382	385	385	386	373	365	348	356	363	398	414	431	441	390	392	384
23	396	355	381	368	380	385	383	376	378	374	377	377	370	365	330	332	349	394	402	398	406	402	396	388	378
24	379	371	377	378	377	377	386	376	376	373	373	379	372	370	371	361	363	376	389	393	402	394	384	385	378
25 D	378	369	366	351	347	332	316	294	288	308	312	345	325	309	304	290	299	319	352	377	395	399	369	358	337
26	367	369	364	371	372	363	343	335	335	350	316	317	334	314	309	310	356	355	366	369	387	410	414	380	354
27 Q	366	361	364	370	369	374	379	382	381	379	381	377	361	355	345	333	335	358	379	400	410	407	399	389	373
28	375	372	372	378	379	378	377	377	383	385	382	372	369	349	335	331	349	370	393	410	420	415	401	390	378
29 Q	379	372	376	373	378	385	383	380	377	379	381	373	364	351	340	332	346	367	394	408	414	403	395	394	377
30	388	364	365	377	369	357	357	352	360	369	377	372	354	350	342	329	330	345	367	388	396	402	393	388	366
31																									
Mean	377	365	364	350	359	354	356	353	347	348	355	356	349	339	328	322	331	348	368	384	391	398	394	389	359

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 22 Agincourt — D= 7° W + . . . ′ — June 1947

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	07.4	06.3	13.8	19.9	27.2	18.4	19.7	10.6	21.9	21.3	14.2	11.4	12.1	12.4	16.6	24.4	29.9	31.5	30.2	28.4	26.2	23.3	20.9	20.2	19.5
2 Q	21.5	22.4	23.3	23.8	23.3	22.7	22.1	21.0	20.3	17.9	14.4	11.5	10.1	12.7	17.9	25.7	30.6	35.4	36.3	34.1	29.4	25.2	20.3	16.9	22.4
3	17.0	17.9	18.2	19.2	18.5	19.8	20.8	21.5	19.8	16.7	13.1	09.3	08.3	08.4	13.0	18.0	24.4	28.7	29.8	28.6	26.8	24.8	20.9	18.6	19.2
4	18.5	19.6	20.6	20.7	20.7	20.3	19.8	20.8	18.0	15.6	12.5	10.9	10.8	10.5	12.8	18.2	21.4	27.3	27.4	25.5	23.4	21.0	19.2	18.6	19.0
5 D	19.2	19.3	18.0	19.7	20.3	19.3	19.2	23.7	25.5	06.0	03.9	05.7	06.3	07.9	13.6	15.8	21.7	24.6	30.6	32.6	27.7	26.1	24.6	18.9	18.8
6	14.2	19.8	22.6	22.5	22.9	22.5	20.8	19.1	17.9	16.1	13.4	11.2	10.1	11.6	14.2	18.4	22.4	27.3	29.9	30.8	28.8	26.8	23.2	22.5	20.3
7	21.8	23.4	22.6	21.8	21.7	20.2	21.5	17.9	20.5	16.5	13.9	10.9	10.2	13.8	14.1	15.7	24.7	30.4	33.5	31.7	25.7	23.6	19.5	19.9	20.6
8	20.2	14.9	19.2	23.3	29.3	22.8	25.5	21.2	20.8	22.4	17.6	11.2	09.2	11.4	12.9	21.3	27.6	28.2	30.3	28.4	25.4	21.8	20.9	20.8	21.2
9	21.2	21.0	16.2	17.2	25.3	22.2	18.2	24.1	20.0	17.0	21.5	21.5	17.4	17.4	20.0	21.8	25.8	27.2	28.9	27.3	27.0	23.8	21.2	20.0	21.8
10	20.4	21.2	20.4	21.5	16.7	15.7	18.0	14.8	16.6	17.1	14.0	13.1	10.2	11.2	13.9	17.6	20.8	25.4	28.5	28.4	26.8	25.4	23.7	20.8	19.2
11	21.5	23.1	23.0	22.2	20.8	20.8	19.5	24.4	20.7	17.3	15.1	12.7	13.6	13.8	16.1	19.4	21.1	22.2	24.4	27.5	27.9	26.0	23.6	22.1	20.8
12 Q	21.9	21.2	21.5	21.7	22.1	21.2	20.2	19.4	20.0	17.6	16.3	13.3	12.1	14.0	17.0	20.4	22.8	23.1	24.1	26.2	27.7	24.1	22.6	21.3	20.5
13	21.3	22.2	23.3	21.7	22.4	22.7	20.9	17.2	18.7	17.2	14.2	13.3	13.1	11.8	14.4	23.9	29.5	29.1	28.5	30.8	28.3	23.6	21.9	23.8	21.4
14 D	15.4	11.9	18.2	19.7	18.8	20.3	08.1	15.1	16.1	09.7	11.2	14.1	10.8	13.1	16.1	21.0	25.4	25.3	25.2	22.1	21.8	22.5	21.7	19.5	17.6
15	21.8	24.5	23.5	19.0	19.9	20.9	17.2	17.6	16.0	14.0	14.3	12.9	03.3	07.9	12.7	24.2	29.9	30.8	29.8	27.1	25.2	23.5	23.1	23.8	20.2
16 Q	24.0	23.6	23.0	22.7	22.1	21.4	20.5	19.0	17.6	15.7	13.6	11.5	10.8	12.2	16.3	23.6	29.9	32.3	29.1	28.1	26.3	23.9	21.8	21.2	21.2
17 D	21.8	21.4	21.2	02.4	19.7	13.7	19.9	15.0	11.5	09.7	07.5	03.6	07.0	10.1	17.0	28.6	33.6	28.2	40.8	29.1	31.3	25.3	23.2	22.7	19.3
18	23.8	24.0	23.1	21.3	20.9	15.1	18.6	19.7	17.6	16.4	17.6	11.8	06.0	07.2	11.6	15.4	23.2	28.2	29.1	31.3	31.7	25.2	21.8	17.6	19.9
19	17.7	18.7	19.7	15.8	26.7	17.9	19.9	21.8	21.2	19.4	14.8	07.9	09.5	10.6	18.3	20.8	30.0	36.4	34.8	33.5	34.1	31.2	23.6	19.5	21.8
20	19.5	20.4	18.6	20.9	18.5	18.9	20.7	22.2	21.3	19.5	15.5	10.7	07.5	07.1	10.7	14.3	23.9	28.5	30.9	32.3	27.4	23.7	21.1	19.4	19.7
21	20.1	18.9	18.9	20.1	20.9	22.2	20.7	21.5	20.1	16.7	16.0	12.8	11.8	14.0	17.6	22.4	27.3	29.8	31.2	28.6	24.9	23.0	17.6	17.6	20.6
22	18.9	15.9	17.7	16.4	19.9	21.1	21.3	19.4	20.3	17.4	22.3	09.8	08.0	10.3	15.4	18.9	23.8	25.4	30.8	28.6	25.0	21.3	22.5	19.9	19.3
23	16.3	13.1	18.1	19.1	19.7	17.4	20.9	19.2	23.3	18.9	10.1	07.1	07.6	10.7	10.1	18.5	25.6	24.3	25.8	27.5	26.7	23.7	20.3	18.8	18.4
24	18.3	19.3	17.3	20.0	20.7	21.0	20.4	21.2	21.3	22.8	18.2	12.0	10.7	12.9	13.0	16.3	19.6	23.6	26.8	25.4	23.9	20.9	19.8	19.1	19.3
25 D	17.4	19.6	17.3	16.7	16.9	23.7	23.3	16.3	15.4	24.5	24.5	10.1	06.3	13.1	16.6	20.2	25.6	29.7	29.9	41.4	26.0	22.2	21.9	22.5	20.4
26	23.6	24.3	23.4	22.3	19.1	17.7	20.1	18.0	23.7	22.1	25.3	20.6	12.8	13.2	18.0	23.2	25.8	26.1	28.6	29.2	28.9	25.5	20.0	20.1	22.2
27 Q	18.3	19.0	19.0	21.9	22.4	22.8	22.6	24.6	21.8	19.5	15.5	12.8	13.7	12.6	16.4	21.1	26.5	27.8	27.4	27.4	26.0	23.4	21.4	20.2	21.0
28	21.0	21.4	23.0	22.9	22.4	21.7	19.4	21.9	22.0	21.5	14.3	11.1	08.3	11.6	16.5	22.2	26.1	28.1	27.2	27.8	25.4	22.4	19.6	19.2	20.7
29 Q	19.3	20.0	20.1	20.5	22.3	22.8	22.0	21.3	20.5	17.8	15.6	13.7	14.6	14.7	17.4	24.4	29.5	32.3	30.0	26.5	22.7	20.0	17.7	15.6	20.9
30	16.9	19.3	21.4	21.2	19.3	16.4	19.0	24.2	20.5	20.5	10.4	08.3	09.9	09.3	13.1	18.0	23.4	26.9	29.5	26.0	23.8	21.4	19.5	17.2	19.0
31																									
Mean	19.4	19.6	20.2	19.9	21.4	20.1	20.3	19.8	19.7	17.5	14.7	11.6	10.1	11.6	15.1	20.5	25.8	28.1	29.7	28.8	26.8	23.8	21.3	19.9	20.2

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 23 Agincourt $Z = 56,000\ \gamma +$ June 1947

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	412	385	366	313	210	302	307	318	295	298	351	367	353	349	362	375	382	383	386	392	387	380	373	373	351
2 Q	373	372	372	372	370	367	370	369	372	377	375	371	369	369	366	366	371	377	384	390	390	386	383	383	375
3	376	374	367	342	334	352	368	375	378	378	378	370	360	353	355	356	365	367	367	374	376	378	380	374	367
4	378	369	374	367	367	367	367	367	369	375	376	376	375	375	369	367	375	374	375	375	375	369	367	365	371
5 D	367	369	367	369	367	365	365	335	179	278	334	365	367	367	353	349	350	365	374	365	367	402	440	483	360
6	477	415	397	390	390	390	389	390	391	393	391	390	384	381	374	366	368	368	374	385	394	403	405	400	392
7	400	398	398	385	376	376	388	382	383	376	383	385	375	372	358	358	356	363	377	384	410	450	474	492	391
8	483	448	443	304	270	351	334	346	357	370	370	366	363	362	365	370	356	360	385	403	401	402	399	401	375
9	395	385	383	371	298	287	307	308	342	357	353	338	343	346	359	365	368	365	381	385	392	404	412	407	360
10	398	391	395	382	349	360	373	374	377	367	366	360	358	362	366	361	354	358	364	375	392	396	400	393	374
11	390	385	379	376	374	367	375	353	358	376	376	372	368	366	361	351	347	359	366	371	368	367	372	376	369
12 Q	371	372	372	369	368	362	346	363	367	368	371	370	368	365	367	361	359	361	370	380	381	390	395	410	371
13	399	388	385	380	378	371	358	406	354	374	377	374	367	357	351	353	352	353	360	365	368	388	414	453	376
14 D	474	361	349	175	316	324	343	310	313	269	375	377	381	380	378	378	396	406	413	418	409	398	389	393	363
15	401	397	409	391	391	387	383	381	382	377	361	340	350	359	366	366	362	358	356	365	372	375	376	377	374
16 Q	376	373	373	371	373	372	373	371	373	373	373	369	368	363	360	355	355	354	354	361	367	371	373	377	368
17 D	371	370	370	344	252	255	268	232	251	299	350	346	360	363	363	364	361	361	364	419	433	427	399	382	346
18	377	371	372	368	374	359	349	347	350	352	344	340	355	358	354	358	362	358	362	374	376	386	394	397	364
19	396	390	386	364	299	358	372	378	380	384	385	381	376	372	372	372	381	381	388	396	396	396	401	406	379
20	397	387	376	359	366	367	358	358	370	385	387	383	382	372	364	359	367	367	372	384	388	386	384	382	375
21	380	374	374	374	372	371	365	367	372	377	383	382	375	373	372	366	365	375	377	378	384	389	401	396	377
22	388	388	382	386	378	376	373	371	375	371	373	367	368	373	378	380	376	375	377	378	388	391	388	388	378
23	390	388	381	376	378	354	345	354	352	334	354	368	365	365	368	370	365	364	359	365	372	372	372	373	366
24	376	375	373	368	369	369	360	357	363	363	344	368	372	367	362	362	362	369	373	370	378	386	395	392	370
25 D	387	384	380	374	380	301	302	281	249	273	295	348	374	377	368	368	371	380	383	390	391	403	05	400	357
26	392	385	382	380	382	366	340	351	332	327	313	319	347	357	363	371	385	387	387	388	387	394	407	413	369
27 Q	412	401	392	387	381	378	372	364	376	381	384	379	376	368	371	371	375	375	378	384	387	386	387	384	381
28	380	379	377	376	376	376	373	377	373	350	359	366	363	361	362	372	379	383	385	381	379	379	379	377	373
29 Q	381	379	377	376	377	363	353	365	373	383	383	381	377	375	376	377	373	377	379	381	387	387	387	392	377
30	394	396	388	384	373	367	331	343	368	372	384	390	379	375	378	372	371	375	383	389	391	395	396	396	379
31																									
Mean	396	385	382	362	353	356	354	353	349	356	365	367	367	366	365	365	367	370	375	382	386	391	395	398	371

Table 24 Agincourt June 1947

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	00	20	424	04	17	158	266	04	18	55.6	04	34	01.2	54.4	00	23	419	04	22	045	374
2 Q	21	31	380	16	08	287	93	17	55	37.0	12	09	10.0	27.0	20	15	391	16	08	359	32
3	00	35	385	15	50	289	96	18	10	30.5	12	57	06.8	23.7	11	00	381	04	38	315	66
4	19	38	404	16	03	323	81	17	26	28.2	13	27	09.6	18.6	10	00	383	04	50	365	18
5 D	23	48	553	08	23	308	245	08	19	43.6	09	38	-03.2	46.8	23	42	571	08	24	116	455
6	00	01	449	16	50	313	136	19	23	31.8	00	28	-01.2	33.0	00	25	553	17	08	364	189
7	21	42	489	16	05	295	194	19	00	34.6	12	28	08.6	26.0	23	19	677	06	55	354	323
8	21	59	396	03	43	136	260	04	02	47.0	12	00	07.0	40.0	02	13	510	03	57	155	355
9	21	09	400	17	37	306	94	05	02	36.3	05	43	10.6	25.7	22	47	421	04	57	263	158
10	22	13	388	13	49	312	76	18	57	29.9	12	45	02.8	27.1	22	10	405	05	00	318	87
11	22	20	387	15	40	311	76	07	58	30.9	11	47	11.4	19.5	00	13	393	08	05	337	56
12 Q	23	32	406	13	55	316	90	20	10	28.8	12	15	11.5	17.3	23	27	415	06	25	335	80
13	22	50	508	14	50	297	211	18	48	32.7	12	57	10.9	21.8	23	59	477	07	03	342	135
14 D	00	44	667	03	45	-293	960	03	44	80.7	09	43	-13.7	94.4	00	44	696	03	37	-439	1135
15	02	32	389	16	13	294	95	17	56	33.3	12	22	02.1	31.2	02	47	425	11	35	331	94
16 Q	23	48	407	16	10	332	75	17	10	32.6	12	38	08.1	24.5	00	03	381	17	50	348	33
17 D	19	45	451	15	20	261	190	18	31	44.5	03	57	-04.9	49.4	20	48	439	06	17	188	251
18	21	25	400	15	41	319	81	20	15	33.2	12	05	05.1	28.1	23	59	401	11	33	330	71
19	19	45	411	15	45	278	133	04	40	39.6	12	50	05.1	34.5	23	10	409	04	33	263	146
20	20	08	401	15	50	292	109	19	42	34.0	13	05	06.0	28.0	00	01	400	03	15	350	50
21	22	40	448	15	37	332	116	17	50	32.8	12	04	10.7	22.1	22	40	409	16	03	364	45
22	21	05	461	15	25	337	124	18	27	32.8	12	30	05.7	27.1	22	04	396	17	13	364	32
23	18	36	411	14	58	308	103	20	00	28.9	12	50	05.2	23.7	01	24	394	09	15	315	79
24	20	34	412	15	46	352	60	18	13	28.7	12	50	09.5	19.2	23	47	398	10	12	347	51
25 D	21	37	409	08	56	243	166	09	09	35.5	12	45	04.3	31.2	22	13	410	08	58	214	196
26	22	10	432	11	03	294	138	19	35	31.0	12	59	10.9	20.1	23	50	416	10	55	298	118
27 Q	20	40	415	15	47	325	90	07	15	28.8	13	32	12.3	16.5	00	28	423	07	22	357	66
28	20	55	428	15	25	326	102	17	19	29.6	12	14	06.8	22.8	17	28	385	09	50	329	56
29 Q	20	35	416	15	35	329	87	17	07	33.3	11	35	12.6	20.7	23	55	394	06	02	337	57
30	21	55	401	15	55	320	81	18	20	30.8	11	18	06.3	24.5	01	05	401	07	04	305	96
31																					
Mean			431			277	154			35.9			05.9	30.0			439			276	163
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 1947

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	383	378	380	377	374	365	374	368	376	381	379	374	359	355	348	348	352	368	368	381	394	402	382	397	373
2	374	366	376	384	363	378	382	380	373	373	375	370	364	365	364	333	326	349	376	394	402	428	390	383	373
3 Q	378	378	376	376	374	374	375	378	363	366	371	368	363	350	348	332	350	363	381	400	410	400	397	381	373
4 Q	379	375	372	375	379	379	376	374	369	365	365	374	369	353	340	334	335	353	372	384	392	396	395	389	371
5 Q	387	385	383	380	376	376	379	377	377	378	380	376	370	359	347	336	342	364	391	411	424	407	391	390	379
6	389	390	379	377	380	384	383	387	378	369	374	373	367	358	346	344	345	353	369	379	389	385	400	400	375
7	382	382	383	379	374	374	372	374	371	372	374	377	374	364	351	350	364	379	405	412	389	384	406	427	380
8	383	380	381	387	380	370	368	372	374	373	371	366	355	337	332	332	356	392	395	393	410	411	392	397	375
9	382	387	380	376	381	374	371	375	372	376	377	382	369	353	342	344	354	372	398	397	422	390	393	410	378
10	395	384	379	368	364	368	367	366	361	353	356	367	382	374	346	313	315	337	360	382	394	392	385	396	367
11	397	372	375	382	371	375	365	368	371	365	365	362	367	364	351	334	352	366	401	410	405	442	403	383	377
12	371	375	374	358	352	358	364	367	361	353	346	344	343	342	342	336	348	362	374	371	389	388	394	398	363
13	394	386	367	370	379	373	371	369	367	367	363	358	362	337	325	299	318	347	366	374	388	375	370	376	362
14 Q	385	374	379	377	376	375	376	374	371	372	372	369	356	346	337	327	330	361	387	400	410	394	392	389	372
15	385	373	373	373	369	375	374	372	372	366	361	361	356	342	329	332	336	353	377	380	386	393	385	389	367
16	399	393	389	389	373	373	375	372	373	374	374	372	361	343	331	322	336	353	363	376	390	398	403	403	372
17 D	401	397	394	392	391	391	389	389	390	388	389	385	375	361	343	341	356	380	358	432	529	545	581	800	423
18 D	656	442	406	371	356	313	308	353	332	318	306	290	302	273	201	252	240	307	365	390	335	367	365	369	342
19 D	367	330	301	309	317	299	289	322	307	280	272	313	286	262	279	295	295	307	331	330	364	347	361	358	313
20 D	354	341	330	314	330	342	339	330	324	329	307	284	287	256	291	248	291	332	349	351	366	363	369	346	324
21	337	341	334	339	351	344	347	341	334	327	322	324	324	320	302	298	321	351	366	378	384	382	375	368	342
22	353	347	346	344	350	356	357	354	347	355	360	357	350	319	340	318	323	342	373	392	410	378	394	393	357
23 D	370	371	372	378	355	358	341	372	364	337	331	364	376	346	358	334	358	354	372	385	426	416	365	387	366
24	375	365	367	374	370	378	372	380	375	370	368	372	360	352	346	346	344	362	382	400	414	403	404	398	374
25	370	377	356	353	369	377	372	387	366	368	371	364	363	330	336	329	344	348	362	370	383	385	396	388	365
26	367	377	366	388	348	354	365	348	359	365	375	342	325	334	311	332	323	344	372	398	398	388	396	377	360
27	385	377	374	367	359	333	355	369	367	377	368	361	356	344	324	307	335	354	375	377	385	385	380	379	367
28	377	372	376	375	374	377	379	374	370	357	362	357	357	335	326	329	342	365	377	388	398	393	377	383	368
29	375	368	370	370	371	363	372	370	354	347	337	349	353	338	317	325	342	359	364	365	363	370	368	370	357
30 Q	370	372	376	377	386	380	374	378	377	372	372	370	365	352	336	332	342	354	368	375	385	398	392	388	371
31	393	399	386	385	380	382	376	378	377	373	372	361	337	338	331	325	332	357	375	387	419	400	416	403	374
Mean	388	376	371	370	367	365	365	368	364	360	359	358	353	339	330	323	334	355	375	386	399	397	394	401	367

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 26 Agincourt — D = 7° W + . . . ′ — July 1947

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	17.9	19.1	20.9	22.0	20.9	19.9	19.9	19.0	19.3	17.0	14.3	12.0	10.7	10.0	14.2	19.7	23.3	26.1	30.1	28.3	24.8	19.3	18.7	17.4	19.4
2	18.6	19.9	19.6	20.9	13.3	23.9	23.5	23.3	20.0	17.4	14.3	11.5	12.9	13.5	14.7	17.0	25.6	31.9	29.7	27.7	25.2	21.5	21.6	21.4	20.4
3 Q	22.4	23.3	22.9	22.5	21.9	21.5	19.2	20.9	21.1	20.7	16.5	14.3	12.9	13.3	16.5	19.7	25.6	26.9	29.2	28.3	26.3	25.2	22.4	21.6	21.4
4 Q	22.5	22.2	22.2	22.5	21.5	20.4	21.6	22.1	21.2	19.7	16.5	13.9	10.9	11.2	13.6	18.4	22.9	28.3	30.6	28.2	27.1	25.6	22.1	20.2	21.1
5 Q	20.6	21.5	21.5	21.1	21.1	21.8	21.2	20.8	20.2	19.0	16.3	13.0	11.4	11.5	14.4	19.7	26.0	32.1	34.7	34.7	32.6	30.0	26.1	23.8	22.3
6	21.5	18.7	21.8	22.1	22.0	21.4	21.7	21.1	19.4	17.5	14.7	12.1	08.2	08.2	10.4	16.2	19.4	27.6	31.3	33.6	32.6	30.7	25.8	22.3	20.8
7	21.4	22.7	22.3	20.9	22.5	22.7	19.3	20.3	19.3	17.4	14.7	10.5	08.7	08.1	11.4	19.1	22.8	26.3	29.9	30.6	30.9	28.5	24.7	23.9	20.8
8	21.5	23.1	22.5	22.2	20.7	20.2	20.9	20.7	19.3	18.7	16.1	13.4	11.4	11.6	15.4	22.9	30.3	32.3	33.3	32.7	29.3	26.1	23.4	21.5	22.1
9	22.6	23.5	24.8	22.0	22.5	21.9	20.2	18.9	18.4	17.0	13.6	11.6	11.1	11.2	14.4	18.2	24.0	28.9	28.4	28.1	26.7	26.3	26.1	23.9	21.0
10	22.6	23.8	16.5	19.0	22.0	23.0	21.5	20.3	17.3	14.5	13.1	12.4	10.8	11.1	11.3	12.1	21.3	30.2	32.1	31.7	29.4	29.4	28.7	23.4	20.7
11	21.1	24.2	23.6	23.0	21.5	21.8	19.4	21.1	20.7	18.4	15.2	14.8	13.5	13.9	16.1	19.7	24.2	29.1	29.7	28.0	28.1	23.9	20.9	22.8	21.5
12	23.1	20.9	22.6	16.6	13.7	21.4	22.2	21.9	21.0	19.2	16.5	11.8	06.8	06.9	13.7	19.9	23.9	24.9	26.2	28.8	27.9	26.0	24.5	23.6	20.2
13	22.9	24.9	26.2	23.9	24.8	19.5	20.8	21.1	20.1	19.5	17.4	14.6	12.5	12.9	21.3	25.0	33.1	33.7	33.6	31.5	26.6	24.6	22.8	21.9	23.1
14 Q	21.2	20.8	23.1	23.9	22.8	22.3	21.8	21.3	19.9	18.2	15.5	13.0	09.5	08.8	13.2	18.9	24.4	29.0	30.3	28.5	26.3	26.7	24.8	22.2	21.1
15	19.1	20.4	21.0	20.3	18.3	19.4	21.8	22.0	21.2	18.6	16.7	14.4	12.5	14.9	19.4	25.8	32.1	39.7	37.6	35.6	31.6	25.8	22.6	21.2	23.0
16	19.9	19.3	23.6	23.9	22.9	22.1	22.2	21.1	19.7	17.4	14.5	11.0	09.5	10.1	15.5	21.6	28.7	32.2	33.0	32.8	29.6	24.6	21.9	20.3	21.6
17 D	20.7	22.0	22.0	22.1	21.8	21.7	20.4	20.0	19.3	17.6	13.5	09.9	07.5	07.7	14.5	20.4	26.2	33.0	19.6	28.9	-0.8	24.6	10.1	-0.8	17.6
18 D	00.5	17.6	18.5	23.1	20.1	23.9	26.7	26.6	17.9	20.8	16.7	13.0	18.1	15.3	23.0	35.3	38.2	28.2	20.3	16.0	28.9	25.0	20.1	16.0	21.1
19 D	05.2	14.2	15.2	21.2	22.0	26.2	26.0	22.6	23.2	25.9	23.2	15.6	16.2	22.2	24.2	24.1	26.0	27.2	28.0	28.9	25.2	26.6	23.6	22.2	22.3
20 D	20.2	18.2	20.4	12.6	13.6	22.0	22.1	19.3	24.0	25.3	27.1	25.0	18.4	25.2	23.0	28.0	34.2	28.6	25.9	25.2	22.5	21.7	18.2	19.0	22.5
21	21.2	20.6	18.1	16.9	20.0	20.1	21.8	22.2	21.6	22.6	21.2	20.2	16.3	13.6	17.3	24.1	25.9	28.0	30.1	29.9	29.2	28.2	28.1	25.2	22.6
22	24.1	24.2	22.0	20.1	22.2	21.1	20.0	22.1	25.7	23.2	13.6	09.6	07.1	06.1	13.7	21.0	25.1	29.9	31.2	29.2	27.4	29.0	23.7	18.6	21.3
23 D	19.8	19.5	15.0	20.1	18.1	19.0	20.1	19.0	21.7	22.1	25.1	22.2	20.4	21.6	14.8	18.9	24.8	25.6	29.4	28.2	24.9	22.1	26.1	22.1	21.7
24	21.6	20.8	20.8	15.4	20.8	20.3	19.5	23.6	21.8	19.9	18.3	15.7	15.1	16.2	16.8	19.9	26.2	29.4	30.4	29.3	28.3	28.5	24.3	19.9	21.7
25	19.8	18.6	18.9	19.4	20.7	21.2	19.4	23.5	25.7	20.5	15.3	13.1	12.2	13.3	22.4	24.8	29.0	28.3	31.4	30.8	30.7	26.7	20.3	17.2	21.8
26	19.9	20.4	15.4	10.5	20.0	17.5	19.2	22.8	18.1	17.2	16.5	16.6	13.7	14.8	13.5	21.8	26.1	30.4	31.3	30.6	28.9	25.3	20.4	20.5	20.5
27	20.4	19.9	21.3	18.3	11.5	15.4	18.5	18.5	20.4	22.1	21.2	18.7	17.4	14.8	15.7	21.0	26.7	27.6	26.5	28.5	25.7	23.0	20.3	19.5	20.6
28	20.6	22.0	21.0	21.8	20.5	20.7	21.3	22.8	22.8	24.7	19.4	14.7	13.6	15.5	18.5	24.0	28.6	29.2	29.0	28.5	26.3	23.4	21.3	19.8	22.1
29	19.5	20.7	19.2	19.3	19.8	22.8	20.1	21.9	22.5	20.1	17.7	15.7	11.9	13.7	15.5	24.1	27.4	28.6	29.6	29.1	27.0	24.5	22.2	21.9	21.5
30 Q	22.2	22.6	22.6	22.6	21.9	19.2	19.9	23.9	21.9	18.4	15.9	14.8	13.5	13.1	15.5	21.0	25.6	29.8	31.7	30.7	28.6	23.7	21.9	21.2	21.7
31	19.6	21.1	22.4	23.6	23.2	20.4	20.5	19.5	18.5	16.6	13.0	09.4	06.8	07.7	13.2	19.0	24.8	29.4	34.4	33.7	30.3	27.5	22.6	23.4	20.8
Mean	19.8	21.0	20.9	20.4	20.3	21.1	21.1	21.4	20.8	19.6	16.9	14.1	12.3	12.9	16.0	21.3	26.5	29.4	30.0	29.6	27.1	25.6	22.6	20.5	21.3

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 27 Agincourt $Z = 56{,}000\ \gamma +$ July 1947

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	394	386	383	380	370	370	375	381	385	386	387	388	385	380	378	377	377	385	389	392	394	404	404	410	386
2	410	401	392	381	365	378	375	352	357	379	383	378	369	365	371	375	384	388	384	394	399	405	398	392	382
3 Q	384	382	380	379	382	375	361	354	355	368	371	376	377	380	380	369	366	363	366	373	376	389	396	388	375
4 Q	381	381	378	377	377	373	373	375	376	380	381	377	374	375	373	369	373	374	370	373	383	388	390	387	377
5 Q	385	379	378	378	375	377	377	376	376	381	382	383	383	379	381	378	374	370	366	366	372	372	376	378	377
6	381	382	381	381	376	376	376	370	360	371	385	385	381	374	368	365	368	369	368	369	371	374	382	392	375
7	396	390	389	387	386	382	377	379	381	383	387	390	388	379	371	365	359	359	363	370	371	380	389	392	380
8	393	385	384	378	383	381	384	381	384	384	384	384	381	377	374	373	371	363	360	377	382	386	388	389	380
9	384	387	384	383	382	382	387	387	384	383	387	389	389	383	378	374	375	376	380	381	393	393	397	405	385
10	411	410	395	378	394	390	394	389	383	387	387	377	372	369	362	360	361	363	372	378	387	388	384	394	383
11	399	394	389	383	385	370	376	385	383	383	388	386	385	383	379	363	362	370	385	392	388	400	412	402	385
12	401	394	387	371	377	384	386	384	389	384	379	374	374	371	368	368	365	366	380	379	389	393	391	391	381
13	391	399	398	387	374	372	378	385	381	381	375	371	372	377	381	372	368	381	393	401	409	406	396	395	385
14 Q	394	391	389	386	385	382	382	383	385	388	388	384	379	377	376	366	363	371	379	391	395	391	394	396	384
15	401	398	392	381	383	357	378	383	386	384	384	382	383	383	383	372	369	373	371	373	385	385	382	382	381
16	386	389	387	380	383	386	386	383	384	386	389	384	375	374	371	372	374	367	369	377	387	392	388	386	382
17 D	384	380	380	378	380	379	379	381	378	383	384	384	381	378	378	371	370	359	371	394	475	659	726	692	422
18 D	552	472	458	368	375	362	361	399	384	350	336	348	380	382	363	360	399	474	562	578	486	471	486	511	426
19 D	507	453	336	369	408	366	333	365	370	340	340	399	393	393	393	393	394	408	409	410	423	423	426	414	394
20 D	421	425	416	385	369	400	354	322	369	390	349	310	341	349	363	376	385	387	394	409	424	442	445	424	386
21	413	411	403	386	394	394	372	386	395	401	401	395	396	402	413	398	398	410	410	410	415	410	411	411	401
22	408	409	403	403	396	388	396	396	377	377	400	401	401	402	408	397	391	394	397	411	433	435	435	436	404
23 D	423	413	394	370	373	361	335	336	352	318	302	358	390	399	400	403	404	401	409	411	427	440	435	432	387
24	420	413	410	394	349	381	394	381	387	393	393	393	397	397	394	394	388	381	387	391	400	398	395	401	393
25	406	405	413	403	400	387	389	370	366	376	398	404	403	396	380	380	380	380	387	394	413	416	418	420	395
26	413	410	401	348	350	371	332	336	361	390	408	395	380	378	378	387	400	410	416	419	416	415	421	415	390
27	412	409	403	393	380	344	298	353	383	399	398	380	374	384	397	400	400	400	409	409	413	411	407	407	390
28	409	404	401	401	398	395	381	384	379	391	394	391	392	391	394	389	381	383	393	398	403	410	411	409	395
29	405	405	403	386	381	356	368	383	381	357	358	380	392	400	397	395	394	393	396	403	409	414	408	401	390
30 Q	399	398	397	395	395	391	389	386	385	395	398	397	395	389	379	374	366	363	367	377	389	403	404	399	389
31	397	394	394	397	399	391	395	396	394	394	395	394	386	381	380	376	373	381	388	392	410	412	429	429	395
Mean	408	401	395	383	381	377	372	375	378	379	380	382	383	382	380	378	378	382	390	396	403	413	416	415	389

Table 28 Agincourt — July 1947

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	21	48	417	14	40	340	77	18	44	31.3	12	50	07.9	23.4	21	50	412	05	11	362	50
2	21	40	444	16	04	312	132	17	49	32.8	14	18	-03.2	36.0	21	41	419	07	57	338	81
3 Q	20	10	412	15	47	324	88	18	53	29.9	13	34	11.7	18.2	22	15	399	07	38	349	50
4 Q	21	03	397	16	10	331	66	18	23	30.9	13	00	10.7	20.2	22	17	390	19	05	366	24
5 Q	20	25	430	15	34	331	99	18	56	35.5	13	17	10.9	24.6	00	10	386	18	47	362	24
6	22	42	410	16	15	335	75	19	52	34.0	13	50	07.1	26.9	23	48	397	08	47	356	41
7	19	10	429	15	10	336	93	20	34	31.5	13	05	06.7	24.8	00	20	398	16	40	354	44
8	20	55	438	14	00	314	124	18	45	35.2	14	00	10.0	25.2	00	25	396	18	30	354	42
9	20	58	441	14	50	336	105	17	43	30.1	11	55	09.5	20.6	23	55	408	15	30	371	37
10	00	08	413	16	00	293	120	19	12	32.9	14	00	09.4	23.5	00	15	411	14	45	357	54
11	21	55	470	15	12	321	149	18	10	31.1	14	10	09.5	21.6	22	56	415	16	12	359	56
12	21	59	414	15	24	330	84	19	21	29.5	13	00	05.2	24.3	00	28	402	03	35	349	53
13	01	34	402	15	48	289	113	17	43	35.4	12	28	10.7	24.7	21	09	471	16	36	364	107
14 Q	20	16	420	16	00	318	102	18	20	32.2	13	40	07.4	24.8	20	18	460	16	05	362	98
15	23	59	398	14	35	326	72	17	35	41.0	05	03	07.4	33.6	00	09	403	05	12	339	64
16	22	51	406	15	30	322	84	18	34	33.6	13	15	08.7	24.9	01	26	393	17	45	363	30
17 D	23	02	864	18	05	243	621	21	04	57.6	20	10	-30.4	88.0	22	55	812	17	50	309	503
18 D	00	10	766	15	40	200	566	15	28	46.9	00	11	-00.8	47.7	00	14	673	10	47	312	361
19 D	20	28	379	10	27	230	149	02	49	43.1	02	18	-20.8	63.9	00	20	517	02	44	236	281
20 D	22	16	389	15	47	208	181	16	18	37.9	04	02	-00.4	38.3	22	10	453	06	54	295	158
21	19	13	403	15	13	292	111	18	25	31.6	03	27	10.6	21.0	20	32	425	06	37	367	58
22	20	55	457	10	00	280	177	18	16	35.2	14	17	03.6	31.6	21	43	440	09	10	351	89
23 D	20	55	475	09	55	308	167	10	15	33.0	12	15	06.5	26.5	20	57	452	10	00	277	175
24	20	55	430	16	10	332	98	18	20	31.3	03	50	08.7	22.6	00	02	425	04	38	328	97
25	22	58	411	15	15	304	107	19	45	34.4	12	34	09.2	25.2	23	00	426	07	52	355	71
26	20	22	426	14	41	300	126	18	52	33.7	03	09	-05.4	39.1	22	40	429	06	47	301	128
27	21	35	393	15	45	292	101	19	07	29.4	07	25	07.4	22.0	00	20	417	06	23	229	188
28	21	10	406	15	03	320	86	18	40	30.3	12	01	11.7	18.6	22	20	413	08	13	375	38
29	06	00	377	14	53	302	75	05	26	31.0	12	30	10.8	20.2	21	47	414	05	28	340	74
30 Q	21	35	408	15	27	323	85	18	20	32.2	12	56	12.4	19.8	22	02	407	17	45	362	45
31	20	42	432	15	00	319	113	18	48	36.9	12	45	05.5	31.4	22	24	436	16	33	371	65
Mean			444			304	140			34.6			05.1	29.5			442			339	103
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 1947

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	401	381	378	378	373	377	366	346	354	342	332	347	342	325	310	295	322	352	377	403	408	379	378	381	360
2	377	387	389	385	383	380	383	374	368	359	359	371	354	337	320	318	327	334	352	377	419	413	405	390	369
3	379	385	383	383	380	382	377	371	365	372	372	369	349	318	293	291	315	349	379	399	405	403	396	390	367
4	382	376	384	380	377	368	363	373	367	357	354	346	347	350	350	337	337	339	351	373	388	399	395	393	366
5 Q	372	383	385	385	386	382	382	377	375	375	379	378	365	349	334	323	328	341	357	379	399	409	406	393	373
6	393	391	387	387	392	383	385	382	380	382	364	365	341	321	315	299	318	334	357	387	396	386	395	390	368
7	384	379	386	382	375	367	370	374	372	372	374	368	353	335	323	318	325	345	358	385	388	394	393	403	368
8 Q	398	378	375	376	381	385	366	366	365	363	371	365	351	325	313	319	339	358	371	386	399	402	399	389	368
9 Q	389	385	390	389	385	392	375	377	377	377	373	367	354	338	323	329	350	368	379	388	392	417	385	393	375
10 Q	392	390	388	389	388	388	373	377	375	372	382	370	357	349	333	327	330	344	359	383	400	411	403	390	374
11	389	387	382	383	383	391	384	383	380	374	370	355	352	315	296	310	347	374	398	406	406	413	392	387	373
12	398	411	360	268	321	332	303	271	302	308	344	341	344	341	316	326	341	354	368	390	420	421	403	403	350
13	361	366	370	371	372	374	375	370	358	353	362	367	343	334	309	308	342	370	361	398	363	365	430	386	363
14	361	358	354	361	352	362	372	372	372	372	373	366	354	329	320	330	352	372	388	382	380	377	377	372	363
15 D	375	372	372	375	374	367	373	375	376	385	403	399	426	402	370	372	363	397	420	429	507	648	869	704	436
16 D	473	382	399	356	319	300	300	303	299	279	234	225	155	166	182	226	252	292	299	337	382	345	379	357	302
17	356	315	315	321	293	284	276	269	229	290	342	292	245	276	261	256	255	267	349	361	406	444	440	356	313
18 D	344	349	346	336	330	293	305	343	318	284	320	297	257	291	254	261	269	291	325	358	367	403	388	378	321
19	366	357	364	367	364	360	332	335	317	299	251	249	252	317	302	249	265	314	335	345	361	380	479	389	331
20	371	360	356	350	350	309	287	358	350	335	340	319	289	299	259	256	277	325	359	344	366	361	401	401	334
21	347	345	342	324	314	302	283	294	344	314	271	345	346	332	299	291	307	319	341	358	386	412	376	374	332
22 D	366	360	358	367	355	338	341	331	330	111	-083	034	197	281	261	292	311	351	348	364	371	359	347	353	294
23 D	394	341	284	222	272	276	309	300	320	331	295	292	297	263	223	296	319	316	338	366	371	359	355	350	312
24	346	346	349	355	344	333	295	314	302	324	326	315	315	309	308	321	335	343	355	398	400	389	374	364	340
25	362	351	338	350	351	340	364	348	291	305	330	338	336	312	309	306	335	350	376	377	376	362	366	378	344
26	371	375	377	373	364	359	358	357	346	355	365	341	333	337	330	339	340	347	361	376	382	382	379	375	359
27	355	365	355	355	365	364	364	365	362	343	365	359	339	319	304	311	327	343	357	368	374	378	380	380	354
28	377	375	378	375	380	374	375	374	377	368	361	366	354	330	313	320	331	340	359	382	406	397	401	399	367
29	382	370	368	367	371	366	365	371	366	370	373	354	346	323	307	301	319	344	356	374	396	393	388	386	360
30 Q	381	386	393	373	375	368	369	367	364	361	365	359	339	311	297	306	326	344	366	382	392	382	381	380	361
31	379	386	389	388	383	380	380	375	371	376	378	366	332	307	294	304	330	363	383	396	401	403	369	370	367
Mean	377	370	367	360	359	354	350	351	347	339	333	333	324	317	301	304	320	341	360	378	393	399	407	392	353

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 30 Agincourt D = 7° W + . . . ′ August 1947

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	20.3	17.6	20.3	24.4	23.6	23.1	13.4	14.0	15.1	14.6	06.5	00.5	-1.7	01.9	07.4	14.8	26.7	31.6	33.1	30.9	28.1	26.4	23.4	21.6	18.2
2	22.3	22.7	23.7	23.2	19.2	20.1	21.0	17.2	17.6	14.5	10.1	05.5	01.9	04.0	06.5	17.4	22.1	26.7	31.4	29.2	25.7	23.9	19.5	19.5	18.6
3	22.8	23.1	24.0	23.9	23.9	22.6	21.3	21.3	20.5	19.5	14.9	11.8	11.3	13.7	18.3	25.1	30.4	32.7	31.6	29.9	27.6	24.8	22.6	20.8	22.5
4	22.2	20.8	22.2	21.1	18.4	16.7	18.6	20.4	19.1	18.1	14.4	14.1	05.3	04.6	13.7	15.9	23.1	27.3	30.1	30.1	27.6	24.5	21.8	21.2	19.6
5 Q	22.7	22.9	18.6	20.4	21.9	21.2	20.4	19.0	18.4	17.6	14.7	11.6	09.2	08.6	12.2	16.6	21.7	27.1	30.4	31.3	27.6	25.7	22.7	21.3	20.2
6	23.0	23.6	22.1	21.9	21.0	18.5	18.9	19.2	19.4	19.9	18.3	14.9	08.3	08.6	14.8	23.2	30.0	33.2	36.3	35.3	31.9	26.7	22.5	20.3	22.1
7	19.9	22.3	20.8	15.9	14.4	19.0	20.8	21.3	20.1	18.3	13.7	10.1	08.3	09.0	13.2	18.9	25.7	30.6	33.6	31.2	29.4	25.7	23.0	21.3	20.3
8 Q	19.8	21.2	24.0	24.0	22.9	21.9	18.4	19.0	19.0	17.9	14.0	10.6	09.5	10.1	18.6	25.1	27.7	29.2	31.3	29.5	25.5	22.2	20.7	21.9	21.0
9 Q	23.1	23.7	23.6	21.6	22.2	21.3	20.4	19.7	19.4	18.3	16.6	14.5	13.1	14.8	18.2	23.2	29.0	33.1	34.9	33.1	30.9	27.9	26.7	25.8	23.1
10 Q	22.6	23.6	23.1	22.0	20.4	19.1	16.6	18.6	18.5	16.9	16.7	12.5	10.7	11.8	15.9	21.6	25.8	28.0	28.4	27.3	26.7	25.3	24.6	24.4	20.9
11	24.5	24.0	24.3	23.1	22.3	21.2	19.4	19.9	19.1	18.2	15.8	11.0	10.5	09.5	17.2	29.7	35.2	37.7	37.4	34.5	31.7	27.6	23.2	22.2	23.3
12	22.6	20.5	16.7	33.7	22.1	17.0	13.9	20.4	22.8	05.2	08.1	07.4	05.8	08.5	12.0	22.4	25.5	28.1	29.5	29.2	27.9	26.2	25.7	24.4	19.8
13	24.9	26.3	24.0	23.0	20.8	20.8	18.1	22.1	25.8	21.8	14.3	10.1	10.5	13.2	20.3	29.2	28.5	37.9	31.1	27.6	27.2	25.6	18.6	18.6	22.5
14	19.8	12.8	14.5	19.9	19.2	21.3	21.7	21.6	22.8	21.6	19.9	16.8	15.7	18.0	22.0	28.7	32.8	34.9	34.5	31.2	26.3	23.0	19.9	20.3	22.5
15 D	21.7	22.8	22.7	22.0	21.2	18.5	20.8	22.5	22.6	21.9	11.0	02.4	04.6	01.9	07.4	17.9	28.5	31.7	31.7	31.6	27.1	26.7	15.5	16.5	19.6
16 D	15.4	19.9	24.0	27.7	28.2	27.7	26.5	19.5	20.8	20.3	17.6	15.0	21.7	37.2	32.8	33.0	34.6	34.2	34.8	29.3	23.5	22.6	19.4	17.4	25.1
17	14.1	11.0	11.0	09.0	06.8	20.8	34.4	24.1	38.6	35.0	15.9	19.4	21.9	15.3	20.6	33.3	34.4	37.8	27.1	27.7	22.6	16.2	16.3	21.0	22.3
18 D	22.2	-8.1	17.6	18.0	26.3	25.7	20.4	23.7	26.7	37.2	19.5	16.7	32.1	24.0	25.4	30.8	33.0	33.7	25.8	25.0	25.6	21.8	18.6	09.2	22.9
19	22.8	24.2	12.8	21.6	18.0	17.6	18.3	20.0	29.6	29.2	36.2	32.8	28.7	19.1	14.6	22.2	42.5	28.2	31.9	30.0	28.7	25.9	21.3	17.9	24.7
20	15.3	04.6	18.6	20.7	20.8	34.0	28.8	24.5	20.1	22.6	24.0	22.1	21.6	20.5	25.2	25.1	33.9	31.6	27.7	31.4	27.4	25.8	20.4	17.6	23.6
21	17.4	18.3	11.4	08.1	17.0	16.1	26.3	18.5	22.6	31.7	33.9	19.5	14.8	18.1	22.1	28.7	28.6	33.2	31.4	30.6	25.3	20.5	24.1	22.8	22.6
22 D	21.7	20.6	19.0	21.4	19.8	06.9	16.6	20.1	36.0	80.2	17.5	49.2	19.0	26.5	26.8	29.2	27.7	29.8	29.5	28.0	24.0	23.9	23.5	22.0	30.8
23 D	14.2	08.4	19.7	46.6	25.0	30.6	09.8	22.9	22.0	21.8	24.2	23.3	19.7	19.1	24.1	27.8	25.8	24.1	27.1	26.9	25.8	23.6	24.0	22.0	23.3
24	19.7	20.2	17.8	21.7	16.1	25.4	30.8	16.3	17.2	19.7	19.4	15.6	16.8	21.4	26.1	29.8	31.5	30.8	28.7	24.3	23.6	22.3	22.0	22.4	22.5
25	20.2	20.9	11.1	13.8	21.1	32.0	24.5	23.9	37.5	35.9	18.4	09.3	14.7	20.7	25.9	30.2	34.1	31.1	28.7	27.8	25.4	24.4	21.7	22.1	24.0
26	24.7	25.0	25.2	23.5	20.1	15.0	16.5	19.9	17.8	17.2	15.7	17.0	20.5	19.6	24.3	29.8	33.9	34.8	32.2	28.4	25.3	23.4	22.1	20.3	23.0
27	17.1	19.6	18.9	20.3	21.5	21.1	29.0	31.7	13.6	19.7	16.2	11.1	10.2	14.4	20.4	26.9	30.5	31.8	30.2	27.9	25.9	23.5	23.2	23.5	22.0
28	24.4	25.0	23.9	22.7	23.8	22.1	20.3	19.5	17.8	17.1	15.2	11.9	09.1	09.6	13.6	22.4	29.0	28.7	30.5	29.1	26.0	25.0	25.1	25.1	21.6
29	20.8	20.0	19.7	20.5	20.7	22.6	19.3	22.0	20.4	16.0	12.0	07.7	05.9	10.2	16.6	19.6	30.3	32.0	31.8	30.6	28.0	24.9	22.9	22.7	20.7
30 Q	23.8	24.0	23.4	21.3	22.8	21.4	19.7	16.1	15.8	16.7	15.4	12.4	10.4	11.6	16.7	24.2	30.6	33.3	33.0	31.1	26.9	22.5	20.5	21.4	21.5
31	22.5	23.2	23.3	23.3	21.7	21.4	21.6	20.7	19.5	15.6	14.4	12.2	08.4	12.0	18.0	26.8	32.3	34.8	36.0	36.6	32.8	28.6	24.5	22.6	23.0
Mean	20.9	19.5	20.0	21.9	20.7	21.4	20.8	20.6	21.8	22.6	20.1	14.5	12.8	14.1	18.4	24.8	29.8	31.6	31.3	29.9	27.0	24.4	22.0	20.9	22.2

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 31 Agincourt $Z = 56,000\ \gamma +$ August 1947

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	439	419	420	417	415	407	398	415	423	409	391	381	382	380	381	385	391	389	397	409	417	415	412	406	404
2	403	401	401	395	387	395	396	390	393	399	404	400	401	400	391	391	391	391	398	402	420	437	444	428	403
3	410	407	403	399	398	393	390	397	399	393	399	397	394	397	401	400	399	403	415	422	419	420	419	420	404
4	417	406	403	400	397	384	388	406	405	399	391	381	376	376	378	387	394	400	405	405	408	407	407	406	397
5 Q	399	399	394	387	391	394	395	395	395	396	400	395	391	391	384	383	387	394	396	395	401	403	401	395	394
6	393	389	390	389	390	387	384	386	392	394	390	386	383	389	389	380	383	390	400	414	420	417	416	410	394
7	407	397	394	386	369	380	391	394	396	398	400	397	396	394	394	395	395	397	400	403	403	408	404	404	396
8 Q	404	404	405	400	397	391	391	397	397	401	403	398	394	391	391	392	389	391	398	401	401	398	394	391	397
9 Q	391	391	391	390	391	391	391	391	391	389	391	391	393	387	381	375	373	378	383	386	393	406	400	400	390
10 Q	397	391	392	391	391	374	379	387	388	391	390	385	383	380	378	378	378	378	383	388	397	403	401	397	387
11	397	397	394	391	391	391	389	391	391	394	395	390	388	380	376	379	386	391	396	407	417	425	420	413	396
12	409	429	423	262	327	351	314	358	354	344	415	415	405	397	400	403	404	406	409	411	425	429	416	425	389
13	414	403	398	395	398	384	366	358	358	363	386	393	389	389	389	394	395	398	403	415	426	425	450	462	398
14	450	392	397	407	394	389	378	389	395	397	397	398	398	391	384	385	393	398	406	403	414	415	410	406	400
15 D	400	397	397	395	392	390	393	393	391	386	354	328	324	338	347	340	351	368	379	388	419	539	501	510	393
16 D	430	504	508	480	445	436	398	400	413	410	398	398	350	293	331	376	389	413	432	460	491	479	468	456	423
17	467	452	421	390	341	366	331	252	262	306	385	363	346	355	360	385	394	420	478	493	497	533	508	503	400
18 D	428	388	367	403	337	258	325	382	370	308	379	375	311	330	355	379	393	409	451	487	471	473	485	479	389
19	429	418	390	349	367	388	347	327	310	308	215	296	294	344	383	396	400	413	431	458	455	445	522	466	382
20	457	390	419	415	408	306	270	354	369	376	390	379	385	379	393	395	418	420	431	423	426	422	448	483	398
21	463	433	416	385	355	244	240	261	328	333	289	342	378	390	401	408	419	423	421	430	450	473	435	420	381
22 D	414	411	409	407	395	343	357	366	287	009	129	266	397	409	386	403	438	454	451	450	453	436	428	431	372
23 D	461	461	399	257	259	251	376	378	417	424	402	391	401	404	431	451	434	433	463	452	438	428	420	423	402
24	431	426	412	397	382	361	302	311	324	338	360	381	396	403	407	418	424	427	430	440	443	451	433	424	397
25	428	433	406	373	400	358	374	383	308	305	318	367	390	400	406	412	417	422	432	439	434	426	427	426	395
26	414	410	407	406	404	394	396	401	370	357	375	382	383	390	394	401	407	413	416	422	416	411	411	416	400
27	418	416	420	423	419	410	347	283	311	329	385	394	397	401	400	397	404	405	408	408	408	411	404	401	392
28	399	402	400	398	400	402	403	401	397	396	395	399	397	393	384	383	390	393	404	405	411	412	415	432	400
29	460	448	450	422	415	408	390	384	379	387	405	399	399	401	397	389	396	396	402	407	410	407	405	400	406
30 Q	398	396	399	408	400	402	402	389	401	400	403	403	399	396	393	393	401	405	406	408	412	410	403	396	401
31	394	395	394	395	391	395	395	394	389	389	394	398	392	388	385	386	386	395	401	412	421	429	423	415	398
Mean	421	413	408	391	386	372	368	372	372	363	372	380	382	383	386	392	398	404	414	421	426	432	430	428	396

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 32 Agincourt — August 1947

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	20	25	442	15	18	272	170	18	42	34.7	12	30	-04.0	38.7	00	49	454	15	20	368	86
2	20	30	428	15	08	305	123	14	38	33.1	12	27	01.0	32.1	22	01	451	15	00	383	68
3	19	56	419	14	38	280	139	17	28	34.3	13	04	10.1	24.2	19	59	428	06	18	383	45
4	21	48	419	16	00	331	88	18	57	31.0	13	10	01.0	30.0	00	22	425	06	03	374	51
5 Q	21	48	416	15	45	323	93	19	03	31.9	13	00	05.7	26.2	21	48	404	15	40	381	23
6	20	17	409	15	17	279	130	18	30	37.6	13	15	06.0	31.6	20	18	425	15	13	376	49
7	23	49	409	15	00	314	95	18	25	34.5	12	55	07.4	27.1	00	12	414	04	39	366	48
8 Q	00	05	412	14	09	308	104	18	48	31.5	13	05	07.9	23.6	00	06	409	06	15	381	28
9 Q	21	10	424	14	45	318	106	18	13	35.3	12	40	12.7	22.6	21	37	408	16	09	368	40
10 Q	21	20	413	15	27	319	94	18	00	28.9	12	52	10.4	18.5	21	18	403	05	43	361	42
11	21	38	420	14	34	283	137	17	30	38.5	13	35	06.9	31.6	21	55	429	14	35	371	58
12	20	35	438	03	35	182	256	03	35	51.8	04	10	-00.5	52.3	02	07	455	03	23	159	296
13	22	30	469	15	00	282	187	17	30	41.0	12	53	08.2	32.8	23	59	469	07	48	349	120
14	18	13	393	14	32	312	81	18	07	36.7	01	45	00.1	36.6	00	03	470	01	52	351	119
15 D	22	50	941	16	25	272	669	16	50	36.4	22	35	-04.9	41.3	21	55	623	23	55	299	324
16 D	00	07	666	12	44	126	540	13	09	45.2	00	02	-04.0	49.2	00	48	551	13	15	274	277
17	22	15	472	09	04	153	319	09	00	61.3	03	35	00.1	61.2	21	50	556	09	05	152	404
18 D	21	20	445	15	10	229	216	09	07	43.1	01	23	-20.8	63.9	23	18	497	05	23	232	265
19	22	48	629	10	38	165	464	10	10	49.7	22	55	-00.8	50.5	22	51	689	10	35	167	522
20	23	45	472	06	04	208	264	05	49	43.9	01	20	00.1	43.8	23	45	572	05	49	195	377
21	21	12	450	05	00	230	220	09	42	39.8	02	50	04.1	35.7	21	12	500	06	27	169	331
22 D	23	59	412	11	30	-285	697	10	50	160.2	05	10	15.7	144.5	10	54	825	09	55	-609	1434
23 D	00	05	484	03	54	135	349	03	42	78.8	02	13	-01.9	80.7	01	28	538	03	45	057	481
24	20	40	415	06	50	272	143	06	52	42.6	07	46	10.6	32.0	21	43	468	06	52	233	235
25	20	40	392	08	50	269	123	07	56	45.5	02	25	04.4	41.1	19	43	445	08	35	274	171
26	23	22	384	14	42	317	67	16	53	35.8	05	55	12.6	23.2	19	40	422	08	56	338	84
27	23	25	383	14	35	300	83	06	47	46.0	09	10	05.2	40.8	03	33	424	07	35	268	156
28	21	14	437	14	17	303	134	18	34	31.6	13	05	08.4	23.2	23	59	485	15	08	380	105
29	20	26	410	15	40	290	120	17	28	33.3	12	25	03.5	29.8	00	05	487	08	47	373	114
30 Q	02	26	406	14	50	288	118	17	57	33.8	13	10	09.3	24.5	20	13	412	07	28	381	31
31	21	15	424	14	55	267	157	19	25	37.8	12	45	07.6	30.2	22	07	435	14	56	374	61
Mean			456			247	209			44.0			03.9	40.1			483			275	208
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 1947

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	371	374	376	373	376	368	360	360	362	361	357	355	341	327	318	319	330	352	385	398	385	380	386	376	362
2	380	381	382	382	380	377	375	374	370	368	363	355	336	320	307	300	313	304	351	375	391	401	337	340	357
3 D	404	411	402	410	386	374	395	367	112	097	191	334	338	301	280	272	288	307	317	354	393	371	385	368	327
4	315	311	316	318	308	276	271	317	329	322	337	329	320	301	293	296	302	319	337	320	338	341	349	345	317
5	334	338	345	346	348	345	338	333	350	339	330	328	307	296	292	277	278	290	336	352	374	386	385	381	334
6	398	398	373	369	366	363	358	362	354	358	358	359	343	324	317	303	303	328	346	361	351	374	367	376	354
7	362	364	371	353	362	352	348	310	332	349	334	334	333	313	269	287	300	347	371	429	473	408	341	332	349
8	331	343	329	335	334	344	350	363	369	368	364	358	343	322	305	292	296	312	328	341	349	359	369	374	341
9 Q	367	366	365	366	365	359	359	359	358	357	354	344	330	317	303	300	314	340	364	376	376	369	369	367	352
10 Q	369	371	370	374	370	367	369	368	366	366	367	362	351	335	321	311	320	336	356	370	373	376	373	378	359
11	379	380	380	379	379	376	377	374	375	375	374	358	347	338	317	323	298	304	328	358	349	356	363	366	356
12	370	375	368	361	367	373	378	384	363	371	369	353	332	317	312	320	331	349	369	383	400	386	375	389	363
13	378	384	399	375	306	269	198	175	203	147	206	229	232	275	292	273	273	299	329	353	371	417	400	333	297
14 D	340	341	337	293	178	238	185	183	177	179	144	270	286	291	271	276	259	277	337	373	360	373	353	335	277
15 D	337	318	327	306	337	332	332	219	268	297	295	306	305	293	268	223	296	273	304	348	397	369	348	342	310
16	345	334	343	349	353	344	337	352	368	369	368	364	355	343	328	310	302	310	337	371	370	374	358	343	347
17	351	331	283	342	337	280	315	322	322	349	308	290	303	320	296	296	296	296	313	333	357	382	345	332	321
18	345	336	320	328	315	284	236	311	279	331	318	324	322	295	314	302	300	295	337	352	386	368	362	362	321
19	351	347	341	363	343	338	324	334	317	353	337	321	331	324	322	320	311	334	346	357	369	368	363	366	341
20	349	359	358	350	341	352	336	347	357	367	347	352	344	326	303	302	295	334	343	347	362	362	367	344	344
21	361	366	371	374	347	317	319	330	346	372	368	361	348	325	314	319	323	326	335	351	361	360	345	353	346
22	367	363	364	357	353	325	284	278	310	334	353	361	340	310	290	287	302	350	366	361	366	372	357	356	338
23	349	349	351	361	323	279	291	191	307	326	325	337	337	317	305	304	305	312	330	350	365	373	370	376	327
24 D	355	341	339	325	333	326	326	321	343	317	321	294	269	183	178	120	192	289	426	565	553	592	492	348	339
25 D	306	306	188	031	-001	007	043	-096	226	314	302	233	215	278	258	250	244	327	358	396	386	406	396	354	239
26	340	344	314	329	324	327	324	325	334	332	336	335	331	315	310	293	296	318	335	351	363	369	359	351	331
27	360	370	347	348	340	347	339	340	340	341	340	335	334	322	322	312	319	327	339	347	355	352	364	360	342
28 Q	368	363	365	357	355	352	354	355	354	354	349	349	339	331	318	307	314	331	354	371	370	368	360	367	350
29 Q	360	368	365	363	353	356	353	355	357	348	346	353	345	330	306	295	303	322	349	364	374	369	349	343	347
30	344	351	344	342	348	354	359	359	359	359	359	352	339	324	310	298	301	307	348	384	380	404	390	392	350
31																									
Mean	356	356	348	342	331	323	318	309	320	327	327	331	323	310	299	290	297	317	346	370	380	382	369	358	335

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 34 Agincourt — D = 7° W + . . . ′ — September 1947

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	25.1	26.5	24.7	22.7	22.4	23.5	21.5	20.8	19.8	18.0	14.2	09.6	07.5	09.3	15.2	22.3	29.5	33.8	34.3	32.9	30.6	25.7	23.1	24.1	22.4
2	24.2	23.2	23.5	22.7	21.7	21.5	20.8	20.2	19.7	18.7	16.7	12.0	09.8	11.6	18.7	25.4	31.4	33.7	36.2	34.0	30.9	27.5	24.9	24.3	23.0
3 D	25.4	26.7	24.7	23.7	22.3	22.0	21.1	12.0	33.2	02.9	19.6	16.9	07.3	15.0	26.9	34.2	35.6	36.4	36.6	36.8	31.2	26.6	19.6	20.5	24.0
4	10.8	16.8	22.0	25.2	24.2	36.0	30.8	23.0	20.0	24.1	20.5	15.2	13.4	14.7	20.4	22.0	26.9	30.8	35.1	34.4	29.8	27.8	24.1	22.4	23.7
5	17.1	19.2	21.7	22.6	21.5	23.2	21.5	29.3	23.2	23.2	25.6	15.9	12.3	19.8	21.1	24.7	29.8	34.2	33.1	32.4	29.0	25.6	23.3	24.6	23.9
6	24.1	25.9	25.7	24.2	22.4	21.2	20.1	16.9	15.0	15.2	14.7	11.7	08.9	15.3	19.2	19.0	22.6	36.0	35.8	34.9	31.9	28.0	26.7	24.8	22.5
7	24.5	15.1	16.6	16.5	22.1	16.9	17.7	26.4	22.4	17.7	20.2	19.1	11.5	16.6	19.6	25.7	31.8	29.8	28.7	25.9	18.1	31.1	35.2	25.8	22.3
8	18.1	24.3	26.1	24.4	21.8	20.3	23.0	21.6	19.9	17.8	18.2	16.1	13.9	14.8	21.0	25.2	30.9	34.6	35.1	32.5	28.9	25.9	24.3	24.1	23.5
9 Q	24.2	24.3	23.7	24.3	23.8	23.0	21.9	21.1	20.6	19.9	17.9	14.3	12.7	13.7	18.7	25.9	31.9	34.0	32.0	30.0	26.9	25.4	24.7	24.5	23.3
10 Q	25.3	24.5	24.2	23.4	24.1	22.8	22.4	21.5	20.9	20.3	19.1	15.7	12.8	12.4	15.5	21.9	25.5	28.7	28.8	26.4	24.2	23.2	22.8	24.1	22.1
11	24.2	23.8	23.1	22.8	22.5	21.8	21.0	19.9	19.2	19.0	17.8	15.4	15.9	15.8	20.3	27.9	24.2	38.8	37.8	30.5	29.9	26.0	19.7	22.8	23.3
12	23.9	23.6	23.7	22.0	21.5	20.0	18.8	15.5	13.0	11.9	13.9	14.2	15.6	18.7	22.7	27.9	31.0	33.9	33.9	31.7	25.0	26.2	21.6	30.2	22.5
13	26.9	20.9	08.5	19.0	20.8	20.8	16.6	16.8	08.8	25.5	18.5	28.8	29.9	28.8	24.3	28.0	33.4	32.1	29.7	27.7	22.8	18.8	23.4	19.1	22.9
14 D	20.8	19.3	21.4	16.1	28.8	08.1	17.6	05.2	03.7	21.0	18.5	15.3	16.0	28.9	29.9	36.2	38.2	40.3	35.1	29.4	27.8	21.6	19.9	17.0	22.3
15 D	20.9	13.4	18.6	28.5	15.7	19.2	26.0	44.3	23.4	13.7	18.8	21.6	22.0	24.4	28.7	37.8	36.3	34.2	40.0	30.6	22.2	16.3	24.6	24.3	25.2
16	23.0	20.3	21.0	23.6	22.7	21.8	32.5	30.1	18.3	16.5	17.6	17.6	17.0	16.3	18.7	22.5	26.3	27.9	32.3	29.4	25.6	23.3	24.9	16.4	22.8
17	20.6	18.5	18.1	15.4	18.8	21.2	23.4	13.3	18.8	23.3	25.5	31.6	28.8	26.1	24.8	28.2	31.9	34.6	29.9	30.5	24.8	25.0	23.7	15.4	23.8
18	13.9	19.2	33.4	17.0	17.2	17.4	32.0	17.8	24.1	24.2	27.9	26.4	20.9	21.7	22.3	25.8	25.1	28.2	25.8	27.0	22.1	22.7	18.8	19.4	22.9
19	22.3	22.0	18.2	17.0	18.1	25.4	31.4	22.5	19.5	28.1	25.6	23.1	18.9	20.6	22.5	23.5	28.7	29.5	30.0	30.1	26.4	24.7	23.9	19.9	23.9
20	20.7	18.9	23.5	21.6	18.2	20.0	19.8	23.7	26.0	24.0	21.9	17.1	13.8	16.2	19.8	27.0	28.2	32.2	31.6	30.6	27.1	24.9	23.1	22.6	23.0
21	22.2	22.4	21.6	25.2	22.4	15.2	18.0	19.6	24.6	25.2	16.2	15.3	14.1	16.4	23.1	26.1	29.7	31.4	30.7	28.8	25.7	25.3	24.6	19.9	22.7
22	22.3	21.6	21.6	19.8	15.5	13.5	32.5	25.9	04.3	13.5	09.1	13.7	13.1	13.7	25.7	28.7	33.0	31.9	32.5	28.9	25.8	31.1	27.7	23.0	22.0
23	17.1	22.7	22.7	21.9	17.0	06.8	13.7	29.2	06.6	08.8	30.7	16.2	09.3	10.4	16.2	23.1	28.0	31.7	32.6	30.4	27.3	25.6	23.5	22.6	20.6
24 D	22.9	21.7	21.2	19.4	11.3	20.1	14.6	04.3	12.2	23.6	25.6	24.6	28.6	30.6	26.5	35.9	35.3	22.2	04.6	-7.4	11.6	11.8	23.7	21.5	19.4
25 D	08.5	25.6	21.1	48.6	34.5	26.6	39.5	34.5	10.8	13.7	14.0	17.7	28.3	17.1	19.9	28.9	34.6	33.6	33.5	27.4	24.9	22.8	26.4	29.8	26.0
26	23.4	22.6	14.0	20.4	24.5	24.6	22.6	21.9	21.9	20.9	20.8	19.8	18.7	17.5	19.9	23.5	29.0	32.8	31.9	31.0	29.1	29.0	29.3	28.0	24.0
27	27.1	27.4	27.6	27.4	20.7	21.4	20.4	19.2	19.3	20.0	19.8	20.0	19.4	18.0	20.9	24.5	28.3	30.9	30.8	30.2	29.2	27.4	28.1	28.5	24.4
28 Q	28.1	24.5	24.7	24.0	23.0	22.6	22.0	21.2	20.5	20.0	19.1	18.2	15.0	13.4	17.1	22.8	26.9	32.6	33.5	30.3	28.3	28.1	27.4	26.5	23.8
29 Q	25.0	24.1	23.5	23.2	20.1	20.1	20.0	19.0	18.7	16.6	16.5	18.1	18.0	15.4	15.8	20.2	26.5	31.9	34.1	32.7	29.8	28.0	27.4	22.4	22.7
30	22.7	22.9	21.4	21.9	21.8	22.7	22.9	22.9	22.0	21.8	21.7	19.8	16.6	13.6	14.6	18.0	23.2	28.5	30.7	32.9	34.2	33.6	32.3	30.4	23.9
31																									
Mean	21.8	22.0	22.0	22.8	21.4	20.7	22.8	21.3	18.3	18.9	19.5	18.0	16.3	17.6	20.9	26.0	29.8	32.3	31.9	29.4	26.7	25.3	24.8	23.3	23.1

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 35 Agincourt $Z = 56,000\ \gamma +$ September 1947

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	409	417	411	407	404	405	402	401	401	399	404	408	404	399	398	397	404	405	400	404	403	401	401	392	403
2	393	395	395	394	393	394	394	394	395	395	396	394	393	389	388	388	398	401	401	401	402	404	405	404	396
3 D	401	409	439	447	436	413	395	390	118	209	315	397	402	381	391	401	415	428	455	482	521	480	499	505	406
4	494	473	458	393	377	321	290	363	389	398	419	419	423	425	424	417	413	415	413	415	424	427	432	429	410
5	433	423	421	410	394	391	390	361	377	385	367	387	393	383	391	403	415	421	430	423	424	420	411	410	403
6	408	416	421	414	409	409	407	392	399	403	403	406	400	395	383	385	397	417	440	465	470	444	427	434	414
7	443	377	388	381	325	389	397	358	353	384	397	384	388	383	382	392	402	406	430	518	584	570	522	502	419
8	485	453	435	406	367	398	410	405	407	402	406	408	403	399	394	404	411	418	426	426	426	420	412	410	414
9 Q	412	408	406	408	408	410	407	407	405	405	406	403	396	394	393	396	399	407	416	419	417	413	410	407	406
10 Q	405	403	401	404	404	404	402	401	401	401	404	406	403	398	397	391	391	394	400	404	407	403	397	397	401
11	397	397	395	394	395	395	395	394	394	394	395	391	379	370	376	382	387	408	409	427	433	432	438	418	400
12	405	398	410	415	409	405	395	382	336	362	389	395	397	397	395	401	401	404	412	416	429	463	474	480	407
13	527	521	431	387	358	304	328	263	301	260	236	283	326	338	386	414	426	441	452	451	455	490	568	498	393
14 D	459	475	429	353	247	332	191	211	238	268	236	207	315	355	382	406	426	454	461	460	460	477	480	486	367
15 D	468	449	386	349	413	413	356	273	286	306	312	351	374	380	401	407	431	445	444	457	508	499	441	429	399
16	425	431	425	413	402	356	375	338	386	401	403	404	403	403	404	408	407	414	421	423	431	450	456	464	408
17	432	434	342	407	406	312	350	371	358	378	355	334	361	324	364	381	402	423	456	467	474	481	483	456	398
18	440	472	314	380	399	350	307	328	282	320	359	357	360	377	396	409	414	431	442	446	467	443	468	438	391
19	423	417	408	377	386	377	290	327	319	345	357	868	375	377	383	392	396	405	406	415	426	425	430	417	385
20	417	403	394	399	389	351	360	374	373	381	385	402	405	403	402	402	400	411	411	407	407	407	419	415	397
21	413	406	400	363	357	362	342	351	347	313	362	386	386	380	393	398	401	413	428	428	431	428	426	422	389
22	409	404	402	395	373	351	280	225	298	240	285	376	399	390	386	379	395	413	412	424	446	458	459	465	378
23	437	423	410	401	333	247	284	202	266	241	263	312	369	400	399	402	406	410	411	410	406	404	399	398	360
24 D	402	410	406	372	364	377	335	288	293	256	226	282	274	283	333	396	492	591	593	566	546	540	526	440	400
25 D	392	471	330	218	277	293	191	354	312	433	419	379	349	392	398	402	427	469	448	452	490	495	515	505	392
26	481	466	474	436	421	415	409	406	405	405	409	409	410	405	405	405	410	410	409	414	416	415	417	415	420
27	409	417	434	438	430	417	405	397	401	404	404	404	407	405	404	405	405	403	401	401	407	410	410	408	410
28 Q	412	415	407	405	403	404	402	403	401	398	399	402	400	398	397	398	401	408	410	408	401	407	403	407	404
29 Q	402	403	402	399	403	406	403	400	387	375	382	391	400	402	400	394	391	400	399	406	414	426	431	429	402
30	420	409	407	406	402	399	399	400	400	399	401	402	402	397	393	387	390	392	399	414	412	414	404	410	403
31																									
Mean	428	427	406	392	383	374	354	352	347	355	363	375	383	384	391	398	408	422	428	435	444	445	446	437	399

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 36 Agincourt — September 1947

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	18	52	411	15	10	310	101	18	20	35.1	13	05	06.2	28.9	02	43	418	23	04	388	30
2	23	30	433	15	05	299	134	18	10	36.1	13	00	07.9	28.2	23	28	428	15	05	386	42
3 D	06	25	426	09	55	-174	600	08	41	37.8	09	07	-09.3	47.1	20	34	554	08	50	-160	714
4	22	17	354	05	58	179	175	06	01	57.9	00	35	03.8	54.1	00	32	542	06	03	216	326
5	22	15	410	15	57	267	143	18	28	35.1	12	30	10.2	24.9	00	10	440	08	00	341	99
6	00	50	416	16	40	293	123	17	19	38.9	12	50	06.1	32.8	19	52	476	14	28	380	96
7	20	40	495	14	54	241	254	16	44	38.7	04	20	03.2	35.5	21	18	609	04	27	295	314
8	08	50	392	15	50	287	105	17	36	36.4	12	21	11.1	25.3	00	01	513	04	19	349	164
9 Q	19	12	380	15	00	293	87	17	24	34.6	12	36	12.4	22.2	19	12	422	15	00	390	32
10 Q	21	25	383	15	30	307	76	18	04	29.9	13	08	11.5	18.4	20	29	408	16	22	389	19
11	23	58	384	17	10	282	102	17	44	43.1	11	44	13.8	29.3	22	33	446	13	32	366	80
12	21	05	414	14	10	308	106	23	59	38.5	09	00	08.0	30.5	23	59	501	08	25	309	192
13	21	45	450	09	33	093	357	11	12	41.7	02	15	02.5	39.2	22	48	598	07	24	159	439
14 D	20	54	404	10	28	075	329	04	45	46.2	09	07	-07.6	53.8	22	58	510	07	11	076	434
15 D	20	45	422	08	00	159	263	07	29	49.9	04	05	05.3	44.6	21	07	547	08	08	214	333
16	19	46	394	16	50	288	106	06	20	36.0	23	40	02.1	33.9	23	35	501	06	18	289	212
17	21	23	394	05	48	195	199	05	52	53.4	23	45	05.3	48.1	22	13	508	05	50	200	308
18	20	12	396	06	32	197	199	02	38	53.3	23	00	02.1	51.2	22	57	505	02	35	225	280
19	21	02	390	06	25	287	103	06	15	35.7	23	05	05.8	29.9	23	00	450	06	26	253	197
20	22	13	383	16	28	285	98	17	12	33.9	01	17	09.8	24.1	00	17	438	06	05	344	94
21	03	32	393	14	07	295	98	03	39	33.6	12	15	10.0	23.6	20	44	437	09	50	307	130
22	21	24	394	08	04	239	155	06	50	41.3	08	30	-01.0	42.3	23	25	483	07	13	164	319
23	12	33	394	07	20	094	300	07	19	52.8	05	38	-08.4	61.2	00	17	502	05	26	144	358
24 D	21	12	673	15	40	078	595	23	13	99.6	19	05	-18.5	118.1	19	02	667	11	03	196	471
25 D	21	10	428	07	35	-227	655	02	46	92.5	02	40	-40.9	133.4	01	07	566	06	20	-095	661
26	22	26	376	15	17	288	88	17	25	33.4	02	20	03.1	30.3	02	04	518	15	18	402	116
27	02	23	376	15	21	309	67	17	54	32.0	12	28	15.0	17.0	03	33	447	07	10	394	53
28 Q	19	55	388	14	43	298	90	18	00	34.8	13	00	12.8	22.0	01	15	421	14	48	392	29
29 Q	20	50	378	15	07	293	85	18	33	35.0	09	47	14.1	20.9	23	43	432	09	50	369	63
30	20	01	407	16	00	293	114	20	45	35.3	13	28	12.9	22.4	00	10	423	15	56	386	37
31																					
Mean			411			214	197			43.4			03.6	39.8			490			269	221
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 1947

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	387	379	384	377	337	349	328	326	353	349	349	348	337	326	319	319	323	339	365	393	401	398	387	382	357
2 D	394	383	434	407	299	296	198	153	242	227	260	258	241	238	204	183	256	299	316	356	399	435	446	556	312
3	358	326	312	246	214	242	275	296	211	229	274	307	320	289	298	301	301	311	332	345	359	384	350	346	301
4	343	350	349	342	341	342	344	346	353	347	348	340	320	299	278	276	284	304	321	338	358	361	358	363	333
5	361	363	362	358	359	358	358	358	359	361	358	353	335	322	303	297	299	318	332	353	368	371	374	371	348
6	372	367	367	366	362	367	366	366	367	364	360	357	341	322	313	306	308	310	325	344	354	364	367	373	350
7	371	372	367	369	367	368	372	368	357	349	367	364	353	339	323	311	306	311	310	334	366	372	345	363	351
8	357	365	364	367	366	357	356	353	353	357	363	361	360	347	325	332	324	320	315	323	342	357	367	370	350
9 D	357	329	328	325	335	317	278	312	329	348	343	324	319	310	286	286	296	293	299	311	306	330	320	321	317
10 D	324	323	316	323	263	193	181	125	099	171	298	314	291	292	295	291	279	304	309	336	334	339	346	330	278
11	331	315	296	290	255	272	257	214	265	333	335	334	335	313	290	254	261	301	315	316	331	360	346	329	302
12 D	350	306	295	334	329	314	311	224	262	259	285	336	310	281	291	306	298	320	333	371	345	330	329	326	310
13	337	323	331	329	316	294	270	310	325	355	351	346	336	327	309	327	282	292	320	340	340	332	318	322	322
14	325	330	335	339	334	307	259	233	304	261	312	329	304	284	306	308	303	306	313	329	344	326	322	315	309
15 D	329	339	338	327	338	269	247	272	321	350	346	328	301	314	276	277	285	284	294	319	336	244	315	328	311
16	340	335	350	344	331	329	321	324	346	342	339	330	332	313	292	281	313	314	319	331	341	344	368	366	329
17	333	345	350	348	332	340	334	340	349	350	345	346	345	320	290	282	293	303	310	329	336	354	356	352	332
18	350	345	345	359	360	348	355	348	350	350	350	346	340	328	310	292	304	317	329	340	341	350	340	336	339
19	349	344	344	333	344	335	334	337	344	349	360	355	337	325	308	278	272	283	311	347	364	328	334	336	331
20	342	325	323	339	339	342	317	311	328	347	353	348	323	313	308	292	293	308	319	330	331	339	344	328	327
21	331	323	327	334	334	324	339	347	352	354	352	346	338	319	304	291	281	293	310	330	343	356	358	351	330
22	347	337	348	346	336	327	339	349	347	357	357	357	345	326	311	293	293	307	323	336	341	350	353	348	336
23	350	354	357	353	345	338	323	341	346	357	353	348	352	327	301	298	292	302	309	324	319	329	344	347	334
24	334	324	331	321	332	339	344	344	344	347	346	342	334	323	321	316	310	313	322	339	352	350	346	355	335
25	353	346	356	351	351	348	350	351	354	351	348	345	340	330	321	316	317	322	333	345	343	354	359	361	343
26 Q	359	358	358	354	358	349	343	341	345	352	352	348	338	342	312	313	320	329	345	357	357	364	366	364	346
27 Q	360	360	364	363	362	361	365	365	361	360	362	356	345	335	325	321	324	329	335	349	358	365	368	367	353
28 Q	369	370	366	362	365	364	364	365	366	366	365	360	351	340	336	334	335	340	350	359	365	368	371	371	358
29 Q	368	368	367	366	368	370	367	366	368	366	364	361	349	335	324	327	332	341	349	355	362	364	364	368	357
30 Q	365	365	366	364	364	363	362	364	364	364	361	361	352	339	325	316	333	341	360	367	367	366	365	366	357
31	367	367	366	365	357	354	360	359	355	364	357	358	349	338	329	319	330	333	349	364	367	369	361	367	354
Mean	352	346	348	345	335	328	320	316	326	333	342	342	331	317	304	297	301	312	325	342	351	356	354	357	333

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 38 Agincourt — D = 7° W + . . . ′ — October 1947

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	31.7	29.0	23.5	19.8	12.1	18.0	16.2	23.5	16.5	14.9	15.3	19.4	15.9	12.7	15.1	20.4	24.1	27.2	28.3	27.2	30.1	30.5	31.4	31.9	22.3
2 D	36.0	30.9	27.8	19.6	04.8	16.3	24.0	17.2	12.3	22.3	17.8	22.0	26.1	28.6	27.2	31.4	40.7	32.1	30.1	31.5	26.5	21.0	23.0	27.3	24.9
3	13.7	18.9	21.7	23.6	-1.2	13.6	16.0	19.1	31.3	28.1	17.1	15.3	16.5	15.6	18.7	21.7	27.4	30.9	32.5	31.4	30.1	28.9	27.1	27.7	21.9
4	24.8	24.8	24.9	24.7	23.0	23.5	23.6	21.1	22.4	20.7	21.5	18.4	14.8	14.8	17.5	22.8	30.2	34.1	36.0	35.0	31.5	27.8	25.8	25.1	24.5
5	24.7	24.4	24.0	23.7	23.1	23.3	23.0	22.4	21.5	20.9	20.0	17.6	12.7	11.5	13.4	19.4	25.4	31.3	33.0	32.0	30.2	26.6	24.8	24.8	23.1
6	24.5	23.8	23.0	21.9	21.5	21.7	21.1	21.1	20.9	20.0	19.3	19.3	13.7	12.6	15.5	16.1	23.9	28.1	31.4	32.2	30.0	28.2	25.8	25.6	22.5
7	24.6	23.7	23.1	22.7	22.1	21.3	20.1	19.7	19.4	26.8	22.8	19.0	14.9	12.9	13.8	17.3	21.1	26.6	35.2	37.3	35.3	36.6	28.8	26.3	23.8
8	24.9	24.3	24.1	22.9	16.0	17.1	19.0	20.7	23.3	25.0	23.0	23.2	21.0	20.1	19.1	23.0	22.8	23.9	26.3	27.2	27.2	27.8	26.0	24.8	23.1
9 D	25.5	19.5	24.6	17.0	17.1	22.0	22.6	10.9	04.9	12.7	27.2	19.9	28.7	37.8	30.2	24.0	29.0	29.9	32.1	32.7	34.0	30.5	28.2	24.6	24.4
10 D	19.8	12.8	15.0	19.9	15.6	31.2	21.6	31.5	23.9	32.7	31.6	26.8	33.9	34.0	28.7	32.8	30.6	28.2	28.5	26.3	28.0	25.5	23.3	22.3	26.1
11	25.6	24.2	18.7	16.7	16.8	15.9	25.1	23.1	32.5	19.1	21.0	26.1	20.9	25.6	24.8	27.5	35.7	35.5	32.3	31.5	29.0	25.1	27.1	26.3	25.2
12 D	19.2	19.5	17.7	21.7	20.9	13.8	21.8	24.1	20.0	27.3	27.3	23.0	25.7	27.6	31.7	26.2	28.3	29.8	29.8	24.4	28.6	26.8	22.8	20.8	24.2
13	23.0	16.0	17.0	21.2	15.5	13.4	20.0	22.2	18.6	22.7	23.0	24.3	20.1	17.7	20.4	23.8	24.4	30.8	30.8	28.2	28.3	25.8	23.9	24.0	22.2
14	18.8	17.1	19.8	23.1	20.3	08.0	08.0	33.2	21.2	27.6	36.7	19.4	23.0	30.3	33.3	32.3	29.1	31.6	29.3	25.2	26.4	28.2	25.0	19.7	24.4
15 D	22.4	23.2	23.2	21.6	19.1	17.1	26.8	20.1	14.8	24.5	22.8	25.9	41.8	24.2	22.8	28.3	31.9	33.6	36.4	32.9	30.1	27.3	17.1	12.0	25.0
16	24.1	21.9	20.0	27.3	17.9	23.2	28.6	25.4	18.6	20.8	22.7	24.6	20.9	21.5	19.2	24.3	29.2	29.0	31.5	30.1	28.0	25.2	23.2	21.8	24.2
17	13.7	18.2	23.0	21.4	19.9	20.0	21.0	21.3	20.8	20.9	24.1	23.2	24.0	19.8	20.1	24.5	29.5	31.5	31.7	31.0	28.3	24.2	22.8	22.9	23.2
18	22.8	22.3	20.5	22.4	21.6	19.9	21.0	20.8	23.4	21.5	16.2	16.6	16.4	17.3	18.8	23.2	28.3	29.8	30.1	30.0	27.7	25.6	24.8	23.5	22.7
19	22.9	22.4	21.6	20.5	23.3	18.1	16.4	19.2	22.9	14.7	16.0	13.7	16.2	22.9	18.1	22.7	28.1	29.2	30.0	29.7	25.6	28.7	25.6	23.7	22.2
20	22.6	19.0	15.6	19.8	21.1	21.0	28.4	25.6	19.3	21.5	19.2	19.6	21.5	21.1	19.3	20.3	23.3	25.7	26.6	26.3	25.3	24.0	24.4	16.2	22.0
21	23.4	22.5	19.3	22.0	22.8	21.5	24.3	22.6	20.6	20.8	20.2	20.9	20.6	17.3	16.5	20.3	25.5	28.8	30.7	29.9	28.6	26.6	24.9	24.6	23.2
22	24.1	20.4	22.0	22.4	19.4	21.3	24.2	20.0	21.5	17.5	15.3	20.2	21.0	17.8	20.6	23.2	26.9	29.2	29.6	27.8	25.9	24.1	24.0	23.8	22.6
23	24.5	23.6	22.5	22.7	20.8	16.0	19.4	22.4	21.3	20.5	18.9	25.1	19.1	19.4	20.0	26.4	29.4	31.1	33.9	31.1	29.4	26.9	24.7	23.9	23.9
24	20.3	18.7	22.2	19.4	20.4	21.4	21.5	21.2	21.0	22.4	18.7	18.4	16.6	17.0	19.3	22.1	26.2	27.8	28.7	28.5	28.4	27.0	25.9	25.4	22.4
25	25.7	22.4	23.2	22.4	22.2	21.4	20.7	20.6	20.2	19.5	19.6	18.7	18.5	17.6	18.7	20.9	25.4	28.6	29.5	28.9	27.3	26.0	25.3	24.2	22.8
26 Q	23.7	23.1	22.9	22.4	21.6	21.1	20.9	19.1	18.6	19.4	19.0	18.4	17.0	16.2	17.5	22.0	26.0	27.0	26.9	26.5	24.9	24.3	24.5	24.0	22.0
27 Q	23.4	22.7	22.2	21.5	21.4	21.4	21.3	20.6	19.7	19.3	18.8	18.5	17.6	17.7	19.3	23.2	26.3	27.0	27.1	26.6	25.7	25.0	24.6	24.2	22.3
28 Q	23.5	22.5	22.6	22.5	22.0	21.6	21.8	21.2	20.4	19.7	19.4	18.6	17.9	17.9	18.8	21.4	24.6	25.7	26.1	24.9	24.6	24.3	24.5	24.0	22.1
29 Q	23.5	22.5	22.2	22.1	21.6	21.3	21.3	20.5	20.1	19.5	19.0	18.2	17.1	15.2	16.4	20.4	23.1	26.2	28.2	27.6	25.8	24.8	24.5	23.5	21.8
30 Q	23.2	22.2	22.0	21.8	21.6	21.3	21.2	20.3	20.1	19.2	19.6	18.9	17.6	16.2	15.7	21.3	26.0	29.4	28.3	26.3	24.4	23.5	23.1	23.1	21.9
31	22.8	22.3	21.9	21.8	21.7	21.2	20.8	18.9	16.5	15.9	15.9	17.6	16.2	17.4	18.4	23.0	26.8	19.y	17.8	17.4	16.1	16.5	15.9	16.8	19.1
Mean	23.3	22.0	21.7	21.7	19.0	19.6	21.3	21.6	20.3	21.3	21.0	20.4	20.3	20.0	20.3	23.4	27.4	29.1	30.0	29.0	27.8	26.3	24.6	23.5	23.1

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 39 Agincourt — Z = 56,000 γ + — October 1947

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	417	432	481	472	378	412	381	358	381	394	400	398	407	401	397	392	393	399	403	411	426	436	450	466	412
2 D	546	552	557	502	400	417	348	328	346	313	320	335	326	343	362	405	447	474	509	510	493	520	547	592	437
3	473	478	462	361	310	302	375	402	347	327	316	357	408	418	416	409	403	403	409	409	418	438	436	429	396
4	418	412	413	413	411	411	403	396	390	394	403	403	408	406	397	399	402	404	404	409	407	405	401	402	405
5	400	398	402	400	400	398	399	397	397	397	397	402	401	396	395	394	395	401	405	408	410	402	399	401	399
6	400	400	396	395	396	394	392	392	392	391	394	395	392	389	383	383	379	384	388	390	399	401	395	392	392
7	392	392	391	391	391	391	389	388	381	356	361	384	391	392	389	388	388	394	398	405	414	421	404	397	391
8	396	395	392	395	391	386	384	384	379	376	382	385	389	385	385	389	389	392	395	393	394	397	401	398	389
9 D	402	427	417	414	410	358	279	303	304	283	276	297	326	324	343	366	414	413	457	472	451	455	448	463	379
10 D	456	342	417	411	350	283	261	245	098	225	258	302	333	340	361	375	388	414	413	430	468	481	491	449	358
11	434	438	381	365	320	316	289	272	318	338	355	385	392	378	390	410	447	434	425	428	452	485	495	484	393
12 D	529	419	422	407	389	348	221	204	253	277	295	364	368	375	381	383	401	419	429	472	433	417	412	417	377
13	413	409	400	396	355	328	295	295	339	384	384	393	395	396	395	396	406	429	434	422	420	434	434	432	391
14	438	418	414	406	387	319	288	275	323	318	310	344	374	364	367	373	389	397	412	432	461	457	444	443	382
15 D	418	402	393	392	362	306	282	338	324	379	379	358	332	353	380	399	400	403	409	413	423	425	451	439	382
16	424	426	392	350	381	364	318	314	352	365	372	381	393	384	383	391	391	396	391	389	390	391	391	391	380
17	391	392	394	389	385	382	371	373	382	382	372	375	372	375	381	388	399	399	409	408	396	393	390	388	387
18	387	389	386	368	352	368	375	368	341	344	357	375	381	375	372	377	383	383	389	394	396	398	401	399	377
19	388	387	385	385	363	356	362	362	335	315	303	330	356	362	364	364	374	389	403	430	456	421	402	397	375
20	393	395	399	389	382	370	338	320	334	353	373	376	371	369	370	368	381	385	393	400	406	415	406	405	379
21	411	421	411	396	376	362	355	361	375	376	379	379	379	374	367	364	366	374	383	386	383	385	385	386	380
22	385	388	387	382	378	375	356	363	361	359	367	373	371	368	363	359	370	374	373	375	378	379	377	381	372
23	381	381	377	376	373	336	361	372	363	361	365	351	348	352	353	357	364	381	394	401	397	385	382	385	372
24	386	394	393	387	391	384	378	375	369	347	355	370	376	374	371	363	360	366	374	373	374	375	375	375	374
25	379	380	377	373	374	374	372	371	368	368	367	368	368	368	367	359	358	367	373	377	375	372	372	372	371
26 Q	370	369	367	367	369	369	367	364	371	372	370	370	370	369	364	362	362	362	367	369	370	368	367	367	367
27 Q	366	366	365	364	364	364	364	364	364	364	363	363	364	364	362	356	354	358	361	361	364	365	365	364	363
28 Q	362	362	363	362	363	363	363	361	361	361	361	361	362	364	362	360	360	363	367	365	361	360	358	358	362
29 Q	359	359	358	358	358	358	358	357	357	357	357	357	361	359	355	348	344	350	355	358	358	355	354	355	356
30 Q	356	356	356	356	356	356	356	356	356	354	354	355	356	356	351	349	347	353	356	359	356	354	351	354	354
31	354	354	354	354	359	361	354	357	353	348	350	354	356	359	354	353	353	356	359	360	360	361	359	360	356
Mean	407	401	400	390	373	362	346	346	345	351	355	366	372	372	374	377	384	391	398	404	406	408	408	408	381

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 40 Agincourt — October 1947

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	19	16	439	04	52	299	140	23	12	36.7	04	34	-06.8	43.5	23	59	514	04	40	317	197
2 D	23	40	575	07	15	106	469	02	50	45.3	04	24	-12.4	57.7	23	26	627	07	03	242	385
3	00	15	842	04	38	122	720	08	53	42.8	04	36	-30.8	73.6	00	08	562	04	55	090	472
4	20	52	368	14	50	270	98	18	46	37.1	13	18	13.0	24.1	00	04	422	08	30	383	39
5	22	07	389	16	15	294	95	18	13	34.2	14	10	10.4	23.8	20	48	410	16	17	392	18
6	22	04	378	15	40	295	83	05	49	33.1	13	36	07.9	25.2	20	15	405	16	43	378	27
7	06	42	375	18	27	296	79	21	37	42.4	13	25	12.4	30.0	20	58	432	09	55	345	87
8	22	55	382	18	51	307	75	21	22	28.6	04	38	09.9	18.7	22	41	402	09	43	372	30
9 D	00	48	365	14	33	238	127	13	35	46.8	08	48	-00.3	47.1	23	35	506	06	30	256	250
10 D	00	54	454	09	00	-056	510	09	03	49.2	01	01	-35.0	84.2	00	45	574	08	51	009	565
11	20	54	392	08	03	133	259	04	37	43.7	05	22	-01.2	44.9	23	59	608	07	35	219	389
12 D	00	32	413	09	48	156	257	19	01	32.3	05	30	09.8	22.5	00	11	626	07	25	162	464
13	19	54	356	06	44	254	102	18	32	32.3	02	00	08.3	24.0	21	45	448	06	41	267	181
14	20	48	354	09	54	208	146	10	27	42.3	06	37	03.9	38.4	20	48	475	07	48	245	230
15 D	20	17	368	06	07	171	197	12	20	52.7	23	20	04.7	48.0	22	54	467	06	06	213	254
16	02	37	371	15	31	234	137	03	15	34.3	02	33	-00.2	34.5	00	17	432	07	27	283	149
17	21	57	360	15	08	268	92	18	23	33.1	00	43	06.8	26.3	18	55	413	10	43	363	50
18	03	58	372	15	35	280	92	19	19	32.0	12	33	14.3	17.7	22	04	404	08	53	325	79
19	19	55	391	16	05	245	146	19	47	32.8	11	03	11.7	21.1	20	04	493	10	40	292	201
20	10	30	358	15	50	282	76	06	30	31.7	23	24	10.8	20.9	21	14	422	07	32	307	115
21	21	28	371	16	40	227	144	18	28	31.2	14	26	15.8	15.4	01	33	426	06	48	346	80
22	11	18	360	16	14	287	73	06	13	31.1	13	07	13.0	18.1	01	50	389	06	07	349	40
23	12	20	359	16	28	287	72	18	37	34.7	05	10	10.4	24.3	20	05	407	05	23	323	84
24	20	45	360	17	00	306	54	20	48	28.7	00	57	12.9	15.8	01	32	397	09	35	340	57
25	23	58	361	16	09	313	48	18	17	30.3	13	17	14.8	15.5	00	42	381	16	09	354	27
26 Q	21	30	367	14	45	307	60	18	00	27.6	13	17	15.4	12.2	09	00	372	07	18	360	12
27 Q	23	07	370	14	40	318	52	18	00	27.6	12	40	16.4	11.2	01	00	366	16	10	353	13
28 Q	22	04	373	15	45	331	42	18	03	26.6	12	38	17.1	09.5	18	55	368	23	26	356	12
29 Q	00	15	371	14	35	322	49	18	50	29.0	13	18	14.0	15.0	12	50	361	16	38	344	17
30 Q	21	50	375	15	10	312	63	17	15	30.0	14	54	14.9	15.1	18	46	361	16	34	343	18
31	21	10	383	15	25	313	70	17	21	29.5	12	38	13.3	16.2	21	10	364	09	27	343	21
Mean			398			249	149			35.2			06.3	28.9			446			299	147
No. days			31			31	31			31			31	31			31			31	31

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt — H = 15,000 γ + — November 1947

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	361	364	363	358	358	354	355	355	357	357	356	353	348	337	332	322	322	327	335	348	365	364	353	358	350
2	357	347	340	343	342	351	352	348	354	349	354	353	340	323	310	303	304	312	328	341	353	358	356	361	341
3 Q	358	361	359	358	358	358	359	359	361	361	357	358	352	334	317	313	322	329	338	345	348	354	360	352	349
4	346	357	362	362	361	357	358	358	362	361	355	348	342	334	312	288	315	321	332	341	346	347	351	354	345
5 Q	359	357	354	354	354	354	357	358	360	357	357	356	348	334	319	316	321	329	341	353	359	357	363	363	349
6 Q	361	362	360	358	358	358	359	358	360	359	356	356	346	330	320	315	323	338	352	361	361	361	362	364	352
7 Q	364	364	364	362	361	359	359	361	362	365	364	364	356	339	325	327	325	331	345	352	365	366	368	356	354
8 D	359	358	353	345	342	340	338	333	334	333	355	364	357	351	330	324	334	327	327	335	333	336	333	340	341
9 D	330	325	329	320	324	336	329	332	343	360	384	358	247	298	240	287	290	283	281	330	409	487	479	389	337
10 D	451	307	279	281	277	258	275	277	279	281	296	298	288	265	274	296	281	267	299	317	331	318	332	331	298
11 D	322	298	315	317	315	309	314	322	316	334	335	324	318	243	244	248	233	237	301	320	334	334	317	317	303
12	318	300	293	311	318	302	313	326	306	314	332	331	325	311	303	299	300	301	314	318	320	329	329	326	314
13	330	325	338	333	327	317	328	325	333	329	323	325	331	316	297	290	294	302	309	323	335	339	342	330	322
14	337	335	332	324	333	333	332	336	331	320	333	339	327	318	325	298	294	299	302	315	318	328	333	334	324
15	334	330	309	319	332	334	334	327	320	337	341	341	337	322	307	294	291	294	309	327	335	345	341	333	325
16	335	333	329	322	319	319	326	337	327	326	325	346	350	332	317	301	296	302	317	327	335	340	335	335	326
17	346	345	341	335	343	340	338	343	349	343	336	354	344	333	318	313	307	307	318	335	348	351	354	351	337
18	346	342	342	345	345	342	344	343	348	350	353	355	349	334	316	300	300	309	323	332	336	349	346	350	337
19 D	347	343	341	332	318	298	281	291	289	313	321	326	332	323	309	287	295	306	317	314	314	324	326	324	315
20	327	326	324	331	331	329	331	332	337	332	329	327	332	316	300	286	280	282	297	313	333	334	329	342	321
21	343	339	336	334	328	328	332	333	336	340	347	343	340	326	314	310	297	302	318	334	333	332	338	344	330
22	343	345	344	342	337	337	342	344	347	347	345	347	347	338	342	334	321	316	331	338	334	340	342	345	342
23	341	339	341	336	331	336	331	338	328	334	342	342	338	330	320	311	322	326	326	330	334	344	348	342	338
24	349	350	348	349	344	346	350	349	352	351	351	348	342	334	326	322	316	318	337	340	336	349	362	358	343
25	351	342	342	337	333	332	328	335	331	325	337	341	333	325	315	312	316	325	334	341	346	351	356	353	335
26 Q	355	355	353	351	349	344	341	341	342	346	346	341	339	335	330	322	316	320	328	341	350	358	353	346	342
27	344	344	340	343	339	339	336	341	348	353	354	350	344	335	323	315	316	325	347	368	369	373	366	363	345
28	357	360	356	355	353	352	356	353	356	359	356	354	350	340	330	321	323	327	343	351	357	361	360	361	349
29	363	357	351	340	330	340	335	343	341	347	350	351	345	336	322	317	322	331	335	338	350	345	340	346	341
30	346	345	348	345	345	346	344	351	350	351	351	352	349	340	324	316	317	326	326	339	348	350	352	351	342
31																									
Mean	350	342	340	338	337	335	336	339	339	342	345	345	337	325	313	307	307	311	324	336	345	351	351	348	335

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 42 Agincourt — D = 7° W + . . . ′ — November 1947

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	23.6	23.5	22.4	21.6	20.6	20.7	20.6	21.3	20.1	18.1	18.2	17.7	18.4	18.0	18.3	22.0	24.9	25.8	25.0	24.9	25.4	25.9	26.2	24.8	21.9
2	23.5	23.5	22.5	21.2	20.4	22.6	21.4	20.6	21.1	19.6	19.7	18.6	16.8	15.9	17.0	21.3	24.7	25.9	26.0	25.0	23.7	23.6	24.1	23.6	21.7
3 Q	22.9	22.3	22.2	21.6	21.4	20.9	21.1	20.6	20.6	19.9	18.3	21.8	17.3	14.9	16.8	21.3	25.0	27.1	28.0	27.5	25.9	24.7	23.7	22.3	22.0
4	21.2	22.4	21.8	21.8	21.5	21.6	21.4	20.9	20.7	19.7	19.3	21.5	18.7	18.1	18.1	25.1	28.1	29.1	30.1	28.2	25.9	24.8	24.1	23.2	22.8
5 Q	22.3	22.2	19.9	22.4	21.8	22.3	21.7	21.4	20.8	20.3	19.7	19.5	18.2	17.3	18.2	21.7	24.0	24.8	25.5	24.7	24.1	24.2	24.7	23.4	21.9
6 Q	22.8	22.4	22.3	21.8	21.4	21.2	21.4	21.4	21.2	20.6	20.5	19.7	18.5	16.9	18.1	20.8	24.1	26.0	26.1	25.4	24.4	24.6	24.2	23.2	22.0
7 Q	22.7	22.0	21.4	21.5	21.4	21.1	21.2	20.8	19.7	19.2	19.3	18.7	18.3	18.8	20.3	23.5	24.8	26.9	26.4	24.9	24.1	23.2	23.7	22.8	21.9
8 D	21.5	22.7	22.3	21.7	21.2	20.2	17.7	14.5	14.5	19.7	19.0	19.7	21.2	22.4	20.8	25.4	26.7	27.8	28.3	28.2	26.7	26.6	23.2	21.7	22.2
9 D	21.6	21.9	22.1	22.5	23.5	26.8	18.2	21.8	25.1	30.6	20.7	25.6	57.1	35.2	42.0	38.1	28.6	33.1	31.6	26.0	18.8	13.7	17.0	18.1	26.7
10 D	17.0	22.6	19.7	24.3	24.9	32.2	21.5	23.0	28.1	27.5	25.2	24.5	24.2	23.8	26.1	26.1	27.6	30.2	29.8	27.9	24.7	14.9	23.7	18.8	24.5
11 D	22.4	14.7	22.2	22.5	23.8	23.7	27.3	40.7	18.8	15.6	18.8	22.5	24.7	26.0	39.7	41.0	36.4	41.2	34.0	29.2	24.7	24.9	24.0	20.5	26.6
12	21.8	19.1	17.0	25.5	19.7	22.8	25.6	23.2	22.8	25.1	21.9	21.2	20.4	23.7	25.2	26.4	27.9	27.9	27.6	27.8	26.9	25.9	23.7	21.6	23.8
13	22.1	20.9	22.9	22.0	22.6	24.3	25.9	26.0	27.6	20.1	23.6	26.6	19.2	18.3	20.8	24.6	27.0	28.9	28.5	27.0	26.2	25.6	24.7	23.8	24.1
14	23.2	22.9	22.3	23.0	24.6	23.3	24.0	25.2	20.8	26.5	23.5	19.4	21.4	23.6	22.3	22.9	26.5	27.0	28.9	29.7	30.0	28.8	27.1	24.4	24.7
15	22.8	22.0	20.8	19.2	20.8	21.9	21.6	22.9	32.0	25.6	17.0	17.3	16.8	16.1	15.7	18.3	23.7	28.3	30.1	29.5	27.0	25.0	24.4	24.6	22.7
16	21.8	21.7	19.6	19.9	21.6	26.0	22.0	19.2	17.4	18.5	21.8	22.3	19.7	17.6	15.6	19.9	25.2	28.4	29.7	28.3	26.9	26.1	25.0	23.6	22.4
17	23.8	22.4	21.6	19.9	20.2	22.0	22.5	23.8	24.7	19.7	23.9	21.6	18.3	15.0	13.3	18.9	23.6	27.5	28.9	28.9	27.2	26.1	24.3	23.4	22.6
18	23.3	24.2	19.1	22.7	21.5	21.8	22.6	26.6	24.6	18.4	18.8	19.0	17.6	17.7	18.0	23.0	28.4	30.0	30.8	20.3	18.8	17.6	16.7	15.5	21.5
19 D	22.9	22.5	23.0	22.7	18.1	16.7	23.3	16.3	17.2	25.0	19.4	27.1	19.9	22.3	22.1	25.4	29.9	31.5	32.1	30.9	32.7	30.3	27.1	24.2	24.2
20	23.0	22.1	23.0	23.2	22.6	22.5	22.7	22.6	22.1	19.4	19.0	21.2	19.8	16.3	16.3	19.0	23.1	27.1	29.6	28.8	27.8	27.1	26.3	25.1	23.0
21	23.3	22.4	21.7	22.6	22.4	23.2	22.6	23.3	22.4	21.7	20.3	18.0	16.3	16.6	19.1	21.3	23.5	26.8	30.0	29.9	28.6	28.9	26.0	24.9	23.1
22	24.0	23.1	22.7	22.6	22.7	21.0	20.9	20.7	21.0	21.1	21.0	23.5	21.6	21.8	22.8	21.6	23.1	27.1	29.2	28.3	26.4	25.1	24.7	23.7	23.3
23	23.2	23.7	23.4	23.6	21.4	22.7	23.1	21.6	10.7	15.0	17.7	19.1	18.5	19.0	18.6	22.2	25.5	26.3	26.1	25.5	25.1	25.9	25.5	24.2	22.0
24	23.9	23.1	21.9	21.0	21.4	21.9	22.1	21.8	21.0	20.3	20.9	20.9	19.5	18.2	17.8	18.6	23.2	26.4	28.0	33.4	35.0	31.0	29.5	28.2	23.7
25	26.3	22.7	21.2	21.0	20.9	20.4	20.1	17.3	17.8	18.1	23.3	19.1	20.2	20.1	21.9	22.8	25.1	26.8	27.3	27.2	26.4	25.2	24.1	24.0	22.5
26 Q	23.4	23.3	22.7	21.4	21.0	21.0	21.0	20.6	21.0	20.8	20.2	21.3	20.8	21.0	20.4	21.8	25.3	28.3	28.6	27.4	26.5	25.6	25.9	27.4	23.2
27	25.1	22.4	22.0	21.7	21.0	20.2	19.9	21.1	19.7	19.7	20.4	20.7	20.5	19.8	19.4	20.5	23.8	26.5	27.0	25.5	23.7	23.7	22.5	22.2	22.1
28	22.0	21.5	21.0	20.6	21.0	20.8	21.2	21.4	21.0	20.9	20.2	20.1	19.9	20.1	19.9	22.4	26.0	28.1	26.9	25.2	24.1	23.4	22.8	21.5	22.2
29	21.7	22.2	22.0	21.5	19.3	21.7	21.5	23.2	21.4	21.2	19.5	19.2	18.7	18.7	19.3	22.9	26.4	27.4	28.1	27.7	28.3	26.3	24.2	22.9	22.7
30	22.2	21.9	21.3	21.3	21.0	20.4	22.9	23.2	20.3	20.2	19.4	20.4	19.5	18.3	17.2	18.1	22.2	26.3	28.4	30.1	29.3	24.7	23.3	23.1	22.3
31																									
Mean	22.7	22.1	21.6	21.9	21.5	22.2	21.9	22.2	21.2	20.9	20.3	20.9	20.7	19.7	20.7	23.2	25.8	28.1	28.5	27.4	26.1	24.8	24.2	23.0	23.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 43 Agincourt $Z = 56,000\ \gamma +$ November 1947

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	359	356	355	355	357	356	355	348	349	353	353	355	358	355	351	343	346	349	356	359	363	364	359	359	355
2	358	358	362	360	362	364	360	358	357	355	355	357	358	358	354	352	355	360	360	364	359	358	355	355	358
3 Q	355	354	353	354	353	353	353	353	353	353	352	352	355	357	358	357	358	356	360	361	359	358	360	364	356
4	367	361	357	356	354	353	353	352	351	351	351	351	355	354	350	350	352	351	354	355	357	357	359	358	354
5 Q	355	356	356	356	356	355	354	353	352	352	352	353	355	357	357	354	357	360	360	360	356	354	354	352	355
6 Q	351	350	351	351	352	351	351	351	350	350	350	351	351	351	350	349	349	349	352	353	352	353	353	352	351
7 Q	350	349	349	349	348	348	349	347	348	348	347	347	347	347	348	348	346	350	351	351	351	350	349	354	349
8 D	353	354	357	356	355	349	306	332	332	323	313	322	332	337	334	343	348	355	362	370	373	378	381	376	348
9 D	367	371	365	362	344	309	331	343	340	299	304	295	265	264	304	339	348	371	382	399	468	586	580	469	367
10 D	500	493	408	387	370	293	296	326	340	337	329	347	360	367	388	374	367	382	382	380	401	415	431	401	378
11 D	442	385	391	388	368	357	342	302	306	344	350	333	338	330	349	361	369	396	393	386	401	391	385	388	366
12	378	388	374	305	357	348	342	335	338	351	356	361	361	357	352	352	359	362	370	371	371	368	367	368	358
13	370	370	347	357	358	358	355	357	351	348	337	337	348	354	353	352	359	364	369	369	364	362	363	361	357
14	360	358	359	359	354	352	351	345	347	346	337	341	342	347	345	350	357	363	367	370	373	371	370	365	355
15	363	363	363	365	359	359	357	350	321	332	346	353	356	360	361	364	359	362	362	364	365	362	360	360	357
16	360	359	360	359	348	328	308	332	336	333	344	346	343	350	351	353	358	362	364	363	359	359	357	361	350
17	361	359	353	348	351	352	351	346	342	337	340	331	340	346	345	343	346	352	357	356	356	355	351	350	349
18	349	350	347	345	349	349	348	325	305	332	344	345	348	347	345	342	343	349	354	357	357	358	355	351	345
19 D	350	348	349	349	318	319	289	259	275	272	301	320	336	343	343	345	354	363	366	372	376	375	372	369	336
20	361	359	359	356	354	353	352	347	346	344	347	348	356	358	353	350	353	359	363	365	366	361	360	358	355
21	355	353	353	353	353	349	350	353	350	346	347	347	348	343	342	340	343	352	353	359	360	355	353	352	350
22	348	347	347	348	351	351	348	347	348	347	346	339	338	337	338	334	337	346	351	352	352	348	346	346	345
23	344	345	347	347	350	345	336	297	299	327	335	339	341	340	341	340	339	342	346	347	346	348	348	348	339
24	346	346	345	345	345	345	344	343	342	340	339	339	341	343	343	338	333	335	341	354	363	359	360	365	346
25	361	356	349	347	346	343	335	338	340	334	326	332	338	339	340	343	341	340	340	343	347	346	344	343	342
26 Q	342	342	343	343	343	343	342	342	342	339	342	341	340	339	338	337	336	339	345	348	345	344	343	349	342
27	355	349	348	345	344	344	349	344	343	342	341	338	338	336	333	331	329	331	342	342	337	338	334	336	341
28	335	336	335	337	337	337	335	335	335	335	335	333	335	337	337	335	334	339	342	341	339	335	335	335	337
29	336	335	339	340	346	346	344	344	340	342	340	336	337	338	336	336	332	334	342	346	348	347	342	342	340
30	339	340	339	340	339	337	336	335	336	336	336	337	337	339	339	339	333	335	339	345	344	346	341	339	339
31																									
Mean	362	360	356	352	351	345	341	338	337	339	340	341	343	344	346	346	348	354	357	360	363	367	366	362	351

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 44 Agincourt — November 1947

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	21	25	370	15	49	317	53	21	57	27.3	13	08	13.5	13.8	21	27	365	15	30	342	23
2	22	05	362	15	15	303	59	03	12	26.7	21	07	15.0	11.7	02	55	365	14	57	352	13
3 Q	22	50	364	15	25	310	54	18	45	28.9	13	27	14.5	14.4	23	50	366	11	35	349	17
4	04	34	363	15	18	278	85	18	11	30.9	12	45	16.4	14.5	00	35	369	15	10	345	24
5 Q	22	40	367	15	28	310	57	18	40	25.9	13	56	16.8	09.1	19	36	362	11	02	349	13
6 Q	23	15	365	15	05	315	50	18	28	26.8	13	56	16.8	10.0	22	01	354	16	38	347	7
7 Q	21	50	377	14	30	320	57	17	45	27.8	14	23	17.1	10.7	23	37	359	16	27	343	16
8 D	01	06	364	18	47	313	51	19	15	29.8	06	55	11.8	18.0	21	45	389	07	22	285	104
9 D	22	45	648	18	13	201	447	12	24	74.1	23	05	-24.7	98.8	21	10	631	12	57	237	394
10 D	00	02	507	00	40	152	355	01	12	89.1	23	01	-03.3	92.4	01	12	750	05	03	257	493
11 D	20	19	361	14	23	193	168	07	18	54.1	01	25	-06.0	60.1	00	52	489	07	22	265	224
12	22	05	339	03	00	201	138	03	36	34.6	03	03	-10.1	44.7	01	20	399	03	14	260	139
13	02	22	364	15	16	288	76	08	10	32.5	02	55	15.7	16.8	01	19	372	10	58	331	41
14	11	07	343	15	45	288	55	09	37	31.1	08	55	17.6	13.5	20	58	375	10	07	331	44
15	10	07	352	02	55	282	70	08	41	35.2	13	12	14.1	21.1	03	15	370	08	50	314	56
16	11	56	353	16	40	294	59	06	00	29.9	14	18	13.4	16.5	18	56	368	06	36	291	77
17	11	55	356	17	28	302	54	18	51	29.2	14	23	10.7	18.5	00	42	362	11	34	329	33
18	11	13	355	16	09	291	64	18	08	31.2	02	38	15.3	15.9	21	22	360	08	25	298	62
19 D	00	13	349	07	54	267	82	20	10	34.0	09	25	06.0	28.0	20	15	380	07	40	235	145
20	20	42	342	16	30	276	66	18	35	29.9	14	01	15.4	14.5	20	40	368	08	48	341	27
21	10	52	347	16	08	293	54	18	52	31.7	13	10	15.3	16.4	20	02	363	15	55	336	27
22	12	30	353	17	38	311	42	18	10	30.0	10	00	20.1	09.9	20	02	355	15	35	331	24
23	07	35	350	15	40	306	44	18	10	27.1	08	30	06.6	20.5	04	15	349	07	53	279	70
24	22	59	369	16	57	308	61	20	18	37.3	14	57	17.3	20.0	23	13	370	16	48	331	39
25	22	43	359	15	29	311	48	00	03	28.5	06	52	16.1	12.4	00	15	362	10	33	322	40
26 Q	21	41	358	16	30	315	43	18	28	29.5	15	42	18.8	10.7	23	59	354	16	20	334	20
27	21	43	381	16	20	313	68	18	00	27.8	14	26	18.4	09.4	00	22	356	16	38	326	30
28	21	12	365	16	10	314	51	17	33	28.4	13	05	18.1	10.3	19	09	343	11	37	330	13
29	00	47	368	15	57	307	61	18	30	29.5	04	17	15.5	14.0	20	25	349	17	10	329	20
30	04	45	356	16	00	309	47	19	07	31.0	14	21	16.2	14.8	21	14	349	17	33	333	16
31																					
Mean			373			286	87			34.3			11.6	22.7			390			315	75
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 1947

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	345	330	348	350	350	345	344	345	348	333	355	355	350	340	327	316	309	319	328	336	347	350	355	356	341
2	301	299	298	323	347	351	347	343	341	345	346	349	345	312	324	300	289	305	331	341	347	353	350	351	331
3 Q	354	352	350	349	346	346	340	340	345	349	346	347	343	335	325	315	311	319	334	345	350	355	357	356	342
4	355	355	355	351	351	348	357	354	360	362	364	364	355	344	331	310	313	329	338	344	343	344	347	351	347
5	347	333	339	325	320	340	341	345	349	347	342	349	347	332	316	310	313	309	320	334	343	355	355	337	335
6 D	329	309	307	319	311	316	334	334	331	339	344	362	329	321	326	311	299	281	281	298	334	337	314	333	321
7	334	332	329	329	331	339	339	331	334	342	345	343	344	339	334	320	306	298	313	314	324	337	339	342	331
8	340	335	338	340	340	333	328	333	344	339	344	344	346	345	339	331	326	320	330	337	344	349	349	351	339
9 D	346	344	338	323	332	341	332	330	336	338	334	359	363	318	322	328	310	302	302	312	332	338	334	332	331
10	341	336	336	338	333	328	324	328	325	330	330	357	351	340	333	318	317	315	326	333	341	341	338	339	333
11	338	336	327	322	322	309	322	341	340	338	339	349	359	346	332	323	316	307	306	313	328	339	344	336	330
12 D	334	336	324	313	324	338	332	332	341	337	344	348	360	358	348	320	297	333	329	338	339	344	332	332	334
13 D	343	337	319	338	333	332	325	343	332	332	333	339	340	336	336	315	296	313	330	332	332	335	343	343	331
14	338	332	338	336	332	332	330	318	327	340	324	348	354	332	322	319	314	311	321	327	335	337	338	336	331
15	322	338	337	331	327	327	327	331	332	341	340	342	347	333	317	311	314	315	312	322	327	335	340	342	329
16	347	342	340	332	328	340	342	340	339	338	337	349	349	337	327	319	314	317	327	338	344	347	347	352	337
17 Q	349	348	352	347	353	348	345	348	351	349	352	357	354	350	342	327	315	312	319	328	341	345	349	347	343
18	342	348	353	353	349	348	347	343	349	359	362	363	362	359	347	332	325	326	332	333	333	347	345	338	346
19	342	346	344	338	341	333	341	348	342	338	349	357	358	350	343	332	330	318	321	331	337	340	347	347	341
20 Q	345	346	348	347	344	342	343	343	345	350	347	352	354	355	348	332	322	322	332	340	345	352	353	354	344
21 Q	352	353	352	352	351	350	350	355	358	358	357	354	354	341	331	317	311	317	327	339	350	358	363	363	346
22	360	358	357	357	355	358	361	362	363	362	362	363	363	358	338	322	322	329	337	338	348	358	353	347	352
23 D	341	332	335	336	333	328	317	326	333	351	352	353	343	343	322	323	319	328	338	345	352	358	358	363	339
24	358	353	357	352	350	353	353	353	352	352	351	350	348	342	332	319	317	326	337	344	348	354	360	362	347
25	357	358	358	356	358	358	357	355	353	353	357	352	347	338	334	327	323	331	345	354	364	368	364	365	352
26	360	357	363	368	363	358	353	348	342	353	348	348	351	339	324	318	321	324	334	343	352	357	363	359	348
27	358	362	353	349	347	328	322	338	349	350	348	346	344	333	321	316	312	317	325	337	348	358	359	350	341
28	349	353	353	348	345	343	350	352	348	352	348	345	338	335	328	319	320	328	336	343	348	359	353	354	344
29	355	353	352	347	343	349	350	347	351	348	345	337	329	318	299	314	322	325	335	338	348	347	353	360	340
30	356	352	347	347	348	348	348	352	354	357	353	350	345	340	331	322	320	329	342	352	362	363	359	354	347
31 Q	355	353	353	347	352	353	354	353	355	357	357	354	352	343	327	318	318	326	340	352	362	365	365	363	349
Mean	345	343	342	341	341	341	341	343	344	347	347	352	349	339	330	320	314	318	327	335	344	349	349	349	340

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 46 Agincourt — D = 7° W + . . . ′ — December 1947

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	22.7	19.0	21.4	21.4	21.5	22.0	21.5	21.1	20.9	28.4	17.8	16.6	18.7	18.3	19.3	20.9	23.6	25.7	26.3	26.0	25.4	24.8	23.4	22.4	22.1
2	21.8	21.1	22.0	22.2	21.9	21.5	21.4	20.6	19.6	19.7	18.4	20.3	18.6	18.0	18.8	22.4	26.1	29.3	30.3	29.3	27.9	26.0	25.4	23.6	22.8
3 Q	22.1	21.1	20.5	20.7	20.9	21.7	21.1	21.5	20.9	20.9	20.3	20.3	19.7	18.3	17.8	20.6	23.9	26.8	27.9	27.3	26.0	24.5	24.2	23.0	22.2
4	22.1	21.6	21.6	21.3	21.5	21.6	21.6	21.3	21.6	21.2	20.5	20.3	19.6	20.5	19.2	20.8	27.9	30.8	29.5	28.0	27.0	25.8	24.0	22.9	23.0
5	22.2	18.5	21.4	12.2	19.7	23.3	21.4	24.4	26.2	20.6	18.0	18.5	18.1	18.2	22.0	24.1	25.8	27.6	28.3	27.2	26.6	24.4	23.9	25.2	22.4
6 D	17.6	17.6	17.1	17.1	22.1	19.9	23.6	23.9	24.4	25.8	19.6	21.2	30.7	32.1	31.2	28.8	28.8	30.4	34.9	35.9	29.8	29.0	25.4	24.2	25.4
7	23.4	21.6	20.4	21.0	21.6	24.1	22.1	21.6	20.7	22.6	20.7	20.7	20.7	21.6	22.3	24.0	25.7	26.9	29.6	29.5	29.5	25.7	24.0	23.2	23.4
8	22.5	22.3	21.1	22.3	22.3	21.6	19.8	20.5	21.5	21.6	21.3	22.7	23.2	19.9	19.5	20.4	22.2	24.5	25.4	24.8	24.3	24.4	23.5	22.8	22.3
9 D	22.1	22.0	22.3	20.7	22.8	22.2	22.0	19.3	18.8	18.0	26.9	25.0	21.7	27.6	31.1	22.6	26.2	29.6	32.6	33.1	26.5	24.9	26.4	22.5	24.5
10	22.2	21.4	20.5	20.4	21.3	21.4	26.4	21.8	20.8	19.1	24.2	19.8	18.9	19.8	19.8	20.7	22.9	24.1	25.4	25.6	25.8	25.4	25.8	25.3	22.5
11	23.3	21.0	21.6	18.5	18.9	20.4	21.1	22.8	20.9	20.4	23.1	24.0	23.2	23.2	21.5	22.6	24.1	27.6	30.5	29.8	27.2	24.7	23.5	23.8	23.3
12 D	23.2	21.6	21.2	24.4	18.8	20.9	20.8	24.5	19.6	18.8	21.9	22.3	31.4	21.5	21.7	20.3	31.9	32.8	29.7	27.2	26.6	25.7	26.6	23.9	24.1
13 D	22.3	21.4	17.8	19.6	21.6	22.1	20.6	23.5	16.4	17.8	20.6	27.2	21.5	24.7	20.6	23.6	27.8	32.1	29.6	27.1	25.7	25.1	23.4	22.6	23.1
14	22.1	21.3	19.6	19.5	20.1	22.1	24.4	27.2	25.9	21.9	27.8	30.8	26.0	24.4	26.0	27.0	26.2	28.0	29.5	29.0	27.6	25.3	23.2	22.8	24.9
15	20.5	20.9	20.6	21.0	21.4	20.5	22.1	24.6	24.5	21.7	19.8	21.7	20.5	17.8	20.8	26.2	29.1	29.6	28.3	27.9	26.8	26.0	24.2	23.4	23.3
16	22.6	21.7	21.4	20.9	19.3	23.1	22.8	22.4	22.6	20.7	22.1	24.6	20.3	18.8	19.6	21.2	22.6	25.0	26.6	26.4	25.5	25.0	23.6	23.0	22.6
17 Q	22.8	21.7	22.1	22.3	21.8	21.2	22.1	22.3	22.4	21.9	21.5	19.6	18.4	19.6	18.9	19.9	24.5	25.9	27.7	27.6	26.3	25.6	24.5	23.5	22.6
18	23.2	22.3	21.4	21.2	21.4	21.7	22.3	24.6	22.8	19.6	19.6	20.0	21.7	21.5	20.6	20.4	21.8	24.1	26.7	27.6	27.8	26.6	25.0	24.5	22.8
19	23.3	21.7	20.6	19.8	20.4	20.0	22.0	23.5	19.9	20.7	23.8	20.1	20.2	18.0	17.9	20.7	24.4	26.5	27.8	27.9	28.8	26.1	24.7	23.9	22.7
20 Q	23.1	21.6	20.6	21.0	21.6	20.3	22.8	21.1	20.3	21.5	19.7	19.7	18.9	17.8	17.6	21.2	24.6	27.4	28.8	28.8	27.1	25.8	24.0	23.1	22.5
21 Q	22.1	20.9	20.4	20.7	20.7	21.6	20.7	22.3	21.6	20.7	20.7	20.9	19.8	18.7	17.3	19.7	23.8	26.6	27.3	26.7	25.7	24.9	23.4	22.5	22.1
22	22.4	21.6	21.5	21.5	21.7	22.4	22.5	22.4	21.6	20.7	19.5	18.8	18.7	15.8	16.1	21.8	24.9	26.2	26.8	27.0	27.3	26.3	24.7	25.2	22.4
23 D	24.3	23.4	22.5	22.4	21.6	20.9	11.8	19.5	20.4	18.8	19.7	18.9	17.4	16.7	16.8	21.3	23.3	24.9	26.9	26.7	25.1	24.2	23.7	24.2	21.5
24	22.4	20.4	20.2	21.6	21.6	22.5	22.4	21.9	21.6	21.5	20.6	20.4	19.7	17.8	17.4	19.2	21.6	23.6	25.5	26.5	26.7	25.6	23.4	23.9	22.0
25	21.6	19.9	19.8	21.6	21.2	21.7	21.1	20.8	20.7	20.3	19.8	19.8	19.2	17.9	18.7	20.8	23.4	24.0	26.2	26.6	25.2	25.2	23.5	21.2	21.7
26	21.1	20.4	20.8	20.9	20.8	20.7	21.0	21.1	21.8	20.7	17.5	18.5	18.8	17.7	20.7	24.7	24.7	26.7	26.2	25.6	23.8	23.4	23.0	23.5	21.8
27	22.5	22.0	23.2	20.5	19.8	19.8	19.4	19.5	20.1	20.4	18.3	20.7	19.8	18.7	19.1	21.7	23.9	25.7	26.8	28.0	25.8	24.2	27.1	26.1	22.2
28	23.9	21.6	21.6	21.6	21.2	21.5	22.1	21.8	21.6	22.2	21.7	20.8	20.5	19.6	17.7	19.4	23.6	25.8	26.6	25.8	24.8	24.7	25.3	24.8	22.5
29	22.6	20.8	20.7	21.8	21.6	21.6	22.0	20.7	21.0	20.7	19.7	17.7	18.0	17.1	21.2	28.0	27.1	29.6	28.1	26.6	25.6	24.8	22.1	22.7	22.6
30	21.2	20.7	21.1	21.8	21.7	21.9	22.1	21.7	21.2	20.8	20.8	20.0	20.1	18.7	17.8	22.3	26.2	28.0	27.5	25.1	23.5	22.8	22.5	22.0	22.1
31 Q	21.7	21.4	20.9	20.8	21.2	22.1	22.0	21.7	21.6	20.9	20.2	19.3	18.4	17.3	18.0	20.3	24.1	25.6	25.8	25.0	24.4	23.2	21.8	21.8	21.6
Mean	22.3	21.1	20.9	20.7	21.1	21.6	21.6	22.1	21.5	21.0	20.8	21.0	20.7	20.0	20.2	22.2	25.1	27.1	28.0	27.6	26.4	25.2	24.2	23.5	22.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 47 Agincourt $Z = 56,000\ \gamma +$ December 1947

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	342	346	345	340	338	339	337	336	336	295	296	319	328	329	332	331	327	331	332	335	336	339	338	338	332
2	337	337	338	337	336	337	337	335	334	335	334	328	326	327	329	331	336	340	335	338	341	341	339	339	335
3 Q	338	337	336	338	337	337	337	332	335	336	336	334	335	334	332	326	327	331	337	340	339	337	335	333	335
4	335	334	334	335	333	333	334	332	331	329	329	327	327	327	330	330	330	330	334	337	337	339	337	337	333
5	337	338	337	332	337	343	336	335	330	325	319	326	331	331	332	330	331	330	336	340	342	339	334	338	334
6 D	353	378	383	374	351	345	338	333	318	294	289	299	302	311	318	324	331	342	351	362	362	361	362	359	339
7	349	343	342	338	336	331	326	327	314	318	332	332	331	334	331	328	331	343	345	351	349	345	342	338	336
8	337	338	338	338	337	329	308	320	336	336	334	331	330	330	331	331	331	334	338	337	338	336	335	334	333
9 D	331	330	329	338	333	316	310	324	328	323	310	299	307	310	318	322	325	330	339	349	363	352	346	346	328
10	344	339	329	337	335	333	321	309	312	303	302	311	321	327	331	328	330	330	332	336	339	339	339	340	328
11	340	338	338	336	327	317	313	326	331	325	320	313	311	317	321	326	329	332	342	348	346	342	338	338	330
12 D	336	337	338	332	332	339	332	317	310	316	320	320	296	307	315	314	322	335	343	339	338	341	341	343	328
13 D	339	337	338	330	333	331	313	292	297	291	292	294	305	318	320	323	332	334	336	339	338	337	335	334	323
14	334	334	332	330	328	325	304	289	284	275	284	292	303	313	323	324	326	332	334	340	340	338	336	335	319
15	337	336	334	331	325	321	322	324	323	322	322	326	329	329	328	328	330	331	333	339	336	339	337	337	330
16	333	333	330	328	328	331	330	326	322	319	318	322	323	326	326	322	322	322	328	333	331	329	326	327	326
17 Q	325	325	325	324	322	321	323	324	324	323	323	320	321	320	321	317	318	321	325	330	334	330	328	328	324
18	328	328	328	325	325	323	319	317	317	317	317	317	318	318	318	315	312	314	319	325	330	327	326	329	321
19	329	326	325	321	316	319	318	314	311	311	311	307	312	315	315	315	315	315	322	331	332	332	328	328	319
20 Q	327	324	324	324	324	322	320	317	322	322	318	318	319	321	318	317	315	320	325	329	331	328	324	323	322
21 Q	327	324	321	321	322	321	322	322	321	321	321	321	323	324	321	316	321	328	331	328	328	324	323	319	323
22	318	318	319	318	320	319	318	317	317	316	316	314	316	314	307	308	313	320	322	324	326	326	327	332	318
23 D	333	337	334	331	330	327	319	328	323	315	322	323	320	321	314	309	313	318	323	327	326	327	323	324	324
24	326	323	322	323	325	323	322	322	321	321	321	321	321	320	316	313	317	322	323	324	328	329	328	327	323
25	325	323	321	320	320	320	320	319	319	318	318	318	321	321	319	317	316	315	316	319	321	321	320	320	320
26	320	322	323	318	316	316	315	315	311	310	312	315	319	316	313	310	313	315	317	319	320	320	320	320	316
27	321	324	328	328	326	321	327	328	325	322	317	316	320	316	312	315	312	315	318	321	323	323	327	333	322
28	331	323	321	319	319	320	320	319	318	316	316	316	320	323	318	311	309	308	311	319	321	323	322	328	319
29	323	325	320	320	321	321	320	317	319	317	315	314	319	319	311	305	311	312	314	320	321	325	325	325	318
30	320	317	316	316	315	317	317	316	315	314	315	314	316	315	311	308	308	311	315	316	314	314	312	314	315
31 Q	311	313	313	313	313	313	313	313	313	311	310	312	313	313	310	313	314	315	315	315	313	310	310	310	313
Mean	332	332	331	329	327	326	322	321	320	316	316	317	319	321	320	319	321	325	329	333	333	333	331	332	325

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 48 Agincourt — December 1947

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	10	34	375	16	45	302	73	09	35	34.5	11	47	15.4	19.1	01	12	347	09	43	278	69
2	21	23	356	16	32	283	73	18	02	31.3	12	34	16.2	15.1	17	40	341	12	00	322	19
3 Q	22	56	360	16	40	305	55	18	47	28.4	14	43	17.2	11.2	19	47	342	13	34	325	17
4	11	13	365	15	31	301	64	17	02	32.4	14	45	17.6	14.8	21	40	340	17	28	326	14
5	22	27	357	17	10	305	52	18	27	28.8	03	35	03.2	25.6	04	50	350	10	28	315	35
6 D	11	42	365	17	20	257	108	19	06	39.5	01	03	10.6	28.9	01	53	397	10	25	280	117
7	08	39	347	17	18	289	58	08	18	33.1	07	43	19.6	13.5	19	57	354	08	49	296	58
8	06	11	354	06	40	309	45	18	05	25.9	16	13	18.0	07.9	19	30	340	06	26	288	52
9 D	11	55	370	18	37	289	81	14	14	37.9	09	04	14.4	23.5	20	45	369	11	22	293	76
10	11	36	357	16	40	306	51	06	42	31.7	09	45	17.1	14.6	00	01	346	10	35	298	48
11	12	05	361	18	09	292	69	18	53	32.4	04	07	14.7	17.7	19	25	348	06	07	299	49
12 D	12	25	370	16	25	284	86	12	12	40.8	04	42	13.6	27.2	18	47	348	12	48	287	61
13 D	07	23	358	16	48	286	72	17	18	34.7	02	40	07.5	27.2	02	50	342	09	20	276	66
14	12	05	363	17	13	306	57	11	02	35.1	03	51	15.1	20.0	19	40	342	10	05	261	81
15	11	48	347	00	45	306	41	17	13	30.5	01	04	10.5	20.0	00	55	341	06	30	319	22
16	11	42	352	16	57	312	40	18	30	27.4	04	05	16.4	11.0	00	07	335	10	30	315	20
17 Q	11	53	358	17	00	306	52	18	52	28.2	12	22	18.2	10.0	20	00	334	15	25	316	18
18	11	57	363	17	30	318	45	20	23	29.1	09	45	18.6	10.5	20	22	332	17	36	309	23
19	11	50	359	08	15	314	45	20	15	29.1	14	19	16.2	12.9	20	37	333	10	55	304	29
20 Q	23	25	356	17	07	317	39	18	32	29.5	14	25	16.4	13.1	20	00	332	15	40	314	18
21 Q	23	10	363	16	30	307	56	18	02	27.7	14	13	17.4	10.3	19	02	339	15	35	315	24
22	12	02	368	15	35	318	50	20	00	28.8	13	39	14.3	14.5	23	45	333	14	42	305	28
23 D	23	32	363	15	50	310	53	18	42	27.9	06	30	05.3	22.6	01	22	340	15	39	305	35
24	23	28	365	16	25	314	51	20	40	27.7	14	02	16.9	10.8	22	00	331	14	40	313	18
25	21	35	371	16	15	321	50	19	04	27.9	14	03	17.3	10.6	21	35	326	17	35	315	11
26	02	22	368	15	28	314	54	17	26	27.8	13	22	13.2	14.6	01	50	328	08	28	305	23
27	22	37	373	16	40	307	66	22	48	30.8	10	35	15.7	15.1	23	58	335	16	07	310	25
28	23	35	362	15	45	309	53	00	01	27.8	14	08	13.2	14.6	00	10	333	16	43	304	29
29	23	36	362	14	47	290	72	15	26	31.8	13	24	16.1	15.7	23	00	327	15	18	304	23
30	21	37	367	15	47	318	49	17	58	28.3	14	45	15.8	12.5	00	01	321	14	48	305	16
31 Q	21	10	366	15	30	312	54	18	02	26.2	13	27	16.6	09.6	18	50	315	23	10	307	8
Mean			362			303	59			30.8			14.8	16.0			340			303	37
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 — 1947

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	+12	+10	+8	+7	+5	+1	-2	+2	-2	+1	+5	+2	-4	-15	-25	-27	-21	-13	-2	+7	+11	+10	+11
February	+10	+9	+6	+5	+5	+7	+8	+8	+5	+7	+8	+6	+1	-5	-16	-24	-29	-28	-20	-7	+3	+8	+11	+12
March	+37	+22	+15	+5	+1	-2	-4	-7	-26	-28	-9	-4	-14	-19	-32	-41	-38	-21	-5	+16	+36	+40	+41	+35
April	+11	+11	+8	+6	+4	+4	+1	-5	+1	+3	+2	-2	-10	-23	-33	-48	-40	-24	-7	+13	+36	+36	+38	+21
May	+12	+11	+11	+8	+5	+5	+3	+3	-10	-3	-2	-3	-12	-27	-40	-40	-28	-11	+8	+20	+27	+29	+23	+20
June	+18	+6	+5	-9	0	-5	-3	-6	-12	-11	-4	-3	-10	-20	-31	-37	-28	-11	+9	+25	+32	+39	+35	+30
July	+21	+9	+4	+3	0	-2	-2	+1	-3	-7	-8	-9	-14	-28	-37	-44	-33	-12	+8	+19	+32	+30	+27	+34
August	+24	+17	+14	+7	+6	+1	-3	-2	-6	-14	-20	-20	-29	-36	-52	-49	-33	-12	+7	+25	+40	+46	+54	+39
September	+21	+21	+13	+7	-4	-12	-17	-26	-15	-8	-8	-4	-12	-25	-36	-45	-38	-18	+11	+35	+45	+47	+34	+23
October	+19	+13	+15	+12	+2	-5	-13	-17	-7	0	+9	+9	-2	-16	-29	-36	-32	-21	-8	+9	+18	+23	+21	+24
November	+15	+7	+5	+3	+2	0	+1	+4	+4	+7	+10	+10	+2	-10	-22	-28	-28	-24	-11	+1	+10	+16	+16	+13
December	+5	+3	+2	+1	+1	+1	+1	+3	+4	+7	+7	+12	+9	-1	-10	-20	-26	-22	-13	-5	+4	+9	+9	+9
Year	+16.9	+11.8	+9.0	+4.7	+2.4	-0.2	-2.2	-3.8	-5.2	-4.1	-1.2	-0.2	-7.4	-17.8	-29.4	-36.4	-31.7	-18.8	-2.8	+12.4	+24.2	+27.8	+26.6	+22.6
Winter	+10.0	+7.8	+5.8	+4.2	+3.8	+3.2	+2.8	+3.2	+3.8	+4.8	+6.5	+8.2	+3.5	-5.0	-15.8	-24.2	-27.5	-23.8	-14.2	-3.2	+6.0	+11.0	+11.5	+11.2
Equinox	+22.0	+16.8	+12.8	+7.5	+0.8	-3.8	-8.2	-13.8	-11.8	-8.2	-1.5	-0.2	-9.5	-20.8	-32.5	-42.5	-37.0	-21.0	-2.2	+18.2	+33.8	+36.5	+33.5	+25.8
Summer	+18.8	+10.8	+8.5	+2.2	+2.8	-0.2	-1.2	-1.0	-7.8	-8.8	-8.5	-8.8	-16.2	-27.8	-40.0	-42.5	-30.5	-11.5	+8.0	+22.2	+32.8	+36.0	+34.8	+30.8

DECLINATION (minutes) (All Days)

Table 50 Agincourt — 1947

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	+0.5	+1.5	+2.2	+2.3	+1.3	+0.9	+1.0	+1.2	+1.4	+1.0	+0.4	+0.4	+2.0	+3.8	+3.4	+0.9	-1.7	-4.1	-5.0	-4.8	-3.7	-2.3	-1.6	-0.9
February	-0.3	+0.1	+1.3	+1.9	+1.7	+1.4	+1.6	+1.9	+1.2	+2.4	+2.3	+1.7	+1.7	+3.4	+3.9	+2.0	-0.7	-3.2	-5.5	-5.9	-5.0	-3.4	-2.0	-1.8
March	+0.8	+3.1	+2.4	+2.7	+3.4	+3.2	+2.5	+2.8	+0.8	+0.5	+0.2	+0.8	+2.0	+3.2	+3.5	+0.7	-3.6	-6.7	-7.3	-6.8	-4.2	-2.4	-1.7	-0.1
April	+0.1	+0.2	+1.5	+1.4	+2.3	+2.1	+2.1	+1.3	+1.9	+2.3	+3.6	+5.2	+7.7	+7.4	+5.2	+0.8	-6.3	-8.7	-10.2	-9.5	-5.8	-3.4	-1.8	-0.6
May	+0.6	+0.1	+0.7	+0.8	-0.1	+1.2	+0.7	-0.2	-0.4	+3.0	+5.1	+8.2	+9.6	+8.0	+4.0	-2.4	-6.9	-9.1	-9.6	-8.0	-5.0	-1.9	+0.4	+1.6
June	+0.8	+0.6	0.0	+0.3	-1.2	+0.1	-0.1	+0.4	+0.5	+2.7	+5.5	+8.6	+10.1	+8.6	+5.1	-0.3	-5.6	-7.9	-9.5	-8.6	-6.6	-3.6	-1.1	+0.3
July	+1.5	+0.3	+0.4	+0.9	+1.0	+0.2	+0.2	-0.1	+0.5	+1.7	+4.4	+7.2	+9.0	+8.4	+5.3	0.0	-5.2	-8.3	-8.7	-8.3	-5.8	-4.3	-1.3	+0.8
August	+1.3	+2.7	+2.2	+0.3	+1.5	+0.8	+1.4	+1.6	+0.4	-0.4	+2.1	+7.7	+9.4	+8.1	+3.8	-2.6	-7.6	-9.4	-9.1	-7.6	-4.8	-2.2	+0.3	+1.3
September	+1.3	+1.1	+1.1	+0.3	+1.7	+2.4	+0.3	+1.8	+4.8	+4.2	+3.6	+5.1	+6.8	+5.5	+2.2	-2.9	-6.7	-9.2	-8.8	-6.3	-3.6	-2.2	-1.7	-0.2
October	-0.2	+1.1	+1.4	+1.4	+4.1	+3.5	+1.8	+1.5	+2.8	+1.8	+2.1	+2.7	+2.8	+3.1	+2.8	-0.3	-4.3	-6.0	-6.9	-5.9	-4.7	-3.2	-1.5	-0.4
November	+0.3	+0.9	+1.4	+1.1	+1.5	+0.8	+1.1	+0.8	+1.8	+2.1	+2.7	+2.1	+2.3	+3.3	+2.3	-0.2	-2.8	-5.1	-5.5	-4.4	-3.1	-1.8	-1.2	0.0
December	+0.4	+1.6	+1.8	+2.0	+1.6	+1.1	+1.1	+0.6	+1.2	+1.7	+1.9	+1.7	+2.0	+2.7	+2.5	+0.5	-2.4	-4.4	-5.3	-4.9	-3.7	-2.5	-1.5	-0.8
Year	+0.6	+1.1	+1.4	+1.3	+1.6	+1.5	+1.2	+1.1	+1.4	+1.9	+2.8	+4.3	+5.4	+5.5	+3.7	-0.3	-4.4	-6.8	-7.6	-6.7	-4.7	-2.8	-1.2	-0.1
Winter	+0.2	+1.0	+1.7	+1.8	+1.5	+1.0	+1.2	+1.1	+1.4	+1.8	+1.8	+1.5	+2.0	+3.3	+3.0	+0.8	-1.9	-4.2	-5.3	-5.0	-3.9	-2.5	-1.6	-0.9
Equinox	+0.5	+1.4	+1.6	+1.4	+2.9	+2.8	+1.7	+1.8	+2.6	+2.2	+2.4	+3.4	+4.8	+4.8	+3.4	-0.4	-5.0	-7.6	-8.3	-7.1	-4.6	-2.8	-1.7	-0.3
Summer	+1.0	+0.9	+0.8	+0.6	+0.3	+0.6	+0.6	+0.4	+0.2	+1.8	+4.3	+7.9	+9.5	+8.3	+4.6	-1.3	-6.3	-8.7	-9.2	-8.1	-5.6	-3.0	-0.4	+1.0

VERTICAL INTENSITY (gammas) (All Days)

Table 51 Agincourt — 1947

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	+9	+7	+5	+3	+1	-2	-5	-9	-10	-17	-19	-13	-7	-6	-9	-6	0	+4	+9	+13	+14	+12	+9	+10
February	+9	+11	+9	+5	-1	+1	0	-2	-11	-12	-15	-15	-11	-8	-8	-8	-7	0	+4	+8	+12	+13	+11	+12
March	+35	+25	+21	-3	-13	-24	-29	-34	-52	-61	-43	-25	-22	-11	-2	-1	+9	+21	+30	+37	+38	+36	+37	+32
April	+18	+13	+7	+2	-3	-10	-14	-20	-15	-16	-13	-10	-7	-5	-5	-5	-1	+2	+6	+14	+17	+7	+21	+20
May	+13	+7	+3	-4	-10	-10	-13	-20	-24	-6	-3	-3	-5	-7	-7	-9	-7	-2	+4	+13	+19	+23	+23	+20
June	+25	+14	+11	-9	-18	-15	-17	-18	-22	-15	-6	-4	-4	-5	-6	-6	-4	-1	+4	+11	+15	+20	+24	+27
July	+19	+12	+6	-6	-8	-12	-17	-14	-11	-10	-9	-7	-6	-7	-9	-11	-11	-7	+1	+7	+14	+24	+27	+26
August	+25	+17	+12	-5	-10	-24	-28	-24	-24	-33	-24	-16	-14	-13	-10	-4	+2	+8	+18	+25	+30	+36	+34	+32
September	+29	+28	+7	-7	-16	-25	-45	-47	-52	-44	-36	-24	-16	-15	-8	-1	+9	+23	+29	+36	+45	+46	+47	+38
October	+26	+20	+19	+9	-8	-19	-35	-35	-36	-30	-26	-15	-9	-9	-7	-4	+3	+10	+17	+23	+25	+27	+27	+27
November	+11	+9	+5	+1	0	-6	-10	-13	-14	-12	-11	-10	-8	-7	-5	-5	-3	+3	+6	+9	+12	+16	+15	+11
December	+7	+7	+6	+4	+2	+1	-3	-4	-5	-9	-9	-8	-6	-4	-5	-6	-4	0	+4	+8	+8	+8	+6	+7
Year	+18.8	+14.2	+9.2	-0.8	-7.0	-12.1	-18.0	-20.0	-23.0	-22.1	-17.8	-12.5	-9.6	-8.1	-6.8	-5.5	-1.2	+5.1	+11.0	+17.0	+20.8	+22.3	+23.4	+21.8
Winter	+9.0	+8.5	+6.2	+3.2	+0.5	-1.5	-4.5	-7.0	-10.0	-12.5	-13.5	-11.5	-8.0	-6.2	-6.8	-6.2	-3.5	+1.8	+5.8	+9.5	+11.5	+12.2	+10.2	+10.0
Equinox	+27.0	+21.5	+13.5	+0.2	-10.0	-19.5	-30.8	-34.0	-38.8	-37.8	-29.5	-18.5	-13.5	-10.0	-5.5	-2.8	+5.0	+14.0	+20.5	+27.5	+31.2	+29.0	+33.0	+29.2
Summer	+20 8	+12.5	+8.0	-6.0	-11.2	-15.0	-18.8	-18.8	-20.2	-16.0	-10.5	-7.5	-7.0	-7.8	-8.0	-7.5	-5.0	-0.5	+6.8	+14.2	+19.8	+25.8	+27.0	+26.2

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 1947

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	+7	+7	+6	+5	+5	+5	+6	+7	+8	+9	+9	+7	+3	-8	-25	-36	-36	-22	-8	+5	+15	+17	+3	+11
February	+8	+8	+7	+6	+7	+8	+10	+10	+10	+11	+10	+9	+5	-1	-11	-24	-30	-30	-20	-9	-1	+3	+6	+9
March	+11	+12	+13	+12	+12	+13	+13	+11	+10	+9	+10	+8	0	-12	-23	-35	-41	-34	-23	-9	+6	+13	+12	+10
April	+14	+13	+13	+10	+5	+8	+6	+5	+11	+12	+12	+9	-1	-18	-36	-49	-43	-30	-9	+5	+16	+17	+15	+15
May	+3	+4	+4	+4	+4	+3	+5	+4	+2	-1	-1	-2	-7	-19	-29	-30	-19	-4	+11	+19	+22	+15	+6	+5
June	+4	+2	+3	+4	+4	+6	+6	+5	+3	+3	+3	-2	-12	-22	-33	-39	-29	-10	+8	+19	+22	+21	+16	+17
July	+10	+7	+7	+7	+8	+6	+5	+5	0	-2	-1	-1	-9	-21	-32	-42	-34	-15	+5	+19	+29	+23	+17	+11
August	+16	+14	+16	+12	+13	+13	+3	+2	+1	0	+4	-2	-17	-35	-50	-49	-35	-19	-3	+14	+27	+34	+25	+19
September	+13	+14	+14	+12	+9	+6	+5	+6	+5	+3	0	-1	-13	-26	-41	-48	-38	-18	+8	+22	+22	+19	+14	+12
October	+11	+11	+11	+8	+10	+8	+6	+6	+7	+8	+7	+3	-7	-20	-30	-32	-26	-18	-7	+3	+7	+11	+12	+12
November	+8	+9	+8	+6	+6	+5	+5	+6	+7	+8	+7	+6	-1	-14	-27	-30	-27	-19	-7	+2	+9	+12	+14	+9
December	+8	+8	+8	+5	+6	+4	+2	+4	+6	+8	+7	+8	+6	0	-11	-24	-30	-27	-16	-5	+3	+9	+11	+10
Year	+9.4	+9.1	+9.2	+7.6	+7.4	+7.1	+6.0	+5.9	+5.8	+5.7	+5.6	+3.4	-4.4	-16.3	-29.0	-36.5	-32.3	-20.5	-5.1	+7.1	+14.8	+16.2	+12.6	+11.7
Winter	+7.8	+8.0	+7.2	+5.5	+6.0	+5.5	+5.8	+6.8	+7.8	+9.0	+8.2	+7.5	+3.2	-5.8	-18.5	-28.5	-30.8	-24.5	-12.8	-1.8	+6.5	+10.2	+8.5	+9.8
Equinox	+12.2	+12.5	+12.8	+10.5	+9.0	+8.8	+7.5	+7.0	+8.2	+8.0	+7.2	+4.5	-5.2	-19.0	-32.5	-41.0	-37.0	-25.0	-7.8	+5.2	+12.8	+15.0	+13.2	+12.2
Summer	+8.2	+6.8	+7.5	+6.8	+7.2	+7.0	+4.8	+4.0	+1.5	0.0	+1.2	-1.8	-11.2	-24.2	-36.0	-40.0	-29.2	-12.0	+5.2	+17.8	+25.0	+23.2	+16.0	+13.0

DECLINATION (minutes) (Qiet Days)

Table 53 Agincourt 1947

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	+0.6	+0.9	+1.1	+0.8	+0.4	+0.1	+0.1	+0.5	+0.6	+0.8	+1.2	+1.6	+2.4	+4.6	+5.0	+1.5	-3.0	-5.8	-6.1	-4.2	-2.1	-0.6	-0.2	-0.2
February	-1.4	-0.9	-0.7	-0.6	-0.3	-0.2	+0.2	+0.2	+0.6	+1.1	+1.5	+1.9	+3.0	+5.0	+6.2	+5.2	+1.9	-1.9	-4.4	-5.1	-4.2	-3.0	-2.4	-1.8
March	-0.4	0.0	+0.2	+0.2	+0.9	+1.1	+1.0	+1.5	+1.5	+2.2	+2.7	+3.5	+5.3	+6.3	+6.7	+2.7	-1.7	-5.8	-7.6	-7.6	-5.9	-3.4	-2.1	-1.5
April	-0.4	-0.1	+0.1	+0.9	+2.8	+2.2	+2.2	+1.4	+1.3	+3.0	+4.5	+6.6	+9.3	+9.7	+6.8	+0.6	-5.1	-9.3	-10.9	-10.3	-7.6	-4.7	-2.0	-0.6
May	-0.3	-0.8	-0.9	-0.9	-0.6	0.0	+0.5	+1.1	+1.4	+2.7	+4.4	+6.7	+8.2	+7.8	+4.2	-0.9	-5.0	-7.2	-7.7	-6.7	-4.1	-2.2	-0.3	+0.6
June	+1.1	+0.7	+0.5	-0.3	-0.7	-0.5	+0.1	+0.5	+1.5	+3.7	+6.2	+8.7	+8.9	+7.9	+4.0	-2.1	-7.2	-9.3	-8.6	-7.7	-5.8	-2.7	-0.3	+1.4
July	-0.1	-0.4	-0.8	-0.8	-0.2	+0.6	+0.9	-0.2	+0.7	+2.4	+5.4	+7.7	+9.9	+9.9	+6.9	+2.1	-3.4	-7.8	-9.9	-8.7	-6.8	-4.9	-2.1	-0.5
August	-1.4	-2.0	-1.4	-0.7	-0.9	+0.2	+2.1	+2.7	+3.0	+3.8	+5.8	+9.0	+10.7	+10.0	+5.1	-0.8	-5.5	-8.7	-10.1	-9.0	-6.0	-3.2	-1.5	-1.4
September	-2.2	-1.4	-0.9	-0.3	+0.5	+0.8	+1.6	+2.3	+2.9	+4.0	+5.6	+7.7	+9.7	+10.0	+6.3	+0.1	-5.4	-9.6	-10.0	-7.9	-5.5	-3.6	-2.7	-2.0
October	-1.3	-0.5	-0.2	0.0	+0.5	+0.8	+0.8	+1.8	+2.3	+2.6	+2.9	+3.5	+4.6	+5.4	+4.4	+0.4	-3.2	-5.1	-5.3	-4.4	-3.1	-2.4	-2.3	-1.8
November	-0.7	-0.3	+0.5	+0.4	+0.8	+0.9	+0.9	+1.2	+1.6	+2.1	+2.6	+2.0	+3.6	+4.4	+3.5	+0.4	-2.4	-4.4	-4.7	-3.8	-2.8	-2.2	-2.2	-1.6
December	0.0	+1.0	+1.4	+1.2	+1.1	+0.9	+0.5	+0.5	+0.9	+1.0	+1.7	+2.3	+3.1	+3.8	+4.2	+1.8	-2.0	-4.3	-5.4	-5.0	-3.8	-2.8	-1.5	-0.7
Year	-0.5	-0.3	-0.1	0.0	+0.4	+0.6	+0.9	+1.1	+1.5	+2.4	+3.7	+5.1	+6.6	+7.1	+5.3	+0.9	-3.5	-6.6	-7.6	-6.7	-4.8	-3.0	-1.6	-0.8
Winter	-0.4	+0.2	+0.6	+0.4	+0.5	+0.4	+0.4	+0.6	+0.9	+1.2	+1.8	+2.0	+3.0	+4.4	+4.7	+2.2	-1.4	-4.1	-5.2	-4.5	-3.2	-2.2	-1.6	-1.1
Equinox	-1.1	-0.5	-0.2	+0.2	+1.2	+1.2	+1.4	+1.8	+2.0	+3.0	+3.9	+5.3	+7.2	+7.8	+6.0	+1.0	-3.8	-7.4	-8.4	-7.6	-5.5	-3.5	-2.3	-1.5
Summer	-0.2	-0.6	-0.6	-0.7	-0.6	+0.1	+0.9	+1.0	+1.6	+3.2	+5.4	+8.0	+9.4	+8.9	+5.0	-0.4	-5.3	-8.2	-9.1	-8.0	-5.6	-3.2	-1.0	0.0

VERTICAL INTENSITY (gammas) (Quiet Days)

Table 54 Agincourt 1947

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	-1	-1	-1	-1	0	0	-1	0	-1	-2	-1	+1	+1	-4	-7	-3	+2	+7	+7	+4	0	-2	0
February	+1	+1	0	+1	+1	0	0	0	-1	-1	+1	+1	0	-1	-3	-6	-7	-3	0	+2	+5	+4	+2	+2
March	+3	+1	0	-1	-2	-4	-4	-3	-4	-5	-3	-3	-2	-1	-2	-4	-6	-1	+3	+6	+9	+9	+8	+5
April	+3	+2	+1	+1	-3	-3	-8	-11	-9	-6	0	+2	+3	+2	+2	-1	-2	-2	+1	+4	+5	+7	+7	+5
May	+2	0	-1	-2	-2	-1	-2	-3	-2	+1	+2	0	-2	-3	-5	-11	-8	-4	+2	+6	+10	+11	+9	+5
June	+10	+6	+4	+2	0	-5	-11	-7	-2	+2	+3	0	-3	-7	-7	-9	-9	-6	-2	+4	+7	+8	+9	+13
July	+8	+5	+3	+2	+2	-1	-4	-6	-5	+2	+3	+3	+1	0	-2	-9	-12	-12	-10	-4	+4	+9	+13	+10
August	+2	+1	+1	0	-1	-4	-3	-3	0	+1	+3	+1	-2	-5	-8	-9	-8	-3	0	+3	+8	+12	+8	+4
September	+3	+5	+1	0	0	+2	-1	-1	-5	-8	-5	-1	-2	-5	-6	-8	-5	0	+3	+6	+7	+8	+7	+5
October	+1	+1	0	0	+1	+1	0	-1	+1	+1	0	+1	+2	+2	-1	-6	-7	-3	+1	+3	+2	+1	0	0
November	+2	+1	+1	+1	+1	0	0	-1	-1	-2	-2	-2	-1	-1	-1	-2	-2	-1	+2	+3	+1	0	0	+2
December	+1	0	0	0	0	-1	-1	-2	-1	-1	-2	-2	-1	0	-3	-5	-4	0	+4	+6	+6	+4	+2	+1
Year	+3.0	+1.8	+0.8	+0.2	-0.3	-1.3	-2.8	-3.2	-2.4	-1.4	-0.2	-0.1	-0.5	-1.5	-3.3	-6.4	-6.1	-2.8	+0.9	+3.8	+5.7	+6.1	+5.2	+4.3
Winter	+1.0	+0.2	0.0	+0.2	+0.2	-0.2	-0.2	-1.0	-0.8	-1.2	-1.2	-1.0	-0.2	-0.2	-2.8	-5.0	-4.0	-0.5	+3.2	+4.5	+4.0	+2.0	+0.5	+1.2
Equinox	+2.5	+2.2	+0.5	0.0	-1.0	-1.0	-3.2	-4.0	-4.2	-4.5	-2.0	-0.2	+0.2	-0.5	-1.8	-4.8	-5.0	-1.5	+2.0	+4.8	+5.8	+6.2	+5.5	+3.8
Summer	+5.5	+3.0	+1.8	+0.5	-0.2	-2.8	-5.0	-4.8	-2.2	+1.5	+2.8	+1.0	-1.5	-3.8	-5.5	-9.5	-9.2	-6.2	-2.5	+2.2	+7.2	+10.0	+9.8	+8.0

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 1947

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	+23	+23	+24	+23	+20	+7	-20	-28	-19	-47	-30	-3	-5	-11	-14	-22	-17	-10	-1	+13	+18	+24	+26	+26
February	+17	+17	+12	+6	+10	+8	+7	+7	-7	-6	-4	-6	-20	-22	-30	-29	-23	-15	-7	+8	+20	+15	+18	+21
March	+114	+85	+52	+27	+30	+29	+1	-25	-102	-153	-118	-71	-86	-76	-94	-65	-43	-7	+5	+43	+116	+133	+115	+89
April	+4	+11	-5	-2	-1	-7	-22	-56	-39	-34	-30	-40	-33	-41	-29	-58	-34	-16	-4	+38	+126	+112	+123	+36
May	+28	+21	+23	+13	+7	+2	-9	-5	-85	-34	-16	-10	-13	-30	-37	-25	-15	-4	+13	+23	+31	+39	+45	+37
June	+43	+10	+4	-49	-2	-26	-18	-22	-56	-55	-8	+1	-9	-19	-30	-34	-23	-4	+17	+48	+49	+65	+54	+59
July	+70	+17	+2	-5	-8	-16	-23	-3	-12	-25	-33	-27	-28	-53	-58	-58	-43	-15	+15	+28	+55	+59	+60	+104
August	+56	+27	+18	-3	-4	-19	-8	-3	-4	-55	-96	-84	-66	-52	-74	-43	-29	-3	+14	+39	+68	+91	+136	+97
September	+46	+41	+17	-28	-55	-45	-44	-101	-75	-58	-48	-11	-16	-29	-47	-69	-41	-2	+52	+111	+122	+127	+100	+55
October	+49	+34	+40	+40	+10	-25	-61	-87	-54	-34	+1	+6	-14	-19	-36	-38	-25	-8	+3	+30	+35	+47	+42	+63
November	+37	+2	-3	-4	-8	-14	-11	-10	-9	+4	+19	+15	-10	-22	-38	-29	-30	-32	-10	+8	+30	+46	+44	+27
December	+8	+1	-6	-5	-4	0	-3	+2	+4	+8	+10	+21	+16	+4	-1	-12	-28	-21	-16	-7	+6	+10	+4	+8
Year	+41.2	+24.1	+14.8	+1.1	-0.4	-8.8	-17.6	-27.6	-38.2	-40.8	-29.4	-17.4	-23.7	-30.8	-40.7	-40.2	-29.2	-11.4	+6.8	+31.8	+56.3	+64.0	+63.9	+51.8
Winter	+21.2	+10.8	+6.8	+5.0	+4.5	+0.2	-6.8	-7.2	-7.8	-10.2	-1.2	+6.8	-4.8	-12.8	-20.8	-23.0	-24.5	-19.5	-8.5	+5.5	+18.5	+23.8	+23.0	+20.5
Equinox	+53.2	+42.8	+26.0	+9.2	-4.0	-12.0	-31.5	-67.2	-67.5	-69.8	-48.8	-29.0	-37.2	-41.2	-51.5	-57.5	-35.8	-8.2	+14.0	+55.5	+99.8	+104.8	+95.0	+60.8
Summer	+49.2	+18.8	+11.8	-11.0	-1.8	-14.8	-14.5	-8.2	-39.2	-42.2	-38.2	-30.0	-29.0	-38.5	-49.8	-40.0	-27.5	-6.5	+14.8	+34.5	+50.8	+63.5	+73.8	+74.2

DECLINATION (minutes) (Disturbed Days)

Table 56 Agincourt 1947

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	+1.6	+2.6	+2.8	+4.6	+0.4	+2.4	+1.8	+1.9	+2.6	-0.3	-0.2	-1.6	+1.3	+1.3	+1.8	-1.1	-1.6	-4.0	-4.2	-4.6	-3.1	-2.1	-2.0	-0.4
February	+3.5	+2.1	+4.6	+7.2	+4.2	+4.4	+5.3	+5.7	+3.9	+4.6	+2.2	-3.2	-3.4	-0.2	-1.1	-3.5	-5.6	-4.5	-7.4	-7.2	-5.7	-3.2	-1.3	-1.3
March	+4.0	+8.7	+5.8	+6.2	+7.6	+7.6	+5.3	+9.6	+1.0	-2.6	-14.4	-8.2	-6.8	-7.9	-6.5	-5.7	-5.1	-3.1	-3.0	-3.5	+5.1	+4.6	-1.2	+2.6
April	+0.4	-0.2	+2.3	+0.4	+3.5	+1.1	+1.4	-1.7	+2.2	+1.4	+0.4	-1.4	+3.8	+4.5	+2.4	+2.9	-4.1	-5.5	-6.0	-7.5	+2.5	+2.6	-2.6	-2.6
May	+1.3	0.0	+3.3	+7.0	-1.2	+2.7	+2.2	-2.7	-7.1	+2.9	+2.8	+7.4	+9.0	+7.1	+4.0	-2.5	-6.3	-9.5	-9.2	-6.9	-4.7	-2.1	+0.7	+1.7
June	+1.6	+2.2	+0.4	+2.5	-2.3	-0.7	+0.5	+2.5	+0.7	+4.6	+6.7	+10.1	+10.7	+8.0	+3.5	-2.5	-7.6	-8.1	-11.4	-8.7	-6.5	-3.7	-2.1	-0.3
July	+7.8	+2.6	+2.7	+1.1	+1.8	-1.6	-2.1	-0.5	-0.2	-1.4	-0.1	+3.9	+5.0	+2.7	+1.2	-4.2	-8.8	-7.4	-3.5	-4.3	+1.1	-2.8	+1.6	+5.6
August	+6.5	+12.7	+4.7	-1.9	+1.0	+3.2	+6.1	+3.1	-0.9	-11.7	-13.4	+3.1	+4.9	+2.5	+0.8	-3.8	-6.0	-6.9	-6.1	-4.6	-1.7	-0.3	-3.1	+5.8
September	+3.8	+2.2	+2.1	-3.7	+1.0	+4.3	-0.3	+3.4	+6.8	+8.5	+4.1	+4.2	+2.9	+0.2	-3.0	-11.2	-12.7	-10.0	-6.7	0.0	-0.3	+3.5	+0.4	+0.6
October	+2.1	+5.3	+4.7	+6.2	+10.6	+5.8	+2.4	+4.8	+10.3	+1.4	-0.2	+1.4	-6.4	-5.8	-3.6	-4.2	-7.9	-6.7	-7.5	-5.9	-5.9	-2.8	+0.4	+1.7
November	+3.5	+3.7	+2.8	+1.9	+2.4	+0.8	+3.1	+1.5	+4.0	+1.1	+4.2	+1.0	-4.5	-1.1	-5.2	-6.3	-4.8	-7.8	-5.9	-3.4	-0.4	+3.0	+2.2	+4.5
December	+1.9	+2.6	+3.6	+2.9	+2.4	+2.5	+4.0	+1.6	+3.8	+3.9	+2.0	+0.8	-0.8	-0.8	-0.6	+0.4	-3.9	-6.3	-7.0	-6.3	-3.1	-2.1	-1.4	+0.2
Year	+3.2	+3.7	+3.3	+2.9	+2.6	+2.7	+2.5	+2.4	+2.3	+1.0	-0.5	+1.5	+1.3	+0.9	-0.5	-3.5	-6.2	-6.6	-6.5	-5.2	-1.9	-0.4	-0.7	+1.5
Winter	+2.6	+2.8	+3.4	+4.2	+2.4	+2.5	+3.6	+2.7	+3.6	+2.3	+2.0	-0.8	-1.8	-0.2	-1.3	-2.6	-4.0	-5.6	-6.1	-5.4	-3.0	-1.1	-0.6	+0.8
Equinox	+2.6	+4.0	+3.7	+2.3	+5.7	+4.7	+2.2	+4.0	+5.1	+2.2	-2.5	-1.0	-1.6	-2.2	-2.7	-4.6	-7.4	-6.3	-5.8	-4.2	+0.4	+2.0	-0.8	+0.6
Summer	+4.3	+4.4	+2.8	+2.2	-0.2	+0.9	+1.7	+0.6	-1.9	-1.4	-1.0	+6.1	+7.4	+5.1	+2.4	-3.2	-7.2	-8.0	-7.6	-6.1	-3.0	-2.1	-0.7	+3.2

VERTICAL INTENSITY (gammas) (Disturbed Days)

Table 57 Agincourt 1947

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	+29	+23	+21	+16	+12	-5	-24	-25	-28	-60	-72	-50	-37	-27	-23	-6	+7	+14	+27	+46	+54	+42	+33	+33
February	+27	+33	+27	+15	-2	+10	+9	-2	-41	-38	-60	-66	-52	-34	-26	-9	0	+16	+18	+22	+34	+38	+39	+44
March	+89	+93	+88	+15	+27	+15	-42	-73	-155	-217	-192	-108	-99	-54	-19	-8	+24	+68	+84	+95	+93	+93	+101	+83
April	+46	+32	+17	+11	+5	-33	-47	-67	-42	-43	-36	-32	-20	-15	-6	-1	+12	+21	+26	+44	+47	-24	+51	+54
May	+30	+14	+10	-14	-27	-14	-14	-55	-99	-26	-19	-12	-1	+3	+6	+9	+13	+13	+16	+23	+29	+34	+42	+40
June	+48	+20	+12	-40	-50	-45	-38	-60	-98	-72	-14	+5	+11	+12	+9	+11	+16	+23	+28	+40	+41	+45	+44	+49
July	+57	+28	+4	-27	-20	-28	-49	-41	-32	-46	-60	-43	-26	-23	-24	-23	-13	+2	+25	+36	+42	+82	+99	+89
August	+36	+41	+25	-3	-27	-57	-23	-10	-18	-87	-63	-44	-39	-42	-27	-8	+3	+17	+36	+48	+54	+71	+59	+58
September	+45	+62	+17	-35	-37	-20	-93	-84	-139	-95	-89	-69	-50	-36	-14	+6	+40	+78	+80	+82	+102	+95	+87	+67
October	+82	+40	+53	+37	-6	-45	-109	-103	-122	-92	-81	-55	-49	-39	-21	0	+24	+39	+58	+74	+89	+75	+85	+87
November	+48	+35	+19	+13	-5	-31	-44	-45	-39	-43	-39	-36	-33	-32	-16	-8	-3	+12	+16	+19	+41	+66	+67	+37
December	+12	+17	+17	+14	+8	+4	-5	-9	-13	-20	-22	-21	-22	-15	-11	-10	-4	+3	+9	+14	+16	+14	+12	+12
Year	+45.8	+36.5	+25.8	+0.2	-10.2	-20.8	-39.9	-47.8	-68.8	-69.9	-62.2	-44.2	-34.8	-25.2	-14.3	-3.9	+9.9	+25.5	+35.2	+45.2	+51.8	+52.6	+59.9	+54.4
Winter	+29.0	+27.0	+21.0	+14.5	+3.2	-5.5	-16.0	-20.2	-30.2	-40.2	-48.2	-43.2	-36.0	-27.0	-19.0	-8.2	0.0	+11.2	+17.5	+25.2	+36.2	+40.0	+37.8	+31.5
Equinox	+65 5	+56.8	+43.8	+7.0	-2.8	-20.8	-72.8	-81.8	-114.5	-111.8	-99.5	-66.0	-54.5	-36.0	-15.0	-0.8	+25.0	+51.5	+62.0	+73.8	+77.8	+59.8	+81.0	+72.8
Summer	+42.8	+25.8	+12.8	-21.0	-31.0	-36.0	-31.0	-41.5	-61.8	-57.8	-39.0	-23.5	-13.8	-12.5	-9.0	-2.8	+4.8	+13.8	+26.2	+36.8	+41.5	+58.0	+61.0	+59.0

HORIZONTAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 1 Agincourt H = 15,000 γ + January 1948

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	362	361	361	358	353	359	356	348	346	352	357	357	354	341	315	300	317	320	323	329	337	342	336	327	342
2 D	339	339	337	321	316	316	323	339	343	346	346	345	344	337	314	293	269	270	275	298	330	336	334	330	323
3 D	334	332	326	302	274	276	313	319	326	342	342	332	331	311	261	244	245	239	251	282	300	306	310	310	301
4 Q	313	315	315	317	319	321	323	324	325	326	326	328	326	320	303	291	284	285	298	318	336	344	346	342	319
5	339	336	336	335	334	332	339	343	339	341	344	342	341	331	318	315	305	308	318	325	331	344	347	346	333
6	346	344	342	341	336	346	338	330	331	349	352	352	352	347	334	323	302	303	311	328	347	348	352	346	338
7	336	344	343	341	346	348	348	340	346	356	356	352	352	361	347	330	314	318	316	326	341	340	336	336	341
8 D	334	326	325	336	318	313	322	327	337	347	348	341	358	352	336	314	311	309	308	331	327	341	337	326	329
9 D	327	327	330	334	325	339	333	333	330	330	339	331	342	332	326	315	308	306	323	336	340	341	343	354	331
10	352	348	346	345	360	351	327	349	338	336	348	346	341	340	320	305	308	320	323	327	337	350	349	342	339
11	336	341	346	341	338	344	341	341	343	341	353	351	347	344	331	324	319	315	318	326	331	346	352	351	338
12	346	336	344	347	348	347	348	348	348	348	347	344	346	339	328	315	310	317	326	337	346	344	353	351	340
13	351	348	346	346	349	349	352	352	352	353	348	347	352	344	331	320	315	310	325	334	345	351	353	353	343
14 Q	351	352	353	352	352	351	353	356	356	357	357	355	353	342	330	316	307	311	318	335	346	353	354	356	344
15	353	351	353	350	349	353	354	356	356	356	357	355	354	344	323	314	308	313	328	345	356	357	346	346	345
16	351	354	353	352	346	346	348	352	351	351	352	354	351	342	331	323	315	312	322	335	346	352	351	353	343
17 D	355	357	354	356	357	362	362	359	363	359	365	369	356	362	380	345	310	289	310	326	322	332	342	338	347
18	341	326	324	332	336	341	330	330	320	310	331	344	340	337	331	316	310	311	318	327	337	346	356	351	331
19	347	337	341	343	341	344	346	342	344	337	351	345	337	344	342	328	319	320	319	338	343	356	358	356	341
20	349	349	353	351	344	337	341	339	337	351	347	341	334	336	341	343	321	313	310	324	331	341	336	346	338
21	346	351	352	341	340	343	346	349	345	344	345	344	342	339	338	321	300	290	297	310	337	341	346	325	335
22	337	342	332	320	341	341	343	351	348	351	351	348	346	341	336	334	320	315	321	331	341	357	354	351	340
23	350	341	343	349	341	346	349	348	351	347	346	351	351	346	337	326	320	323	327	331	334	352	348	351	342
24 Q	351	349	349	351	354	353	356	356	354	352	351	349	346	345	337	325	307	306	319	336	344	356	352	352	344
25 Q	351	351	351	349	356	348	344	346	347	350	351	351	353	346	336	325	312	310	325	340	351	357	356	357	344
26 Q	356	356	352	347	348	344	346	347	351	352	353	351	351	342	335	321	316	315	325	339	353	362	364	361	345
27	359	355	351	351	351	344	349	330	322	325	337	346	347	341	341	334	317	310	323	336	348	357	357	357	341
28	353	355	352	351	349	350	352	356	354	357	357	354	357	357	344	334	325	325	334	347	352	359	361	363	350
29	347	320	323	336	339	335	346	348	351	355	354	355	362	354	342	308	294	308	321	325	334	330	345	350	337
30	349	348	336	329	337	330	336	351	344	350	343	352	342	341	337	318	302	294	311	330	346	352	351	347	337
31	348	329	338	347	341	341	344	348	352	355	355	356	354	344	322	314	317	316	323	330	341	353	356	357	341
Mean	345	343	342	341	340	340	343	344	344	346	348	348	347	342	330	318	307	307	315	328	339	346	348	346	337

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 2 Agincourt D = 7° W + ... ′ January 1948

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	21.1	20.6	20.8	21.5	21.0	18.9	22.4	21.7	20.2	19.4	19.6	20.6	18.0	15.3	18.7	26.8	30.2	31.5	31.3	29.7	29.0	25.3	26.2	25.4	23.1
2 D	20.9	20.7	21.4	17.7	16.8	18.9	24.7	20.3	20.3	21.7	21.3	19.9	20.6	18.1	17.8	21.3	25.3	28.5	32.2	33.6	31.1	28.1	26.8	24.6	23.0
3 D	22.8	22.1	20.8	20.6	15.3	17.6	18.8	26.2	22.7	22.2	25.3	28.2	35.9	26.6	23.6	21.7	24.5	22.7	29.0	30.0	33.6	30.0	27.6	25.1	24.7
4 Q	23.2	23.0	22.8	22.9	23.6	23.9	24.5	24.6	23.9	23.9	23.6	22.9	22.0	21.1	20.2	22.8	25.3	27.1	28.2	28.8	27.9	26.2	24.7	23.8	24.2
5	23.5	23.4	22.9	22.5	23.1	21.5	25.1	23.9	22.7	21.9	23.5	24.6	22.0	19.4	21.1	23.6	26.2	30.0	30.3	29.0	27.3	27.9	25.9	23.9	24.4
6	22.0	21.0	21.0	22.1	22.8	24.5	22.1	22.1	29.1	19.6	19.5	21.0	20.0	20.0	18.5	20.4	24.3	28.5	30.7	29.1	29.2	27.0	25.2	24.9	23.5
7	22.3	21.2	21.8	21.2	21.9	23.0	22.2	25.6	25.3	20.1	21.8	20.5	27.5	20.4	15.9	18.4	24.0	26.1	27.5	27.3	27.3	29.1	28.5	25.7	23.5
8 D	24.2	22.7	19.6	14.7	18.2	20.2	20.2	22.8	23.6	21.9	21.5	26.0	33.3	19.6	16.9	24.0	24.7	26.0	27.5	29.1	27.0	25.4	24.7	25.0	23.2
9 D	23.0	21.9	17.5	21.0	18.9	22.1	22.2	24.3	23.7	23.2	24.0	23.0	22.2	21.3	17.3	19.8	22.0	25.0	27.2	27.3	26.7	24.0	21.9	23.7	22.7
10	22.9	21.8	22.0	17.6	19.3	23.0	24.0	24.1	26.0	24.1	25.1	24.3	22.5	18.2	18.1	25.0	25.0	25.7	26.1	26.7	25.9	25.7	24.0	23.0	23.3
11	18.9	21.0	21.0	20.3	15.7	19.4	23.7	22.9	21.9	20.2	22.0	23.0	22.1	20.0	20.0	22.1	25.8	26.7	27.0	26.6	26.3	25.4	23.6	23.0	22.4
12	23.2	20.1	20.6	21.6	21.9	22.6	23.2	23.8	23.5	21.7	22.2	25.1	21.7	17.9	17.0	20.1	24.0	26.2	26.6	24.8	23.0	23.1	22.0	22.1	22.4
13	22.1	21.9	22.0	22.5	22.9	23.1	23.1	22.8	22.2	21.3	22.1	24.0	21.9	20.2	17.7	20.4	24.6	28.2	29.8	28.4	26.6	25.1	23.8	22.8	23.3
14 Q	22.4	21.8	21.5	22.0	22.2	22.5	22.6	22.5	22.6	22.1	21.9	22.0	20.4	17.8	18.4	20.4	24.4	27.1	28.1	27.3	25.9	24.4	23.5	22.4	22.8
15	22.0	21.7	21.9	22.1	22.1	24.1	23.8	22.2	22.4	22.0	22.6	21.7	20.3	18.5	18.4	19.9	22.6	26.7	28.3	26.6	24.9	24.1	23.6	22.2	22.7
16	22.1	21.1	21.1	21.3	19.3	19.6	22.9	22.6	23.1	25.6	24.0	21.1	20.4	18.6	21.2	21.3	23.5	26.6	28.2	28.5	26.8	25.4	24.1	23.1	23.0
17 D	22.2	21.2	21.1	21.3	21.3	22.1	22.1	21.6	20.4	19.5	20.4	18.4	16.5	15.1	35.3	33.1	25.0	30.2	34.0	32.8	31.0	28.6	27.9	25.9	24.4
18	23.1	22.7	20.2	20.8	19.5	22.1	23.1	23.1	21.1	29.3	22.0	20.4	20.2	18.3	18.3	20.1	23.2	24.9	26.7	28.2	27.7	27.1	26.3	26.1	23.1
19	27.2	25.8	24.2	21.2	20.2	21.9	22.7	22.2	22.5	25.7	20.4	17.8	22.5	20.7	17.5	20.0	23.2	26.8	27.3	27.0	26.9	26.3	24.5	23.0	23.2
20	22.1	21.4	20.9	18.1	20.9	18.3	20.0	21.2	22.8	23.4	20.4	18.1	21.4	23.7	26.8	20.8	20.9	26.8	28.5	30.4	30.1	28.2	26.3	23.6	23.2
21	24.2	18.1	22.3	21.4	20.3	20.7	21.2	21.7	20.8	20.7	21.2	22.1	22.1	24.2	20.3	19.2	21.2	27.0	31.2	32.3	31.4	29.0	28.3	26.6	23.6
22	25.8	23.1	21.1	20.9	21.4	20.3	20.6	23.0	22.9	22.2	22.3	20.5	20.6	21.0	19.3	18.1	20.6	24.5	27.8	29.4	29.3	27.9	26.7	24.4	23.1
23	23.2	23.0	20.9	15.0	22.3	22.2	23.1	22.6	22.1	20.8	22.3	22.4	20.9	18.6	17.8	20.0	21.2	23.7	26.9	29.1	28.4	27.2	25.7	23.2	22.6
24 Q	22.9	22.3	22.1	22.2	21.8	22.2	22.2	22.1	21.9	21.8	21.4	21.3	20.5	19.5	17.0	18.5	21.8	25.6	27.9	29.0	28.6	27.5	25.6	22.9	22.9
25 Q	22.2	21.5	21.2	21.2	20.5	21.1	20.6	21.5	22.9	20.9	20.2	21.8	21.4	18.4	16.2	16.9	20.9	26.7	27.7	27.6	26.9	24.9	23.6	22.4	22.1
26 Q	22.1	21.5	21.2	21.1	22.2	21.2	21.1	21.5	21.2	21.2	20.8	20.5	19.9	18.3	17.2	18.6	21.4	25.2	27.6	27.8	27.1	25.8	24.1	22.7	22.2
27	23.0	22.2	21.8	21.0	21.2	21.3	21.4	16.7	15.9	17.2	16.1	16.6	16.1	16.2	17.7	18.9	23.0	26.1	28.3	28.6	27.3	25.1	23.9	22.5	21.2
28	22.3	21.3	21.3	21.3	21.3	22.2	22.2	22.1	21.6	23.2	19.7	20.2	21.3	17.0	15.2	15.9	19.9	24.3	25.3	25.8	24.3	24.0	23.1	22.3	21.5
29	23.0	21.8	21.3	20.1	20.5	18.8	21.0	22.3	23.0	23.1	21.3	19.7	19.1	20.5	14.4	18.0	29.2	27.6	27.6	27.9	29.4	28.1	25.5	23.2	22.8
30	22.4	21.4	19.1	18.5	20.0	20.0	20.6	25.8	23.7	22.2	20.4	21.8	23.1	27.5	22.3	19.7	23.3	27.4	29.7	29.2	27.5	25.8	24.3	23.3	23.3
31	22.4	15.4	19.8	19.6	19.7	19.5	22.0	22.4	22.3	21.4	20.9	19.9	18.8	16.8	17.7	21.0	23.7	24.6	25.8	25.8	25.8	24.3	23.3	22.7	21.5
Mean	22.7	21.6	21.1	20.5	20.6	21.2	22.2	22.6	22.5	22.1	21.6	21.6	21.8	19.6	19.1	20.9	23.7	26.6	28.4	28.5	27.7	26.3	25.0	23.7	23.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 3 Agincourt $Z = 56,000\ \gamma +$ January 1948

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	310	310	310	307	308	304	310	307	310	310	310	310	310	308	307	303	301	307	313	318	318	323	330	334	311
2 D	331	325	322	315	314	315	304	297	307	313	314	313	313	310	305	307	313	324	333	343	337	328	332	332	318
3 D	326	323	322	318	307	313	327	309	273	294	306	284	276	285	306	324	392	389	404	408	368	352	340	336	329
4 Q	336	335	331	329	327	326	326	326	326	325	325	325	324	323	318	318	319	327	335	335	330	324	323	319	326
5	319	318	318	317	317	314	312	306	315	314	316	314	317	319	318	318	319	319	320	322	325	325	318	319	317
6	319	316	313	312	312	293	300	307	280	279	303	312	313	312	312	309	306	316	317	314	315	318	319	322	309
7	323	319	318	315	312	311	305	299	265	293	305	302	298	305	301	293	306	311	315	314	317	325	332	331	309
8 D	332	330	328	315	299	305	302	302	293	305	308	299	283	289	293	300	305	308	306	306	296	297	293	293	303
9 D	319	307	315	310	295	295	302	300	298	307	304	300	309	308	309	304	307	304	304	301	307	312	314	311	306
10	307	304	304	303	297	295	297	298	296	295	295	295	296	296	295	295	295	298	301	307	310	313	309	307	301
11	310	309	307	303	298	295	298	298	284	292	298	298	303	301	298	294	294	300	303	302	305	308	308	304	301
12	303	305	306	304	302	302	301	300	300	300	295	298	300	305	304	301	304	304	309	307	307	310	308	306	304
13	302	303	302	302	301	301	301	300	300	298	297	298	298	301	300	295	294	302	309	308	308	308	304	301	301
14 Q	301	302	302	299	298	299	299	299	299	299	297	301	301	299	299	299	296	299	300	305	306	303	301	301	300
15	300	299	298	297	299	295	295	297	299	299	295	295	296	299	298	295	295	300	311	314	308	306	305	304	300
16	302	301	299	299	298	299	302	300	299	294	293	294	296	299	296	296	297	300	302	305	305	305	303	302	299
17 D	301	301	299	298	296	293	290	290	295	295	293	289	288	290	293	286	292	302	302	309	329	331	324	317	300
18	314	325	328	317	315	308	307	307	297	275	277	291	296	305	303	298	308	311	314	316	313	312	313	310	307
19	311	314	318	315	314	309	305	305	299	286	293	293	292	286	290	291	292	299	301	306	307	311	308	302	302
20	302	305	306	308	302	311	305	302	295	301	297	295	299	296	295	285	290	296	305	313	320	322	315	322	303
21	317	314	313	311	310	309	306	303	302	299	301	300	296	296	289	282	287	296	305	311	322	326	325	344	307
22	328	322	326	326	317	309	305	304	302	302	301	299	302	303	299	296	291	296	305	313	312	311	311	306	308
23	307	307	306	299	298	303	303	302	303	300	300	300	303	304	303	301	306	305	307	309	311	312	309	307	304
24 Q	304	303	303	302	302	300	301	300	300	300	296	296	300	300	300	294	294	294	298	304	310	311	306	304	301
25 Q	302	303	302	302	293	290	294	296	298	296	297	297	295	300	300	294	296	299	301	303	304	304	302	299	299
26 Q	298	298	300	302	300	299	302	300	302	300	300	300	300	303	302	299	297	300	300	303	304	303	302	302	300
27	303	303	306	304	304	304	302	289	291	296	305	297	302	302	296	285	287	293	300	303	300	302	300	302	299
28	302	300	300	300	298	298	297	297	296	293	291	294	297	297	294	289	289	297	300	303	306	302	300	298	297
29	301	316	320	310	303	301	297	294	300	298	298	299	300	300	293	289	297	300	304	306	310	315	311	309	303
30	306	306	304	306	303	298	293	264	285	281	285	296	296	300	297	287	293	302	312	309	304	308	306	305	298
31	307	310	315	307	303	301	303	302	300	300	300	300	302	302	296	300	302	300	300	304	306	306	303	303	303
Mean	311	311	311	308	305	304	304	301	298	298	300	300	301	302	301	298	302	306	311	314	314	314	312	302	305

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 4 Agincourt — January 1948

Day	Horizontal Intensity						Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	5	13	367	15	30	292	75	16	47	32.2	13	50	13.5	18.7	23	30	338	16	50	301	37
2 D	10	05	347	16	47	258	89	19	27	35.3	4	07	13.1	22.2	19	33	345	17	37	294	51
3 D	10	46	356	15	19	229	127	12	42	39.2	4	34	12.7	26.5	18	55	426	8	13	252	174
4 Q	22	00	349	16	28	282	67	18	14	28.9	14	18	19.3	9.6	18	25	336	14	50	316	20
5	6	52	347	17	10	297	50	18	17	31.1	13	45	18.7	12.4	21	15	327	7	04	302	25
6	22	58	356	17	00	292	64	8	43	33.2	14	33	17.3	15.9	23	55	323	8	56	252	71
7	13	06	364	18	24	305	59	8	00	32.5	14	47	13.1	19.4	22	55	335	8	26	252	83
8 D	12	38	364	19	03	295	69	12	25	39.8	3	48	11.1	28.7	0	45	335	12	36	270	65
9 D	23	00	357	15	48	298	59	1	41	32.2	1	28	12.1	20.1	0	01	324	4	58	274	50
10	4	00	368	15	17	251	117	8	25	27.6	4	00	13.4	14.2	21	36	315	15	40	295	20
11	10	51	356	17	41	310	46	18	35	27.6	4	50	8.3	19.3	1	35	310	8	52	275	35
12	20	23	357	16	13	304	53	11	40	27.3	14	55	16.5	10.8	21	23	312	11	08	292	20
13	12	22	356	17	38	306	50	18	19	30.2	14	00	15.8	14.4	20	32	309	16	23	292	17
14 Q	9	58	358	16	45	298	60	18	49	28.6	14	08	15.6	13.0	20	38	308	16	00	293	15
15	21	19	359	16	40	306	53	18	20	28.5	14	00	17.7	10.8	19	11	315	11	48	293	22
16	22	58	355	17	18	306	49	19	30	29.0	5	05	16.2	12.8	21	35	306	10	08	286	20
17 D	15	05	381	17	38	284	97	14	50	48.1	13	45	12.3	35.8	20	50	338	15	34	279	59
18	22	32	357	9	21	300	57	9	25	37.2	2	32	13.8	23.4	2	29	340	9	48	259	81
19	22	50	361	18	32	310	51	9	30	28.8	14	45	15.9	12.9	2	27	320	9	54	281	39
20	3	53	361	18	45	303	58	20	00	31.8	3	45	14.7	17.1	21	34	326	15	12	282	44
21	1	57	368	18	05	275	93	19	17	34.0	1	48	10.9	23.1	23	23	355	15	39	279	76
22	22	25	364	17	21	310	54	19	47	30.5	15	00	16.3	14.2	0	06	333	16	27	289	44
23	3	34	360	16	45	315	45	19	34	30.0	3	28	6.9	23.1	21	50	315	3	50	290	25
24 Q	22	05	359	17	15	301	58	18	55	29.4	14	48	16.5	12.9	20	56	312	17	08	290	22
25 Q	4	35	361	17	05	306	55	19	18	28.5	14	55	15.9	12.6	21	17	305	4	48	285	20
26 Q	22	20	368	16	55	310	58	18	57	28.2	14	15	16.9	11.3	20	40	305	5	26	297	8
27	6	43	361	17	10	310	51	20	00	28.9	7	42	13.7	15.2	10	25	310	7	40	280	30
28	21	39	364	16	51	318	46	19	50	26.1	15	08	13.1	13.0	19	43	306	16	43	285	21
29	12	17	364	16	02	279	85	16	25	32.3	14	07	11.9	20.4	2	02	325	15	50	286	39
30	6	05	372	17	36	281	91	18	35	31.3	2	52	13.3	18.0	18	52	313	7	24	245	68
31	21	57	361	15	40	307	54	19	55	26.4	1	40	7.6	18.8	2	26	318	14	48	294	24
Mean			361			295	66			31.4			14.0	17.4			326			283	43
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 1948

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	343	345	356	356	355	356	356	356	355	357	357	357	355	348	339	324	317	321	329	335	347	359	361	362	348
2	364	362	360	348	340	335	324	315	325	330	338	350	349	339	335	328	313	326	324	330	334	342	355	355	338
3 D	354	355	373	366	367	356	347	325	293	279	351	368	321	346	340	315	300	304	312	320	338	366	369	362	339
4	357	347	338	334	335	340	342	347	346	347	352	348	344	339	333	319	305	315	322	324	319	334	345	346	337
5	345	341	335	340	341	347	343	348	351	350	348	347	350	345	327	305	293	304	311	315	317	341	345	348	335
6	350	350	347	349	345	346	351	351	356	355	360	355	345	357	350	343	332	329	335	338	336	345	341	330	346
7	346	350	347	346	344	338	343	350	353	352	353	353	347	353	343	319	316	315	321	329	334	346	353	345	341
8	340	345	336	339	345	345	350	353	353	353	356	361	362	361	355	340	320	318	327	338	348	357	343	349	345
9 Q	347	353	348	349	351	350	351	352	353	354	355	356	357	359	351	338	322	319	331	349	355	360	361	361	350
10	360	361	371	367	366	361	366	351	359	361	366	368	363	362	353	338	330	338	335	342	349	355	356	358	356
11	356	353	344	346	352	356	356	356	357	358	359	357	358	355	341	329	338	325	328	339	346	349	358	361	349
12	360	358	360	356	355	358	361	360	363	366	369	369	361	343	340	341	334	329	337	343	355	361	360	351	354
13	336	343	360	361	360	356	356	356	352	354	360	358	361	357	341	330	325	325	334	345	351	362	355	345	350
14	351	356	354	355	355	353	356	358	356	353	360	364	357	339	338	323	314	319	327	336	338	346	346	335	345
15 D	333	331	329	326	325	335	345	366	345	330	324	330	335	325	324	307	300	310	320	299	331	367	323	361	330
16 D	319	333	330	332	335	327	314	304	318	322	317	334	327	329	322	304	293	317	335	350	349	340	341	341	326
17	335	340	344	351	324	330	330	343	337	337	336	345	340	321	327	325	315	314	330	342	346	350	355	353	336
18 D	355	356	345	344	347	338	316	315	338	333	344	356	346	333	310	310	322	327	329	335	335	353	341	344	336
19	341	354	345	343	347	346	343	335	333	330	335	345	337	327	317	320	317	320	330	345	351	338	330	348	337
20 Q	352	348	348	347	345	350	347	347	350	353	350	348	345	340	335	327	319	322	335	344	350	352	350	355	344
21 Q	352	354	355	353	352	351	351	353	355	351	353	351	347	341	336	330	324	323	327	343	350	351	351	358	346
22 Q	355	342	346	343	350	349	349	349	354	352	352	358	357	352	345	338	335	337	341	350	358	361	360	356	350
23 D	358	353	351	343	342	346	343	344	347	339	343	335	295	304	286	313	314	311	320	328	339	337	344	339	332
24	342	349	347	340	345	340	345	345	344	345	344	340	332	331	335	338	330	329	338	350	340	327	343	348	340
25	344	342	343	343	343	347	350	348	347	340	352	352	342	330	318	307	309	309	322	329	340	345	351	352	338
26	354	356	356	357	357	358	360	361	360	360	358	356	350	342	330	317	309	315	325	345	357	366	367	368	349
27	361	346	335	340	346	355	355	357	358	360	361	361	360	351	342	338	330	328	334	346	367	376	360	363	351
28	355	346	327	332	350	340	333	329	326	340	343	351	348	341	329	315	315	322	331	347	360	369	355	357	340
29	335	348	350	346	350	335	343	345	352	348	350	349	346	338	328	329	315	317	329	327	345	353	366	355	342
30																									
31																									
Mean	349	349	347	346	347	346	345	345	346	345	350	353	346	342	334	324	318	320	328	337	344	352	351	352	342

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 6 Agincourt D = 7° W + ... ' February 1948

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	21.9	20.5	21.3	21.1	21.3	21.8	22.2	22.3	22.2	21.9	21.7	21.0	19.7	17.0	15.5	15.9	19.2	22.4	25.2	26.7	26.8	25.6	23.8	23.1	21.6
2	22.4	21.3	21.3	19.9	21.3	21.9	18.5	18.5	17.3	17.5	15.7	18.0	17.0	13.3	18.8	24.3	25.9	28.8	26.1	26.9	27.8	28.4	25.2	23.3	21.6
3 D	22.2	19.7	17.6	19.8	20.2	20.2	19.8	23.7	25.7	19.5	16.4	24.9	29.6	37.0	17.9	19.7	23.1	25.1	26.5	26.4	26.3	25.9	24.0	22.8	22.6
4	22.5	22.2	23.2	21.4	19.7	22.5	27.8	30.0	21.1	20.7	22.6	20.8	23.7	22.4	23.9	25.0	27.3	26.8	26.1	27.2	27.6	27.6	26.0	23.8	24.3
5	23.3	22.0	17.7	19.6	20.2	21.7	22.3	22.4	24.2	20.7	20.7	22.4	20.0	16.3	18.1	19.8	22.9	25.6	26.8	27.8	29.5	27.1	25.5	23.8	22.5
6	22.5	21.4	20.7	21.4	21.6	22.1	22.4	23.6	20.4	20.7	20.7	22.0	24.5	22.3	20.0	20.4	21.6	22.2	23.4	24.5	25.4	25.0	26.5	26.8	22.6
7	24.4	21.5	20.8	21.8	19.3	19.8	20.7	21.9	22.1	21.9	21.4	21.4	23.4	21.4	16.2	19.5	22.3	24.0	25.0	25.9	26.0	25.4	24.4	24.1	22.3
8	22.4	22.0	20.4	19.6	19.9	20.6	21.7	22.0	22.0	22.3	21.6	23.4	22.9	18.8	16.9	16.9	19.7	22.8	25.4	26.6	26.8	26.0	25.7	24.9	22.2
9 Q	22.6	21.4	20.5	21.0	20.8	21.4	22.2	22.8	22.0	21.6	21.0	20.8	20.4	18.1	16.7	17.1	19.5	23.4	27.1	27.2	25.4	23.5	23.0	23.1	21.8
10	22.5	21.7	20.7	20.8	21.4	21.5	16.8	18.6	21.3	21.1	21.4	20.7	20.7	17.8	14.3	17.8	22.6	24.4	24.0	24.4	25.0	24.1	24.1	23.2	21.3
11	22.6	22.3	22.4	22.2	21.7	22.2	22.4	22.0	22.2	22.4	21.4	21.4	20.7	18.9	19.1	22.1	24.9	25.8	26.8	27.5	26.6	26.0	24.0	22.5	22.9
12	22.5	21.8	21.5	22.1	22.2	21.8	21.5	21.5	20.8	21.4	21.5	20.4	20.3	21.1	20.2	22.2	25.2	28.2	29.6	28.8	26.6	24.1	23.2	22.7	23.0
13	22.4	17.9	19.4	21.2	22.2	22.4	21.5	21.7	20.8	20.9	19.5	18.4	17.6	15.7	16.2	19.2	22.4	26.8	28.6	28.3	26.5	25.3	24.8	23.3	21.8
14	20.2	21.6	21.9	22.2	22.2	22.7	22.4	21.5	20.0	21.5	19.4	17.2	17.9	18.8	17.9	20.3	24.6	29.4	31.6	33.0	32.8	30.8	28.4	25.7	23.5
15 D	21.4	20.5	20.3	13.7	14.1	19.4	23.4	27.8	19.0	17.3	12.5	16.1	10.6	11.7	17.8	22.2	26.4	29.0	29.0	35.4	34.7	32.4	26.1	24.7	21.9
16 D	10.3	25.1	22.3	19.5	10.3	18.6	17.0	19.6	19.7	22.4	25.1	22.4	21.6	18.4	20.6	22.5	24.4	27.2	27.8	28.0	28.7	28.1	27.0	26.1	22.2
17	24.8	22.4	22.7	20.9	20.8	18.7	21.8	21.0	21.7	23.2	27.8	21.2	20.8	20.9	24.4	23.0	25.2	26.3	27.1	26.8	26.0	26.0	26.0	26.0	23.5
18 D	25.0	20.1	23.3	23.5	23.1	20.9	16.2	19.0	16.3	22.4	26.6	21.5	19.5	17.3	22.1	27.0	26.2	26.5	26.0	25.7	24.7	27.1	25.7	25.8	23.0
19	23.9	24.9	21.5	18.7	20.8	22.4	21.3	21.5	17.7	19.2	18.7	20.4	19.5	21.3	22.6	24.5	27.2	28.1	27.2	27.4	26.9	24.0	23.5	24.4	22.8
20 Q	24.2	23.5	22.1	22.1	21.7	23.0	22.0	21.6	21.7	21.2	21.2	21.2	21.9	20.0	19.0	20.3	22.7	25.1	26.3	26.3	25.1	24.5	24.8	24.3	22.7
21 Q	23.8	23.0	22.6	22.5	22.5	22.5	22.5	22.3	22.0	21.6	20.8	20.5	19.9	19.1	18.5	19.4	21.3	24.5	26.6	26.9	25.9	24.3	24.3	23.8	22.5
22 Q	24.5	24.7	22.5	22.9	23.6	22.7	21.3	21.9	22.8	20.1	22.9	20.0	20.7	20.2	20.6	21.7	24.2	25.1	26.0	25.4	23.8	22.8	23.2	23.4	22.8
23 D	23.0	22.4	21.5	24.5	20.9	18.9	21.6	20.8	23.5	19.0	17.2	23.4	39.7	38.1	32.6	35.4	31.6	32.1	30.0	27.0	25.4	23.3	22.0	23.0	25.7
24	23.1	22.6	23.0	24.0	24.2	23.6	23.2	22.4	27.8	19.0	18.8	19.1	20.4	21.7	22.6	24.7	25.9	27.1	28.4	29.0	31.2	29.1	24.4	24.1	24.2
25	23.7	23.3	23.2	23.2	23.2	23.1	23.3	22.6	22.5	23.0	24.3	18.7	17.7	18.2	18.6	20.8	23.9	26.5	28.2	27.5	26.0	25.2	24.1	23.7	23.1
26	23.9	23.3	22.6	22.6	22.7	22.7	22.6	22.4	21.8	21.5	20.9	20.5	20.5	19.0	19.1	20.5	25.1	27.8	28.8	28.8	27.5	25.2	24.4	23.0	23.2
27	22.5	22.7	19.8	22.5	21.2	22.5	22.7	22.7	22.5	21.5	21.8	19.5	18.0	15.1	17.0	21.2	25.1	26.8	27.7	28.1	28.5	28.8	27.6	30.8	23.2
28	30.8	21.6	21.6	16.6	16.2	18.3	17.5	21.0	25.1	23.3	24.1	22.5	18.7	15.4	16.3	19.7	24.2	28.0	29.3	29.6	28.6	27.2	25.3	25.4	22.7
29	21.3	21.5	21.6	20.8	15.2	17.7	21.5	18.4	22.0	20.7	21.5	19.7	16.6	16.7	18.5	21.1	25.3	26.9	28.8	28.6	27.0	26.8	25.5	25.4	22.1
30																									
31																									
Mean	22.9	22.1	21.5	21.2	20.5	21.4	21.5	22.0	21.4	21.1	21.1	20.7	20.9	19.7	19.5	21.5	24.2	26.4	27.3	27.7	27.3	25.7	25.0	24.5	22.8

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

Table 7 Agincourt $Z = 56,000\ \gamma +$ February 1948

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	303	306	303	301	300	300	300	300	300	300	298	298	301	301	300	298	301	305	300	299	303	306	300	299	301
2	299	297	297	298	299	295	287	289	283	287	284	280	278	278	274	278	289	295	295	303	308	313	310	305	292
3 D	304	301	300	297	295	295	295	265	171	150	220	254	261	282	288	285	291	300	304	311	313	315	303	301	279
4	301	298	301	300	300	301	287	252	287	297	298	297	295	299	288	291	299	308	311	321	318	313	317	317	299
5	313	308	308	303	307	306	304	302	297	295	298	301	303	301	298	298	311	315	313	317	317	317	317	311	307
6	308	305	304	303	301	301	299	293	281	284	281	287	295	298	293	292	295	303	304	304	304	307	311	317	299
7	313	309	307	303	297	295	297	301	299	301	301	301	298	304	298	298	300	303	305	304	303	307	307	306	303
8	308	307	307	307	304	302	297	295	297	298	298	297	293	297	295	293	294	296	293	298	305	310	311	308	301
9 Q	307	304	304	303	301	299	299	298	298	298	298	298	300	301	300	294	297	298	298	301	302	304	303	301	300
10	301	299	296	294	294	292	275	286	294	295	295	292	292	293	290	288	286	291	297	298	298	298	299	301	294
11	301	301	302	304	300	298	298	297	297	296	297	296	296	293	293	289	284	284	288	296	306	308	305	302	297
12	302	299	298	298	299	298	295	296	296	296	296	295	296	299	297	294	292	296	302	305	307	308	303	305	299
13	307	306	304	301	299	296	296	296	295	296	296	296	299	296	290	289	289	293	296	302	304	308	306	308	299
14	308	305	302	301	299	299	296	295	296	292	287	284	288	294	298	295	300	304	301	308	318	325	325	332	302
15 D	329	325	321	309	299	296	292	266	256	270	263	246	233	237	258	266	284	296	308	315	326	348	349	364	294
16 D	360	367	358	332	304	292	289	269	214	270	250	279	303	308	300	292	295	303	305	302	308	315	321	323	304
17	327	321	325	314	295	306	306	302	298	286	270	278	289	293	296	289	295	302	308	308	307	308	311	308	302
18 D	310	307	311	311	308	299	279	282	287	282	289	297	300	302	299	300	305	305	311	317	319	319	317	320	303
19	318	315	312	302	302	305	304	298	282	280	290	299	302	304	298	296	299	304	308	312	314	319	322	314	304
20 Q	306	306	305	304	306	304	303	302	302	301	299	299	302	301	299	295	293	297	298	302	304	302	301	302	301
21 Q	303	302	300	300	300	300	300	299	299	297	299	300	302	303	302	300	300	300	302	305	302	303	302	302	301
22 Q	302	293	297	299	297	294	293	290	286	288	290	290	292	293	290	289	289	293	299	305	306	306	303	302	295
23 D	300	303	305	309	323	313	309	303	287	267	259	250	224	230	282	304	306	313	315	325	326	320	310	309	296
24	307	305	306	306	306	307	306	297	269	286	297	302	303	303	301	299	302	309	315	322	338	339	320	312	306
25	309	306	306	304	305	304	303	301	300	292	299	299	302	303	302	296	294	297	301	306	309	309	303	303	302
26	303	303	302	302	299	299	297	297	299	297	297	299	299	299	297	294	291	297	300	305	306	307	301	302	300
27	300	309	315	314	306	300	300	300	300	297	294	289	295	297	298	296	291	292	297	300	308	315	315	339	303
28	377	320	339	330	288	283	299	297	293	293	296	302	309	305	301	299	303	309	309	312	312	316	309	312	309
29	326	321	316	314	300	299	301	301	307	304	303	303	306	301	297	291	290	295	301	303	310	312	313	313	306
30																									
31																									
Mean	312	309	309	305	301	299	297	292	286	286	288	290	292	293	294	293	295	300	303	307	311	313	311	312	300

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 8 Agincourt — February 1948

Day	Horizontal Intensity						Declination						Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +		Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	22	45	365	17	10	315	50	19	47	27.3	14	37	15.1	12.2	1	18	310	19	15	294	16
2	0	20	361	16	24	301	60	17	30	31.4	13	51	11.0	20.4	21	00	313	14	52	269	44
3 D	2	06	387	8	47	257	130	13	32	45.1	10	00	11.2	33.9	20	52	320	9	42	098	222
4	0	48	364	16	30	298	66	7	06	34.2	4	15	17.1	17.1	20	17	322	7	10	233	89
5	12	35	358	16	32	283	75	20	32	30.5	2	51	12.5	18.0	21	50	320	9	09	292	28
6	10	07	364	23	10	321	43	7	42	28.9	8	58	17.1	11.8	23	45	318	9	00	272	46
7	13	52	356	17	03	308	48	19	54	27.1	14	08	15.4	11.7	0	17	315	14	57	291	24
8	12	02	366	17	10	312	54	19	58	28.0	15	25	15.6	12.4	22	46	313	12	25	291	22
9 Q	22	50	362	17	00	315	47	19	02	28.4	14	25	16.3	12.1	0	50	308	15	38	292	16
10	6	42	381	16	10	322	59	16	42	26.3	14	53	12.4	13.9	2	07	302	7	00	259	43
11	10	05	361	17	20	318	43	19	13	28.4	13	57	17.4	11.0	21	15	309	16	37	282	27
12	10	29	371	17	15	326	45	18	34	30.0	14	25	16.6	13.4	21	34	309	6	45	290	19
13	12	53	370	17	20	322	48	18	00	28.6	13	27	13.7	14.9	23	58	312	14	35	288	24
14	10	53	366	17	00	310	56	19	43	34.8	14	35	16.2	18.6	23	43	334	11	45	279	55
15 D	23	51	388	19	40	281	107	19	45	38.7	12	25	6.0	32.7	23	58	445	12	07	224	221
16 D	0	01	363	16	18	286	77	21	10	31.6	0	10	-1.5	33.1	0	02	447	8	43	224	223
17	3	58	377	17	45	304	73	4	07	38.9	4	34	14.1	24.8	2	54	338	10	29	262	76
18 D	1	25	368	7	05	278	90	9	54	31.5	6	48	13.0	18.5	20	05	325	7	04	264	61
19	1	20	357	14	24	310	47	17	45	29.6	9	05	13.9	15.7	22	32	325	8	46	272	53
20 Q	0	20	360	16	48	316	44	19	04	27.5	3	00	17.6	9.9	0	18	308	16	26	291	17
21 Q	23	19	360	17	32	319	41	19	07	27.3	14	07	18.1	9.2	19	25	307	16	10	297	10
22 Q	21	15	361	17	00	333	28	18	35	26.4	14	04	19.5	6.9	20	42	309	9	00	286	23
23 D	10	56	368	12	27	261	107	13	06	50.6	10	37	13.5	37.1	20	18	329	13	05	198	131
24	19	40	354	21	33	315	39	20	51	35.0	9	14	18.0	17.0	21	05	358	8	52	260	98
25	22	58	356	15	17	302	54	18	50	28.5	12	47	16.0	12.5	0	02	310	9	51	287	23
26	23	09	376	16	27	304	72	19	12	29.6	13	40	18.1	11.5	21	13	310	16	07	289	21
27	21	20	391	17	33	324	67	23	59	34.8	13	24	14.1	20.7	23	59	351	10	55	288	63
28	21	25	381	16	50	309	72	0	02	36.1	1	25	2.1	34.0	0	51	428	5	00	250	178
29	22	40	376	16	38	309	67	18	48	30.6	4	52	12.4	18.2	0	27	332	16	07	283	49
30																					
31																					
Mean			368			306	62			31.9			13.9	18.0			332			266	66
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 1948

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	338	346	316	336	340	291	269	334	336	352	357	343	346	341	325	311	305	308	315	326	351	351	339	346	330
2 D	330	336	336	337	332	342	336	337	344	349	320	343	350	332	316	308	295	306	320	331	344	354	346	341	332
3	328	342	347	342	314	321	336	346	343	332	361	353	339	336	323	305	308	306	319	326	342	352	350	349	334
4	351	356	356	354	352	354	352	361	354	351	357	361	354	342	331	320	318	319	328	341	351	356	357	362	347
5	362	357	357	359	360	360	357	367	359	363	364	361	352	349	337	318	310	314	328	337	345	355	364	364	350
6	367	363	361	359	357	361	357	357	354	352	361	362	347	341	336	311	308	296	313	322	335	354	361	352	345
7	353	356	359	361	357	354	355	357	359	358	352	352	354	340	320	314	311	326	332	344	352	359	360	364	348
8	362	363	362	362	361	361	361	357	360	362	363	362	357	347	331	322	320	320	340	346	344	339	346	354	350
9	358	361	362	362	362	362	358	358	361	356	356	358	357	348	331	316	317	327	342	356	354	362	362	357	352
10	359	364	362	360	370	365	362	361	360	359	362	362	356	342	323	317	320	330	344	349	356	353	361	364	353
11	363	367	367	372	367	366	364	362	361	361	358	357	349	338	327	320	322	327	340	357	372	377	375	365	356
12	352	354	353	342	350	345	325	343	339	351	359	367	342	330	323	310	318	318	327	342	349	352	357	357	342
13 D	367	344	326	337	342	343	351	335	334	339	316	305	275	291	300	290	275	282	306	335	356	373	362	339	326
14 D	318	315	330	325	309	286	227	284	329	312	329	326	320	313	300	279	274	292	308	335	368	351	342	345	313
15 D	346	325	309	289	197	-24	-188	-163	-89	-138	-4	176	254	243	239	205	178	244	315	380	329	324	346	336	185
16	326	336	335	329	330	330	333	326	328	327	327	326	323	318	309	298	290	295	310	331	342	344	344	345	324
17	343	339	336	328	327	332	332	318	320	318	315	336	327	315	299	278	269	285	306	321	336	344	352	349	322
18 Q	348	344	351	356	344	347	341	341	340	343	348	346	336	327	318	304	298	307	320	332	346	349	349	352	337
19	347	334	341	346	346	349	354	346	351	356	352	351	342	334	321	308	304	320	335	349	356	361	362	363	343
20	359	364	357	357	356	357	358	360	359	367	362	361	351	337	326	318	306	316	326	346	367	364	369	361	350
21	359	359	364	359	352	346	363	356	370	378	369	367	356	341	330	313	309	311	327	341	350	368	367	362	351
22	360	360	357	353	354	354	357	357	362	362	363	360	350	344	335	313	303	307	318	332	347	363	368	368	348
23 Q	362	362	365	358	362	360	360	363	363	366	363	363	358	344	329	322	314	319	337	353	368	369	371	368	354
24 Q	365	372	367	363	359	357	360	363	369	369	368	363	354	343	332	324	317	318	328	344	358	365	371	371	354
25 Q	368	368	363	363	363	363	368	368	368	369	369	369	363	348	328	314	316	335	354	373	385	383	374	371	360
26	371	369	369	368	365	365	368	369	369	374	376	371	363	338	295	299	321	328	337	347	362	368	373	347	355
27	337	340	347	358	357	357	368	363	366	364	365	352	341	331	315	305	319	342	357	371	374	378	369	360	352
28	356	343	350	361	362	362	358	358	362	359	352	349	343	328	312	296	309	317	327	337	347	356	361	363	344
29 Q	360	357	353	352	354	353	352	357	358	360	359	354	343	327	312	308	311	318	331	345	363	373	372	355	347
30	362	361	353	354	353	346	348	354	353	359	352	354	348	333	319	310	316	327	332	354	370	366	364	367	348
31	366	364	356	351	364	366	363	363	365	367	366	362	354	342	327	318	325	338	352	360	354	379	385	386	357
Mean	353	352	350	350	345	336	329	334	339	338	342	347	342	331	318	305	303	312	328	343	354	359	360	357	339

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 10 Agincourt D = 7° W + ... ′ March 1948

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	25.2	18.8	14.9	15.5	16.6	2.9	23.9	15.8	15.4	23.5	22.6	30.2	31.3	18.2	21.6	20.6	22.6	26.2	28.9	28.9	27.4	27.1	20.5	23.5	21.7
2 D	17.6	20.6	21.8	22.5	18.2	18.3	20.3	20.9	25.3	23.1	31.0	37.9	27.8	16.5	18.2	19.6	23.7	27.0	29.5	30.5	30.0	27.6	26.3	10.1	23.5
3	20.0	23.4	22.6	20.9	3.4	17.3	23.9	21.7	24.4	31.8	30.0	30.9	24.0	18.4	17.3	18.3	23.1	24.1	24.3	25.6	25.8	25.2	24.3	22.5	22.6
4	19.8	22.4	23.0	22.5	17.6	23.4	24.1	23.3	21.8	27.3	22.9	20.6	19.7	19.6	18.6	20.6	23.7	26.5	27.4	27.2	26.0	24.9	24.2	23.0	22.9
5	23.3	21.8	20.9	22.4	20.9	21.7	21.8	22.4	20.9	24.6	21.6	20.7	20.3	18.5	18.0	20.1	23.9	27.4	28.7	27.9	26.3	24.7	23.8	23.3	22.7
6	22.2	22.3	22.4	21.6	21.9	21.5	20.0	21.6	20.6	25.6	24.3	19.7	21.0	21.6	16.4	20.8	25.4	28.2	29.6	31.6	30.4	26.7	25.7	21.0	23.4
7	21.8	22.2	19.9	19.8	19.1	20.9	23.3	22.3	20.4	20.4	23.1	22.4	19.2	16.2	17.5	20.6	23.7	26.6	26.9	26.9	26.5	25.6	24.3	23.3	22.2
8	22.6	22.1	21.8	21.6	21.9	21.6	20.6	20.4	20.7	20.2	19.8	18.9	18.2	20.6	18.4	19.6	25.1	28.0	29.4	28.9	27.8	27.8	25.6	23.4	22.7
9	22.6	22.4	22.2	22.1	21.7	21.6	22.2	21.4	19.8	16.5	19.5	20.9	16.2	14.3	14.5	19.9	24.9	28.9	29.2	28.1	26.6	24.6	24.4	23.6	22.0
10	23.1	22.1	21.8	21.9	20.2	21.8	21.6	20.9	20.2	19.9	19.6	18.5	16.2	15.1	14.3	18.0	23.4	28.3	28.9	28.2	27.3	24.2	24.6	23.6	21.8
11	22.9	21.9	21.6	22.2	21.7	21.8	21.6	21.4	20.8	20.6	19.9	18.9	15.7	14.5	15.8	19.9	25.2	27.5	29.8	29.4	28.6	26.3	27.3	23.1	22.5
12	24.0	22.6	20.9	13.9	17.5	22.7	20.6	18.7	17.2	17.8	16.2	14.9	15.3	14.5	18.0	23.5	26.9	28.6	29.6	28.2	27.5	25.6	24.0	21.8	21.3
13 D	20.9	20.4	19.1	20.1	20.8	19.9	22.1	24.6	19.5	20.8	33.1	26.9	18.9	11.9	17.6	23.0	29.8	31.6	33.4	33.3	30.4	20.0	23.6	19.5	23.4
14 D	13.1	16.4	16.3	11.6	6.2	19.5	30.4	30.4	22.5	25.0	26.6	20.0	16.7	15.2	19.0	21.5	28.8	31.7	34.4	32.4	27.2	29.5	24.9	25.6	22.7
15 D	23.4	17.3	14.5	9.5	23.1	48.3	43.8	27.6	13.1	13.3	38.6	26.7	20.6	22.8	29.9	31.3	41.3	37.8	36.5	21.6	29.7	26.6	23.1	18.2	26.6
16	24.0	25.4	22.8	22.6	23.4	23.3	23.1	24.4	25.3	24.4	23.6	22.6	20.4	19.1	20.4	24.3	29.7	32.6	33.5	32.2	30.9	28.7	25.3	23.9	25.3
17	24.0	23.6	24.4	20.9	22.7	20.9	23.6	24.5	21.6	21.6	20.7	18.9	19.0	18.7	18.0	19.9	24.6	29.8	29.8	29.9	29.2	28.1	26.6	24.1	23.6
18 Q	22.5	21.6	21.9	23.6	22.6	23.1	22.7	22.7	23.3	24.1	24.3	22.7	19.7	18.6	16.4	17.6	23.5	26.1	28.6	28.9	28.9	27.5	26.4	24.5	23.4
19	22.8	21.9	23.1	21.9	21.1	21.7	25.4	26.2	20.9	18.2	18.9	18.2	17.3	16.7	17.4	20.0	25.4	29.1	31.3	31.7	29.8	27.6	25.8	24.6	23.2
20	24.6	23.6	24.0	23.5	23.4	22.2	22.0	21.8	24.5	21.6	20.7	21.6	19.1	18.2	19.6	24.7	29.1	31.7	32.3	31.7	29.1	27.0	24.6	23.6	24.4
21	22.6	22.7	18.2	21.6	22.4	19.9	21.4	20.0	17.3	14.5	15.5	17.8	15.2	13.8	14.4	17.4	22.4	27.0	29.1	30.7	30.7	28.1	25.6	24.1	21.4
22	22.7	22.7	22.2	21.6	19.8	22.4	22.6	22.6	22.2	22.0	20.9	21.3	20.7	18.0	17.0	19.0	24.4	27.9	30.0	29.9	27.6	25.3	23.7	22.6	22.9
23 Q	19.6	19.1	20.7	22.5	23.1	23.1	22.6	22.5	21.7	21.8	21.9	21.6	18.3	15.7	15.3	19.2	23.1	29.0	31.3	30.4	29.5	26.9	24.4	23.2	22.7
24 Q	22.4	21.6	21.6	21.6	22.1	21.4	21.8	21.3	20.8	20.7	20.5	19.2	16.4	15.9	16.4	18.5	23.1	27.3	30.0	29.9	28.9	25.9	23.3	22.0	22.2
25 Q	22.6	22.0	22.1	21.6	21.5	21.4	20.9	20.7	20.3	20.1	19.7	18.4	15.5	12.5	11.7	15.1	21.6	27.5	30.4	30.0	27.8	25.1	22.4	21.7	21.4
26	22.4	21.6	21.5	21.4	20.7	20.6	20.4	20.0	19.6	18.8	18.2	16.4	13.5	8.1	12.2	26.6	29.7	29.9	32.3	33.3	32.2	31.7	28.8	26.7	22.7
27	20.0	21.0	20.7	21.3	20.2	21.3	20.1	19.2	19.5	18.3	18.0	17.3	15.5	15.3	17.2	22.6	28.2	29.5	29.1	28.4	26.5	24.4	22.8	20.6	21.6
28	20.8	20.7	20.7	21.6	22.4	21.9	20.9	20.4	20.9	19.8	18.3	17.0	14.4	12.5	15.3	22.2	27.3	30.1	32.2	31.7	29.5	25.5	22.3	21.3	22.1
29 Q	21.7	21.8	20.4	20.2	20.9	21.8	20.9	20.8	20.9	20.7	19.7	17.8	14.8	13.9	12.4	18.0	23.4	26.3	28.8	30.7	29.9	27.3	26.3	24.0	21.8
30	21.8	20.9	21.6	21.1	18.4	18.1	18.2	20.7	17.5	20.9	21.2	20.8	15.8	13.8	16.7	22.4	26.6	27.5	30.8	31.2	31.1	31.8	28.8	24.8	22.6
31	22.6	22.5	23.6	19.3	18.0	17.0	18.0	19.5	19.3	18.8	18.0	16.5	15.3	13.3	15.0	18.2	24.0	27.8	29.8	31.4	30.9	29.1	25.3	21.7	21.6
Mean	21.9	21.6	21.1	20.5	19.8	21.4	22.7	21.9	20.6	21.2	22.2	21.2	18.5	16.2	17.1	20.7	25.7	28.7	30.2	29.7	28.7	26.6	24.8	22.6	22.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 11 Agincourt — Z = 56,000 γ + — March 1948

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	325	334	336	323	308	245	165	254	235	261	277	267	258	278	287	293	303	307	310	318	327	347	344	330	293
2 D	343	333	321	313	300	265	284	292	293	297	260	241	284	297	301	301	304	311	313	316	322	319	335	323	303
3	318	313	307	304	280	268	249	290	295	251	228	219	254	280	284	292	300	302	307	311	311	311	310	310	287
4	311	306	304	305	299	295	295	292	293	291	296	300	302	302	301	297	298	300	304	307	306	304	305	308	301
5	306	305	304	304	302	303	303	297	298	294	291	293	298	298	298	293	295	304	312	316	316	313	309	306	303
6	304	303	303	302	303	300	297	298	287	278	276	293	296	304	301	294	298	305	315	318	321	321	317	316	302
7	313	308	305	300	294	300	296	297	298	298	296	294	301	301	304	301	304	306	303	308	308	306	305	304	302
8	303	302	301	300	300	298	292	300	302	301	300	300	305	304	302	298	300	307	313	313	320	320	319	316	305
9	308	304	304	304	301	302	302	298	285	292	298	303	304	304	299	296	306	310	310	312	309	308	307	307	303
10	307	303	299	301	296	295	297	297	297	297	297	299	302	300	299	297	301	305	307	311	313	315	307	305	302
11	303	302	301	299	296	301	301	299	298	299	298	299	301	302	301	299	296	297	301	298	299	305	320	333	302
12	337	316	308	317	302	305	250	244	262	295	303	308	303	298	297	296	297	297	303	308	309	309	308	312	300
13 D	316	326	345	328	322	308	273	246	232	226	132	154	213	257	294	292	305	318	342	343	348	373	350	361	292
14 D	349	354	311	309	261	250	245	251	278	277	284	292	309	316	315	310	326	335	349	366	372	362	361	339	314
15 D	356	336	258	279	103	-048	-009	065	082	-142	059	147	226	295	310	307	335	400	420	420	368	341	337	368	235
16	358	337	346	335	327	322	320	320	322	321	323	325	324	319	314	309	314	320	326	333	333	334	329	327	327
17	326	324	324	322	323	321	315	291	278	255	267	301	314	315	317	316	316	321	322	324	322	325	325	324	312
18 Q	322	315	312	298	308	311	309	309	307	305	304	307	309	311	312	311	311	306	305	307	310	316	317	315	310
19	315	321	320	314	310	309	289	243	247	285	299	307	309	309	306	301	301	304	305	308	310	307	307	309	301
20	310	310	309	309	310	309	308	306	297	293	303	306	303	302	302	299	306	310	313	314	317	318	317	317	308
21	316	310	299	297	295	297	272	287	299	292	292	301	299	296	296	298	300	306	309	310	315	316	309	310	301
22	308	306	306	303	303	304	304	299	300	302	303	305	307	309	310	307	306	309	310	312	319	320	315	313	308
23 Q	310	305	302	302	303	303	302	301	302	302	303	305	305	302	298	298	298	298	300	301	302	302	303	303	302
24 Q	302	302	301	302	301	300	299	301	301	298	301	304	307	306	305	300	301	306	311	314	313	313	309	304	304
25 Q	301	300	299	299	299	299	297	297	298	298	299	300	302	300	294	292	289	288	291	294	297	297	294	294	296
26	299	295	296	298	297	296	296	297	298	298	299	300	301	299	294	296	300	305	307	313	316	326	336	342	304
27	330	325	317	309	304	279	258	290	299	299	302	302	302	300	294	293	294	292	294	296	300	304	306	308	300
28	310	316	314	307	305	303	302	301	292	294	297	303	297	298	295	297	303	305	309	313	311	313	311	309	304
29 Q	305	304	306	306	307	306	305	304	303	303	305	307	305	303	302	301	305	306	313	315	317	318	326	317	308
30	313	312	316	314	306	305	306	298	296	292	294	295	305	304	301	301	306	309	305	308	316	324	318	312	306
31	310	315	323	314	296	303	303	304	303	304	304	304	304	302	296	294	286	285	285	289	298	305	309	309	302
Mean	318	315	310	307	296	286	278	283	283	276	280	286	295	300	301	299	303	309	313	317	317	319	319	318	301

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 12 Agincourt — March 1948

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	21	32	374	6	14	197	177	6	11	47.9	2	44	-7.9	55.8	22	00	380	6	15	105	275
2 D	22	10	380	16	24	290	90	11	28	43.4	22	59	-6.5	49.9	0	08	367	11	03	199	168
3	10	43	369	4	56	292	77	9	52	38.2	4	46	0.1	38.1	0	30	320	6	03	203	117
4	5	22	369	16	55	310	59	9	19	29.5	4	40	14.0	15.5	0	15	312	5	30	288	24
5	7	15	372	16	04	302	70	18	54	29.7	13	55	16.0	13.7	20	10	318	16	04	287	31
6	22	21	370	17	10	291	79	19	29	32.7	14	38	15.0	17.7	21	05	321	10	18	267	54
7	4	02	368	16	25	308	60	17	30	27.9	13	48	15.2	12.7	0	01	313	11	14	291	22
8	0	28	366	16	38	311	55	19	08	30.1	14	30	16.7	13.4	20	55	321	6	10	290	31
9	22	38	368	15	45	310	58	18	00	30.7	13	53	13.7	17.0	19	56	314	8	52	278	36
10	4	48	377	15	57	309	68	19	07	29.8	14	29	13.3	16.5	21	22	317	5	00	290	27
11	21	47	395	16	20	318	77	18	54	31.7	12	51	14.2	17.5	23	56	350	4	09	295	55
12	7	24	370	6	38	298	72	18	00	30.3	3	45	9.3	21.0	0	01	348	7	03	194	154
13 D	21	30	395	12	27	249	146	10	18	39.8	13	50	5.8	34.0	21	25	406	10	42	074	332
14 D	20	36	380	6	43	171	209	6	35	40.7	4	05	0.7	40.0	19	58	394	6	32	199	195
15 D	18	58	482	(7	45	-312)	(794)	5	15	97.5	7	30	-33.9	131.4	19	00	510	9	54	-269	779
16	1	10	350	16	42	287	63	18	22	34.0	13	25	19.1	14.9	0	17	368	15	10	307	61
17	22	18	354	16	35	261	93	17	20	30.8	14	11	16.9	13.9	22	01	328	9	55	246	82
18 Q	3	00	369	15	40	292	77	19	55	30.0	15	30	15.8	14.2	0	01	323	3	23	293	30
19	23	03	368	16	08	295	73	19	06	33.7	13	25	16.3	17.4	2	01	322	8	00	206	116
20	20	43	380	16	10	294	86	17	47	33.1	13	45	17.1	16.0	20	39	322	8	55	289	33
21	21	00	388	16	24	302	86	19	57	31.7	13	55	12.0	19.7	22	00	322	6	33	259	63
22	22	26	373	16	23	296	77	18	50	31.0	14	12	15.5	15.5	21	19	323	7	45	295	28
23 Q	21	23	381	16	25	311	70	18	10	31.3	13	53	14.7	16.6	0	17	310	17	00	296	14
24 Q	8	43	374	17	20	316	58	19	10	30.4	14	00	15.2	15.2	20	00	314	6	35	296	18
25 Q	21	47	395	16	00	309	86	19	00	31.3	14	35	11.7	19.6	12	30	303	17	52	286	17
26	22	55	379	14	55	280	99	19	24	33.9	13	41	7.6	26.3	23	15	343	14	54	290	53
27	21	35	380	15	07	301	79	17	25	30.0	13	15	13.8	16.2	0	30	339	6	12	234	105
28	23	18	364	15	23	296	68	18	20	32.4	13	22	11.8	20.6	1	56	316	8	23	288	28
29 Q	21	18	383	15	00	301	82	20	10	31.2	14	32	11.8	19.4	22	21	326	14	25	300	26
30	20	02	379	15	00	308	71	21	10	32.7	13	38	13.1	19.6	21	21	328	9	58	283	45
31	23	45	406	15	42	314	92	20	05	31.8	14	00	12.5	19.3	3	04	324	18	50	279	45
Mean			379			271	108			35.1			10.0	25.1			339			240	99
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 1948

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	364	343	342	338	341	348	343	358	354	359	369	363	356	346	328	324	328	332	339	351	347	359	364	356	348
2	359	355	354	355	352	327	334	360	369	369	356	367	364	348	329	320	317	324	338	353	363	378	380	374	352
3	363	363	364	345	349	360	368	364	364	361	364	370	364	345	332	315	312	324	345	361	377	379	377	370	356
4	369	369	365	369	366	359	357	351	364	370	374	373	367	354	334	316	313	324	344	363	374	377	372	370	358
5 Q	369	369	369	369	371	364	366	369	370	365	364	364	360	347	330	317	312	324	343	358	369	374	374	371	358
6 D	369	369	369	369	382	376	381	370	374	379	379	376	374	363	344	343	338	358	331	353	363	370	390	384	367
7	385	375	386	375	377	370	370	372	364	360	361	354	345	338	323	318	328	333	346	364	384	384	372	354	360
8 Q	354	360	358	356	358	358	359	363	363	364	364	361	355	338	317	302	296	308	324	339	356	369	371	369	348
9 Q	370	370	367	367	367	366	364	364	364	364	365	365	361	345	323	304	303	318	334	355	376	380	379	380	357
10	373	370	367	359	365	370	366	370	371	374	375	371	359	339	319	313	304	321	344	361	381	377	388	370	359
11	361	364	370	370	366	357	356	362	364	360	364	362	359	345	334	324	313	319	344	367	377	381	384	381	358
12	376	370	359	360	359	356	356	363	358	359	357	357	364	351	317	301	294	319	355	359	359	367	359	364	351
13	349	348	349	349	345	354	355	361	361	360	359	356	355	344	328	324	323	331	344	367	386	404	375	370	354
14	376	340	337	323	349	364	360	361	364	360	365	367	362	349	329	320	316	331	346	354	370	374	375	372	353
15	375	373	365	354	345	349	358	360	362	363	367	367	364	350	324	298	305	317	319	335	346	352	355	362	348
16 Q	364	365	364	361	364	366	366	370	371	371	370	362	360	361	359	350	346	345	356	367	370	380	376	374	364
17	373	370	365	365	370	365	370	371	370	370	370	365	363	354	346	342	358	370	375	367	373	381	378	377	367
18	373	375	372	375	371	371	372	377	380	366	360	360	352	333	314	309	324	345	361	380	383	386	386	380	363
19 Q	373	376	374	373	375	375	375	376	378	377	375	370	356	344	334	326	329	347	359	371	378	385	380	380	366
20	384	374	380	384	380	376	384	385	380	386	381	371	359	328	320	321	342	355	365	380	393	391	391	424	372
21 D	432	420	330	340	346	349	346	351	359	364	363	353	335	324	314	312	330	347	364	368	374	375	371	391	357
22 D	389	363	353	340	286	152	281	306	253	275	277	302	243	257	297	298	302	314	320	367	382	386	381	365	312
23	358	346	343	352	344	341	340	341	343	342	336	333	331	327	319	315	317	326	334	345	353	354	353	356	340
24	359	366	364	352	347	360	355	358	359	359	349	353	352	342	333	327	325	341	366	376	387	389	401	371	358
25	359	357	353	359	346	352	361	365	361	360	351	343	336	334	324	318	330	343	361	345	374	378	374	371	352
26	365	366	366	366	366	365	366	365	367	351	345	346	334	315	302	284	304	334	351	381	368	381	367	372	351
27	361	361	358	356	354	353	352	357	356	355	360	355	340	317	318	325	330	334	338	361	386	379	391	382	354
28	374	374	374	368	367	355	361	366	368	363	360	350	341	333	329	317	327	345	360	379	396	391	391	386	362
29 D	372	372	371	372	391	381	358	329	372	386	385	378	368	341	335	333	357	368	369	368	380	370	383	382	367
30	379	379	384	376	375	375	380	384	373	363	368	377	372	362	357	346	336	348	367	381	395	393	382	377	372
31																									
Mean	371	366	362	360	359	354	359	361	362	362	361	360	351	339	327	319	322	335	348	362	374	378	377	374	356

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 14 Agincourt D = 7° W + ... ′ April 1948

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	20.9	19.4	16.3	15.5	7.2	16.2	18.6	23.1	20.4	23.1	21.7	18.0	15.2	13.4	15.2	18.7	22.7	26.9	29.1	28.2	29.1	27.6	23.6	18.0	20.4
2	21.6	19.9	20.3	18.5	18.0	20.2	12.2	19.8	20.7	20.9	22.2	21.6	16.2	15.0	16.4	21.3	25.8	30.8	32.6	33.2	32.1	27.8	25.1	20.7	22.2
3	17.7	5.8	14.3	18.9	22.1	20.7	23.1	20.7	22.5	19.9	24.5	21.6	16.2	14.0	13.2	17.6	24.8	32.2	33.3	34.0	30.9	27.1	24.4	22.6	21.7
4	22.0	21.8	22.5	21.6	21.8	18.0	19.7	13.4	22.2	19.0	18.7	19.1	16.4	11.8	12.4	16.7	23.4	29.3	32.4	32.4	29.1	24.5	21.5	21.6	21.3
5 Q	21.6	21.8	22.0	20.0	18.0	21.5	20.9	20.5	20.4	20.4	19.5	17.2	15.3	13.6	15.5	20.0	27.1	30.5	32.2	30.7	27.3	24.0	21.9	21.0	21.8
6 D	21.6	21.3	21.5	21.8	20.9	21.7	19.9	17.9	18.3	19.9	19.4	15.8	12.7	12.0	14.0	20.6	23.4	24.6	31.5	27.4	30.9	30.0	26.2	24.6	21.6
7	24.4	23.6	22.6	22.6	21.7	18.9	19.4	19.8	19.5	20.2	18.2	16.2	14.0	13.5	15.8	21.6	24.4	27.2	29.6	31.6	28.7	27.9	25.2	23.9	22.1
8 Q	22.4	23.3	22.2	21.0	22.3	21.8	21.6	21.4	21.4	22.2	20.5	18.6	15.9	14.4	16.2	20.0	24.1	27.8	30.7	30.7	29.5	26.9	24.4	23.4	22.6
9 Q	22.7	22.5	21.6	21.6	21.6	21.6	21.6	20.9	20.9	20.9	19.8	18.0	16.2	14.6	15.7	18.9	24.0	28.8	33.0	34.2	32.6	30.7	27.6	21.6	23.0
10	20.2	20.6	20.7	20.0	20.9	20.4	20.9	21.0	20.7	20.1	19.5	16.7	13.6	12.9	15.2	19.1	23.3	30.6	34.6	35.5	33.0	29.8	26.1	24.6	22.5
11	19.8	22.0	21.6	20.7	19.8	19.8	19.1	19.6	19.1	18.8	18.2	17.1	14.5	14.0	15.8	20.6	24.2	28.9	32.7	33.5	31.7	27.2	24.4	21.6	21.8
12	20.7	20.8	21.1	19.6	18.7	18.5	16.1	18.9	19.2	19.4	21.6	14.2	13.0	12.5	12.2	17.1	28.1	32.8	35.0	34.6	32.6	29.2	25.5	22.6	21.8
13	21.6	19.6	19.8	14.9	15.3	18.6	20.0	18.9	19.8	20.4	20.0	19.5	15.3	13.6	15.3	18.3	22.7	28.3	32.0	35.0	34.3	33.3	30.1	26.0	22.2
14	21.9	13.5	17.8	20.0	17.5	20.3	21.2	21.1	21.2	21.0	20.6	19.0	18.5	15.5	17.8	20.9	24.7	31.1	31.2	31.5	29.3	26.4	23.8	23.3	22.0
15	22.4	21.6	21.0	19.3	16.5	17.6	20.9	20.8	16.7	18.6	17.0	15.3	12.5	13.4	15.0	20.0	28.8	34.1	36.7	34.7	33.3	30.2	26.6	24.1	22.4
16 Q	22.9	22.2	22.2	21.6	21.4	21.7	21.3	21.3	21.3	21.0	19.7	18.8	16.7	15.2	16.0	19.5	23.6	26.1	29.3	30.1	29.7	28.4	26.1	23.4	22.5
17	22.0	21.9	21.2	20.6	21.5	21.1	20.6	20.0	19.9	19.7	18.8	17.2	16.0	15.8	18.1	21.3	24.8	26.7	29.1	30.0	28.0	26.4	23.7	22.2	21.9
18	21.6	22.2	22.0	21.6	21.3	20.1	20.2	20.4	18.9	18.8	17.0	14.2	12.3	12.5	15.7	20.8	26.4	30.6	31.1	28.7	26.5	24.0	22.8	22.4	21.4
19 Q	22.6	22.6	21.9	21.9	21.5	21.1	20.7	20.1	19.8	19.4	17.4	15.6	14.7	17.1	20.2	24.0	28.0	30.8	29.9	28.3	26.2	24.3	22.2	20.9	22.1
20	19.3	21.9	22.6	21.7	20.7	17.4	18.6	18.0	18.4	19.1	21.1	14.6	10.5	12.2	17.7	23.7	27.6	29.6	30.6	30.5	26.8	22.7	21.7	23.7	21.3
21 D	25.0	24.7	12.6	23.7	24.7	23.5	22.3	20.8	19.9	20.0	18.9	16.5	16.3	16.8	20.4	24.9	30.7	33.6	34.6	33.6	30.4	27.1	24.7	23.2	23.7
22 D	27.7	25.0	23.6	22.2	19.6	29.1	20.9	20.8	28.1	13.6	9.2	13.6	21.9	26.3	23.4	25.0	32.0	33.6	32.7	27.8	24.2	20.2	20.8	21.7	23.5
23	23.6	25.2	22.7	24.7	25.3	22.3	22.2	21.6	20.7	19.1	16.4	15.0	15.9	18.3	20.5	22.3	24.5	26.7	28.2	27.5	27.0	25.5	23.7	23.0	22.6
24	22.5	22.9	23.2	21.7	21.1	20.9	20.2	19.8	20.1	19.3	18.6	17.0	16.2	15.9	18.7	23.8	27.7	30.2	30.2	29.1	27.3	24.4	18.8	18.0	22.0
25	17.9	20.7	18.7	20.7	16.2	20.1	21.7	20.1	21.7	23.2	17.4	14.3	14.3	15.3	17.8	22.0	27.6	29.6	29.0	33.2	30.4	27.3	25.6	22.7	21.9
26	22.3	23.2	23.2	22.8	22.3	22.1	21.0	20.6	21.0	23.7	21.7	15.6	12.9	14.1	19.6	24.1	30.2	33.2	31.8	29.9	28.0	25.4	24.5	23.4	23.2
27	17.7	16.6	16.1	18.7	21.2	21.8	25.7	21.5	22.6	23.6	17.8	15.4	13.7	15.5	16.7	19.0	23.7	26.8	30.9	30.9	27.1	25.5	23.6	22.4	21.5
28	22.8	23.0	22.6	11.0	14.8	18.3	21.6	21.0	19.3	19.4	17.8	14.8	14.0	15.5	16.0	19.4	25.1	26.4	27.2	26.9	25.9	24.9	24.3	23.6	20.7
29 D	24.1	23.8	23.0	22.2	15.8	18.6	13.7	22.1	11.4	13.6	13.3	12.2	12.9	16.3	19.2	23.1	26.0	27.7	29.9	30.5	29.4	28.6	26.3	23.8	21.1
30	22.7	20.8	22.7	20.8	20.8	20.7	19.8	22.1	20.9	18.0	20.2	14.0	14.0	14.4	16.2	20.1	22.6	26.3	27.8	27.8	26.7	25.3	22.9	23.0	21.3
31																									
Mean	21.9	21.2	20.8	20.5	19.7	20.6	20.2	20.3	20.3	19.9	18.9	16.6	15.0	14.9	16.7	20.8	25.7	29.5	31.4	31.1	29.3	26.8	24.3	22.6	22.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 15 Agincourt — Z = 56,000 γ + — April 1948

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	315	326	320	303	254	291	294	279	276	287	298	305	303	302	301	299	297	294	293	301	305	311	325	329	300
2	315	310	310	302	278	260	282	299	301	296	282	292	296	297	299	296	298	299	300	306	309	313	317	320	299
3	314	297	287	297	282	297	293	296	295	291	291	288	292	297	297	297	298	305	308	310	314	314	311	310	299
4	306	303	304	301	296	291	268	273	262	278	290	298	303	305	303	302	305	315	317	318	316	316	313	310	300
5 Q	307	304	303	302	295	298	301	303	302	300	304	306	307	304	300	302	307	314	316	316	317	316	310	309	306
6 D	307	305	304	304	300	288	281	288	297	299	299	304	304	298	293	293	294	294	299	318	319	311	306	305	301
7	302	300	304	305	306	305	299	299	299	299	300	301	301	300	298	299	301	302	306	318	331	335	335	329	307
8 Q	319	310	306	306	305	305	305	302	303	303	306	309	310	313	310	305	302	300	307	311	314	312	309	306	308
9 Q	304	302	303	300	300	300	300	300	299	297	299	300	300	300	298	292	286	286	291	296	306	312	310	312	300
10	309	308	308	307	305	303	303	302	301	302	304	303	301	297	296	296	296	300	303	303	308	314	321	327	305
11	321	314	309	311	289	305	304	304	305	307	308	306	303	301	307	307	301	301	301	307	313	314	313	314	307
12	310	312	318	315	312	302	298	291	292	293	280	297	301	300	301	305	314	322	325	325	323	325	328	327	309
13	327	317	309	282	291	302	308	305	307	305	303	300	301	302	308	308	304	305	309	315	329	338	341	325	310
14	329	356	328	252	292	315	311	310	310	309	312	310	302	298	303	303	306	316	313	316	322	318	317	315	311
15	310	309	309	311	303	300	289	268	293	305	310	311	309	305	301	303	316	335	335	325	327	328	323	318	310
16 Q	315	311	310	310	310	309	307	307	308	308	305	305	303	298	288	281	282	292	303	305	311	312	306	309	304
17	310	307	310	308	306	307	306	306	306	306	309	309	305	299	295	288	291	292	297	308	317	320	316	311	306
18	307	305	304	303	304	303	303	303	289	294	296	305	305	308	301	299	301	305	308	312	317	317	311	305	304
19 Q	305	304	303	303	304	303	303	303	303	303	306	309	305	299	295	294	297	307	308	311	317	317	312	313	305
20	313	310	310	304	300	295	304	301	301	305	297	287	290	285	284	281	290	297	301	310	317	324	328	359	304
21 D	445	386	362	324	318	324	321	310	315	315	320	320	321	318	313	309	310	310	310	317	323	325	323	329	328
22 D	357	363	371	371	289	157	273	279	237	206	204	255	264	271	292	321	348	350	357	381	389	379	360	348	309
23	349	348	331	322	313	325	324	322	322	322	322	319	312	311	315	312	312	313	319	325	330	325	324	320	322
24	319	319	317	319	319	290	288	312	316	316	313	312	307	305	305	306	312	314	313	308	313	314	330	341	313
25	336	326	322	325	306	310	310	312	302	292	295	297	303	306	310	306	305	313	324	323	332	331	326	326	314
26	321	316	313	309	310	309	309	309	311	284	258	265	286	287	292	304	317	327	326	332	330	330	329	327	309
27	334	321	316	316	313	302	289	286	283	283	302	307	312	311	314	312	313	320	319	321	328	321	320	317	311
28	316	313	315	303	282	300	306	308	307	310	311	308	305	303	300	302	306	309	314	316	322	327	327	328	310
29 D	326	317	314	309	293	291	269	180	268	299	303	304	301	296	294	291	294	297	298	307	317	317	320	318	297
30	318	314	311	307	306	306	305	286	272	275	274	283	292	295	298	303	310	311	312	318	315	319	321	315	303
31																									
Mean	322	318	315	308	299	296	299	295	296	296	297	300	302	300	300	300	304	308	311	316	321	322	321	321	307

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 16 Agincourt — April 1948

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	22	03	389	14	42	312	77	18	13	29.9	4	30	3.1	26.8	1	04	339	4	22	224	115
2	23	38	390	6	02	302	88	10	29	37.7	6	20	5.4	32.3	0	01	321	5	10	238	83
3	1	55	389	16	57	307	82	19	50	35.5	1	25	1.5	34.0	0	07	318	4	33	262	56
4	21	35	380	16	16	307	73	19	17	33.3	7	15	8.5	24.8	19	14	320	6	44	254	66
5 Q	20	45	378	16	20	307	71	18	25	32.6	13	38	13.5	19.1	18	13	317	4	10	291	26
6 D	19	55	428	18	35	313	115	18	20	36.0	12	55	11.5	24.5	19	58	341	6	30	276	65
7	2	30	401	15	39	307	94	19	44	32.5	12	58	12.7	19.8	21	57	338	16	55	294	44
8 Q	20	54	378	16	03	291	87	19	11	31.5	13	33	14.2	17.3	0	03	322	17	07	300	22
9 Q	21	22	385	16	00	297	88	19	18	35.4	13	57	14.5	20.9	21	23	313	16	50	286	27
10	22	30	390	16	20	303	87	19	23	36.3	13	25	11.6	24.7	23	42	329	16	07	293	36
11	4	13	390	17	05	312	78	19	20	34.3	13	37	14.0	20.3	0	01	327	4	25	270	57
12	0	33	378	16	22	288	90	19	15	35.8	14	30	9.5	26.3	21	03	331	10	30	273	58
13	22	10	417	14	32	319	98	20	30	36.4	4	05	7.6	28.8	2	12	350	3	42	262	88
14	0	35	391	3	57	280	111	18	38	32.5	1	35	7.2	25.3	1	30	369	3	51	174	195
15	0	46	376	15	42	289	87	18	08	38.6	12	40	11.5	27.1	18	00	339	7	15	259	80
16 Q	21	43	385	16	40	338	47	19	30	30.6	13	53	13.6	17.0	1	30	315	16	38	280	35
17	4	39	393	15	43	341	52	19	38	30.7	12	40	14.6	16.1	21	33	323	16	50	287	36
18	22	27	393	15	05	303	90	17	55	32.1	13	34	10.9	21.2	21	36	320	8	54	283	37
19 Q	22	34	391	16	00	318	73	17	24	31.4	12	30	14.1	17.3	21	35	321	16	00	291	30
20	23	30	434	15	11	314	120	18	27	31.4	12	28	8.0	23.4	23	55	389	15	10	280	109
21 D	2	15	482	15	50	305	177	1	05	40.5	1	53	1.4	39.1	0	48	503	15	50	305	198
22 D	0	38	402	6	00	023	379	5	55	85.2	4	50	0.5	84.7	3	15	413	5	49	-040	453
23	3	53	368	15	29	307	61	18	37	28.9	11	45	14.4	14.5	1	23	354	4	11	301	53
24	21	56	411	16	03	305	106	18	08	30.9	13	35	15.4	15.5	23	55	347	5	54	274	73
25	20	42	396	16	05	312	84	19	24	34.0	12	17	11.7	22.3	0	01	342	9	44	286	56
26	20	00	399	15	54	278	121	17	20	34.8	13	00	9.9	24.9	20	00	339	10	59	243	96
27	20	30	395	13	58	307	88	19	13	32.6	0	40	12.8	19.8	0	24	338	9	27	274	64
28	21	04	401	15	24	314	87	18	54	28.0	3	53	7.8	20.2	22	55	330	4	27	273	57
29 D	4	50	399	7	22	293	106	7	12	35.0	6	52	8.7	26.3	0	09	327	7	32	146	181
30	21	15	407	16	41	333	74	18	22	29.0	12	06	10.9	18.1	22	15	328	10	25	263	65
31																					
Mean			397			297	100			35.1			10.0	25.1			342			257	85
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 1948

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	375	375	369	372	374	377	377	377	377	377	377	372	369	362	350	350	362	367	379	369	372	382	380	370	371
2		374	375	372	377	373	368	372	369	371	369	367	346	355	344	351	346	371	373	373	387	365	351	364	369	366
3		366	358	346	351	338	344	356	361	352	352	350	345	326	332	341	337	351	364	377	412	397	383	378	386	359
4		380	373	368	364	367	372	377	380	380	379	381	378	364	352	335	326	366	387	391	395	395	403	429	390	376
5		357	366	369	370	371	372	368	367	367	366	364	363	354	345	341	352	367	383	408	421	413	395	385	381	373
6		373	377	369	366	366	364	356	358	357	356	356	352	336	330	293	280	313	344	377	389	397	406	418	387	359
7	D	377	357	361	362	363	352	325	166	150	228	258	265	322	335	330	313	292	309	341	363	351	377	374	361	318
8		364	355	359	360	364	364	362	337	356	362	358	354	346	334	326	324	337	353	377	393	391	393	366	367	359
9	D	367	367	369	367	361	361	366	387	332	289	331	336	334	357	351	341	325	332	370	380	383	361	361	372	354
10		367	367	368	362	358	352	359	367	367	358	349	352	362	347	341	311	317	338	376	383	386	383	394	383	360
11		374	374	363	367	362	360	359	363	357	366	362	363	358	340	336	344	339	344	352	381	392	380	384	398	363
12		384	375	374	373	376	369	362	368	375	367	365	357	352	342	337	332	355	373	386	399	402	410	378	371	370
13		381	388	352	359	371	378	378	373	381	358	347	357	355	360	352	348	345	356	377	387	384	378	369	368	367
14		368	373	374	368	368	368	368	367	367	368	368	366	362	343	332	323	333	350	371	376	378	398	383	389	365
15	D	408	368	358	348	347	333	297	304	327	344	331	334	327	342	330	327	334	347	365	389	434	407	479	515	362
16	D	373	364	326	287	117	177	136	240	311	314	316	296	322	340	299	332	359	388	383	384	363	437	391	391	318
17		375	363	368	367	367	363	357	355	354	351	347	343	336	327	319	321	329	343	361	370	372	388	399	394	357
18		383	377	378	362	362	353	352	347	342	347	352	357	350	334	318	312	328	352	376	380	378	402	384	378	359
19	Q	367	369	367	367	367	367	365	363	366	359	363	352	342	337	336	348	357	365	373	377	376	377	371	368	363
20	Q	375	381	384	383	380	371	373	368	365	363	357	350	342	329	328	338	351	359	373	383	391	396	393	376	367
21	D	369	368	356	359	348	343	325	348	335	349	359	331	301	317	275	281	276	294	343	379	462	495	435	420	353
22		353	332	337	343	344	327	309	311	284	348	339	325	318	322	328	310	307	341	385	426	454	472	418	392	351
23		394	385	350	344	325	348	358	354	353	354	358	363	361	348	338	350	372	379	392	402	409	402	406	431	370
24		423	384	363	374	358	353	353	355	350	343	342	351	348	346	328	318	323	330	349	366	375	384	375	390	358
25		381	384	368	368	371	354	363	373	374	353	338	332	337	334	325	329	329	337	354	366	382	387	396	380	359
26	Q	377	374	375	377	374	369	369	369	363	364	363	352	349	343	333	328	348	365	375	384	391	389	379	384	366
27		384	374	364	372	375	379	383	370	353	355	359	361	357	349	346	341	348	375	397	401	395	395	390	390	371
28	Q	389	377	385	386	388	386	384	384	384	380	379	376	370	359	346	342	353	366	393	410	420	418	416	416	384
29		398	384	352	351	371	380	389	384	385	376	375	358	355	336	319	335	380	389	392	397	403	400	423	395	376
30		396	367	369	368	368	370	377	381	379	380	379	375	374	366	365	360	368	366	379	402	406	401	394	394	379
31		391	385	384	383	388	391	395	394	395	389	395	391	385	377	363	352	365	394	414	420	427	415	408	410	392
Mean		379	371	364	363	357	357	354	353	352	353	354	350	347	343	333	331	342	357	376	390	395	399	394	391	363

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 18 Agincourt D = 7° W + ... ′ May 1948

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	22.7	21.1	17.2	20.6	20.8	21.2	21.1	20.8	21.2	21.1	20.2	19.0	16.7	16.9	19.0	21.9	25.4	26.8	26.9	28.6	28.1	25.0	23.1	22.4	22.0
2	23.3	21.3	20.6	20.3	23.9	18.5	19.9	24.6	24.5	19.3	17.1	21.7	21.2	19.2	21.8	24.4	26.1	25.9	25.6	25.3	24.4	26.6	25.5	23.5	22.7
3	20.7	21.5	19.9	19.1	22.7	18.7	19.9	20.8	20.0	21.1	17.4	17.1	17.4	18.1	21.2	22.7	25.1	24.5	29.2	27.6	25.8	26.1	26.8	25.9	22.0
4	24.3	22.2	19.8	19.4	19.5	21.5	20.8	19.9	19.5	18.3	16.6	13.9	12.8	14.2	15.8	22.0	28.1	27.9	30.9	30.9	27.9	25.7	20.9	20.8	21.4
5	21.9	24.1	24.1	23.9	23.4	22.6	21.9	21.0	20.0	19.2	16.7	14.8	15.5	16.7	18.4	22.8	27.2	32.3	31.9	30.3	28.2	26.3	23.7	23.6	22.9
6	24.8	22.9	23.8	20.2	23.4	22.1	21.9	23.7	24.6	25.8	17.0	13.9	16.1	18.4	20.3	28.9	34.1	31.0	30.8	32.7	29.5	25.6	20.3	20.1	23.9
7 D	21.2	16.7	23.3	22.9	22.8	21.8	20.1	17.4	37.7	34.0	21.0	23.7	12.1	13.9	13.5	18.4	24.0	30.3	36.3	35.3	31.8	25.6	21.6	20.7	23.6
8	22.9	24.0	24.0	23.4	22.7	21.3	17.5	19.7	19.6	19.9	19.6	16.7	15.0	16.8	20.6	24.9	31.2	33.7	33.8	32.7	30.0	26.8	24.9	24.1	23.6
9 D	23.6	22.9	20.8	19.2	20.9	22.0	21.9	27.6	28.6	21.2	15.8	9.4	9.3	11.8	13.8	17.3	23.1	25.8	26.4	29.3	27.9	26.6	24.8	23.5	21.4
10	24.4	22.8	20.3	17.3	18.6	21.9	23.9	26.6	26.7	23.4	21.3	19.9	17.8	17.6	17.9	19.1	22.8	24.2	23.4	26.4	29.5	27.2	23.0	22.0	22.4
11	19.5	21.0	22.5	21.4	19.4	19.5	20.0	23.9	30.4	26.5	24.0	16.2	15.6	15.8	17.1	18.2	19.2	21.0	24.4	23.2	22.6	24.4	23.2	18.3	21.0
12	20.4	22.9	21.9	20.0	22.3	22.3	20.4	21.9	25.9	27.4	19.5	15.9	16.4	17.0	20.2	23.7	28.2	28.7	29.1	29.4	26.5	24.6	26.8	24.8	23.1
13	14.4	17.4	19.2	19.6	20.8	24.0	26.0	25.7	25.4	27.5	18.9	13.1	14.0	12.5	13.9	18.2	24.7	28.4	30.7	31.2	30.1	27.0	25.6	24.1	22.2
14	23.7	23.2	23.0	22.7	22.0	22.0	21.7	21.3	21.0	19.9	17.3	15.5	13.9	12.9	14.9	20.0	26.5	30.1	29.9	32.6	30.1	25.0	23.2	20.4	22.2
15 D	16.8	23.0	23.8	15.6	20.8	27.4	21.1	15.9	22.0	26.2	23.0	23.9	14.6	18.3	19.1	24.6	30.2	32.1	32.2	29.9	25.4	27.4	19.4	16.0	22.9
16 D	18.6	18.5	-2.0	17.5	34.4	28.8	6.2	18.4	22.0	19.1	17.1	14.0	12.0	14.4	17.8	30.8	27.4	24.1	26.6	24.8	27.3	25.5	24.0	22.9	20.4
17	26.1	26.4	25.6	23.8	23.0	21.3	21.4	22.0	22.4	20.2	18.4	16.6	16.5	19.5	23.0	28.3	30.5	31.9	31.1	29.0	26.2	23.5	20.5	21.2	23.7
18	22.8	23.7	25.0	22.3	20.7	22.4	22.2	21.1	21.7	16.9	14.7	13.5	13.7	15.4	19.0	25.1	30.0	31.2	30.1	28.0	26.3	23.0	22.0	22.0	22.2
19 Q	22.7	24.0	24.6	24.2	23.3	22.4	22.2	22.1	21.2	19.3	16.6	15.8	12.1	17.7	22.2	26.0	27.1	28.6	27.7	26.8	26.5	25.9	24.5	24.5	22.9
20 Q	23.7	23.0	23.2	23.9	22.2	21.3	20.5	21.0	19.9	18.6	15.1	12.5	13.5	17.0	21.1	24.7	26.9	28.8	29.9	30.2	28.3	24.8	23.3	20.8	22.2
21 D	20.9	19.7	17.0	16.0	15.6	16.6	19.8	15.2	10.6	9.0	7.9	21.3	22.9	25.7	33.2	29.3	29.5	33.9	33.3	29.7	18.3	14.6	18.9	11.3	20.3
22	17.5	4.5	13.6	16.5	7.7	13.0	17.8	21.3	25.3	23.2	22.7	17.8	18.4	20.1	21.1	22.3	27.4	27.7	26.1	21.1	20.0	16.0	18.7	22.2	19.2
23	20.2	21.8	17.7	18.0	16.2	20.5	17.0	19.7	20.3	19.2	16.3	15.8	14.7	16.0	18.4	25.1	27.4	27.7	26.6	25.2	23.8	24.4	23.8	23.1	20.8
24	20.0	20.1	23.4	22.2	21.3	20.0	20.3	20.1	19.0	15.9	13.2	15.0	12.2	11.1	14.0	19.3	24.6	28.6	28.2	28.8	27.5	24.2	22.7	20.3	20.5
25	19.8	21.8	22.7	26.7	23.9	19.7	24.1	26.8	21.0	18.6	17.7	17.2	19.8	17.5	20.3	24.3	28.9	31.3	32.7	32.1	29.6	24.7	20.2	18.1	23.3
26 Q	17.8	17.5	21.8	23.2	23.9	23.7	23.6	23.5	23.0	21.1	18.1	15.0	13.7	16.4	18.3	24.5	28.6	29.2	29.5	30.2	28.2	24.8	22.3	21.0	22.4
27	17.5	20.3	19.0	20.0	20.7	20.2	18.8	15.9	18.6	15.0	12.7	13.1	12.2	13.1	17.2	21.1	24.6	26.0	25.7	24.7	23.3	21.1	20.0	18.8	19.1
28 Q	22.2	23.6	23.1	22.0	22.1	21.6	21.1	20.2	19.5	18.1	16.0	13.7	12.3	14.2	17.8	24.1	29.2	32.7	32.0	31.3	29.1	25.7	21.1	19.7	22.1
29	20.4	20.9	11.8	12.7	17.5	19.2	20.0	20.4	19.5	16.0	12.9	11.8	16.3	11.8	18.8	25.7	25.8	25.8	27.4	28.3	28.1	25.1	18.5	16.5	19.6
30	16.0	16.9	15.1	15.3	12.7	17.0	19.7	23.0	23.0	21.1	18.8	16.7	15.2	16.7	18.4	23.0	25.6	30.9	36.3	31.4	28.1	25.1	23.7	22.9	21.3
31	23.0	23.6	23.5	23.0	21.8	21.4	19.7	19.6	17.5	12.0	10.0	10.0	9.6	10.4	13.2	20.2	25.9	26.0	25.9	27.3	25.1	22.7	20.7	21.1	19.7
Mean	21.1	21.1	20.3	20.5	21.0	21.2	20.4	21.3	22.3	20.5	17.1	15.9	15.0	16.0	18.8	23.3	27.0	28.6	29.3	28.9	26.9	24.6	22.5	21.2	21.9

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 19 Agincourt $Z = 56{,}000\ \gamma +$ May 1948

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	309	310	308	306	309	308	307	306	306	310	309	304	299	293	291	291	298	305	317	322	322	327	331	328	309
2	319	315	315	306	270	288	301	289	288	300	297	294	292	292	283	280	284	291	302	323	342	333	326	317	302
3	322	325	322	314	223	274	296	279	295	302	303	306	305	309	310	307	311	313	329	338	337	325	316	311	307
4	312	318	319	319	317	312	312	309	310	310	310	311	308	305	306	306	309	312	322	322	328	334	365	352	318
5	334	316	313	307	307	307	309	310	310	312	314	311	312	307	305	305	312	316	317	322	328	336	337	335	316
6	333	333	330	323	318	306	312	316	312	283	285	295	300	306	315	323	329	339	372	389	390	388	398	364	331
7 D	344	341	330	325	318	274	154	103	108	151	174	167	277	245	259	344	337	347	363	365	358	365	384	365	291
8	336	325	321	319	317	313	296	279	307	319	318	319	321	318	320	323	329	329	323	327	324	326	320	323	319
9 D	322	322	323	322	318	319	317	269	183	190	219	252	278	307	315	309	319	327	341	343	339	332	330	327	301
10	321	322	324	320	317	313	315	301	297	308	312	311	320	315	315	308	325	336	351	350	348	341	344	333	322
11	335	327	321	319	308	302	308	302	279	277	298	315	321	321	326	319	310	315	329	344	357	342	338	346	319
12	333	322	321	314	281	290	305	313	308	299	308	313	311	310	313	308	310	310	319	326	329	339	326	321	313
13	326	338	332	319	318	317	319	319	308	278	274	302	306	312	310	313	314	315	321	325	321	319	320	320	315
14	320	320	320	319	318	319	316	317	318	320	320	321	318	314	309	306	308	309	318	326	320	324	320	321	317
15 D	330	318	291	299	311	285	211	240	287	271	255	239	260	297	314	323	322	314	318	324	340	350	406	426	306
16 D	378	334	258	236	071	114	147	114	258	290	328	327	336	335	309	314	340	354	347	350	350	358	368	366	291
17	334	326	326	321	324	322	319	314	320	326	323	322	325	322	316	322	334	340	343	341	340	347	359	362	330
18	357	336	312	327	325	330	324	324	312	329	331	325	322	321	323	320	316	325	335	339	334	345	343	347	330
19 Q	337	328	323	321	321	321	320	320	321	324	327	314	308	308	311	309	312	317	317	321	323	324	323	322	320
20 Q	319	319	321	316	307	313	315	315	317	312	310	311	311	310	316	314	313	313	320	325	336	351	360	359	321
21 D	356	350	343	330	324	310	197	230	240	272	307	292	255	255	268	288	315	345	382	417	481	472	435	438	329
22	387	363	334	328	240	241	225	213	162	269	304	318	327	325	331	327	346	358	377	410	416	412	386	370	324
23	361	328	334	329	297	289	317	326	329	331	329	329	326	328	327	326	323	319	321	328	341	346	353	365	329
24	397	381	374	349	343	339	334	307	302	306	299	295	305	316	322	324	327	321	323	327	331	337	338	349	331
25	355	352	343	302	276	305	308	277	302	306	305	299	292	299	308	311	314	318	330	337	341	340	345	350	317
26 Q	349	330	330	329	325	323	321	322	322	325	328	324	320	317	314	309	305	308	317	325	329	335	332	329	324
27	339	332	330	328	324	314	296	293	285	281	289	299	306	312	316	309	309	313	317	322	328	334	335	339	315
28 Q	335	329	324	319	317	316	316	317	318	321	321	321	319	316	314	309	312	314	322	323	327	329	332	337	321
29	336	341	320	326	326	318	310	312	303	320	325	320	310	306	312	303	301	300	301	318	322	324	342	350	319
30	359	348	335	327	309	306	312	318	321	323	325	324	322	316	309	302	306	308	315	320	323	326	326	327	321
31	323	317	317	318	318	314	306	307	299	306	316	316	312	309	307	305	310	312	317	316	318	327	341	352	316
Mean	340	332	323	318	300	300	292	286	288	296	303	303	307	311	313	312	317	321	330	338	343	345	349	347	317

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 20 Agincourt — May 1948

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	18	47	392	14	06	332	60	19	56	30.5	13	19	14.1	16.4	22	49	337	14	04	283	54
2	18	20	413	13	45	313	100	8	24	28.8	10	47	15.0	13.8	20	31	353	4	26	259	94
3	19	40	445	4	42	315	130	4	36	37.1	4	12	7.8	29.3	19	42	349	4	24	188	161
4	22	06	462	15	18	308	154	19	00	32.5	13	57	9.9	22.6	22	11	378	13	53	296	82
5	19	40	423	14	43	335	88	18	00	33.6	11	43	14.6	19.0	0	01	346	14	23	303	43
6	22	42	433	15	08	270	163	16	23	36.5	12	01	12.8	23.7	22	40	412	9	51	266	146
7 D	19	47	394	7	54	091	303	8	45	50.0	11	45	4.3	45.7	22	18	398	9	02	030	368
8	21	31	436	15	34	274	162	17	13	35.4	6	48	10.9	24.5	0	01	349	6	49	266	83
9 D	7	27	444	8	56	251	193	8	28	38.2	12	13	-1.2	39.4	19	05	347	8	35	141	206
10	21	30	405	15	53	280	125	20	12	31.6	3	10	15.6	16.0	19	16	358	7	45	289	69
11	23	36	417	16	27	328	89	8	50	35.8	12	56	13.0	22.8	20	46	362	9	04	262	100
12	21	23	443	15	36	319	124	9	12	31.1	12	18	15.0	16.1	21	24	355	4	27	263	92
13	1	15	435	2	43	336	99	2	15	33.2	0	53	5.6	27.6	2	24	348	10	18	253	95
14	23	26	419	15	50	317	102	19	42	34.8	13	30	12.9	21.9	23	29	335	15	45	303	32
15 D	23	15	614	7	20	264	350	1	44	37.6	23	34	0.3	37.3	23	25	493	7	17	189	304
16 D	21	40	558	6	10	-016	574	3	14	60.4	2	27	-12.0	72.4	0	13	421	4	26	-092	513
17	22	44	408	14	40	314	94	17	20	33.7	11	33	15.6	18.1	22	45	364	0	01	291	73
18	21	56	409	15	37	307	102	17	56	32.3	11	53	13.1	19.2	0	01	359	8	42	300	59
19 Q	19	35	378	14	13	329	49	17	36	28.7	12	20	10.0	18.7	0	20	341	12	23	305	36
20 Q	22	08	401	14	15	322	79	19	28	31.2	12	10	11.6	19.6	23	05	361	4	06	302	59
21 D	21	45	518	17	10	247	271	17	57	38.2	23	25	6.3	31.9	20	12	492	6	34	118	374
22	21	15	495	8	37	239	256	8	12	36.1	1	53	-8.7	44.8	21	10	440	8	10	074	366
23	23	58	452	4	48	293	159	5	17	33.9	4	52	-6.2	40.1	0	34	380	5	08	191	189
24	0	23	454	14	41	316	138	19	05	29.6	13	05	8.8	20.8	0	35	434	11	45	289	145
25	22	23	402	14	30	312	90	19	03	33.3	11	14	15.4	17.9	0	50	357	4	00	249	108
26 Q	20	45	401	15	30	318	83	19	08	30.5	12	44	12.3	18.2	0	01	354	16	25	303	51
27	21	08	408	15	15	337	71	17	30	26.5	10	32	11.1	15.4	0	55	344	9	03	277	67
28 Q	20	55	423	15	55	329	94	17	58	34.4	11	58	12.1	22.3	0	08	339	15	56	306	33
29	22	10	436	14	12	299	137	18	50	30.5	3	25	6.3	24.2	23	05	355	18	02	291	64
30	0	30	428	17	52	344	84	18	05	37.4	4	05	9.0	28.4	1	05	362	5	43	300	62
31	20	43	433	15	32	344	89	19	53	29.5	10	35	8.8	20.7	23	59	356	8	47	294	62
Mean			438			289	149			34.6			8.5	26.1			373			238	135
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 1948

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	401	380	365	334	287	314	211	371	380	361	365	370	347	341	328	297	313	349	349	361	375	392	385	385	348
2	380	380	382	376	376	378	350	350	362	365	375	370	365	354	344	333	349	360	369	380	389	396	407	402	370
3	400	384	375	375	371	371	369	366	370	369	374	367	351	344	330	331	341	360	367	372	385	376	378	386	367
4 Q	387	384	383	377	377	375	375	375	375	376	378	378	365	360	354	350	354	380	397	402	412	415	405	391	380
5	387	383	390	389	386	379	382	386	385	385	376	377	372	364	350	354	380	411	416	403	409	409	401	396	386
6	393	393	396	386	387	391	396	388	383	386	381	380	375	360	347	355	360	383	387	392	401	405	395	395	384
7	396	393	391	390	386	389	385	383	386	388	391	392	376	359	373	367	364	380	391	396	419	403	396	396	387
8	383	380	383	388	387	385	386	382	385	393	381	390	380	373	367	369	369	369	385	424	420	403	390	397	386
9	390	375	360	369	370	379	380	385	381	383	385	390	385	373	367	346	361	376	385	388	402	403	391	388	380
10	380	381	381	377	364	375	386	382	376	375	375	371	364	355	352	347	355	369	387	401	409	409	400	389	377
11	387	384	388	388	386	381	383	383	383	385	387	386	380	360	347	349	365	383	396	417	406	408	404	401	385
12	400	397	392	390	387	388	385	385	388	390	393	392	392	379	364	352	363	384	406	422	427	441	412	414	394
13	381	370	368	368	381	370	359	365	372	375	375	371	357	334	338	336	369	398	414	417	398	388	383	382	374
14	380	386	379	379	379	378	375	375	377	382	382	378	372	367	363	355	360	384	398	403	406	395	382	382	380
15 Q	378	379	379	378	385	380	376	383	381	377	377	376	374	364	353	351	366	384	401	412	417	412	395	386	382
16 Q	381	381	383	383	383	384	384	385	385	381	382	386	376	366	359	359	366	384	407	422	421	407	401	395	386
17	386	379	385	388	393	388	386	386	386	380	381	380	373	364	354	352	350	371	392	397	420	393	391	376	381
18 D	381	395	392	386	383	382	370	370	373	376	375	376	365	360	359	330	345	374	404	424	417	402	416	426	382
19 D	400	380	370	364	360	345	334	332	304	301	317	327	344	352	343	333	337	352	364	378	404	408	402	385	355
20	397	389	371	381	375	376	370	363	360	354	368	366	368	368	361	344	344	354	368	393	417	424	386	380	374
21 D	374	386	381	355	369	378	379	372	358	354	334	345	345	347	316	317	332	362	389	390	435	430	417	415	370
22	376	373	368	365	350	341	331	351	361	365	361	353	340	337	326	317	322	344	365	383	402	415	400	384	360
23	381	380	386	379	377	375	375	375	373	374	373	368	364	361	348	336	335	353	373	404	409	415	407	393	376
24	388	392	394	397	392	393	396	384	381	383	386	381	375	369	366	359	378	379	392	404	399	410	395	394	387
25	395	394	388	388	386	385	380	376	379	386	389	388	379	373	355	333	328	345	374	389	433	430	420	398	383
26 D	386	368	361	378	386	400	388	384	388	383	384	387	380	378	350	328	388	384	381	409	383	384	419	381	382
27	392	390	386	381	386	376	389	383	399	389	378	373	363	363	349	353	373	395	411	411	405	402	402	401	385
28 Q	395	388	385	384	381	379	380	381	383	386	385	379	381	373	355	352	364	373	387	398	399	399	394	394	382
29 Q	391	386	386	386	388	387	387	381	379	376	376	379	376	373	365	365	363	385	403	412	409	406	399	396	386
30	394	391	390	392	395	394	396	396	388	379	376	373	370	368	350	352	367	384	397	397	404	400	405	390	385
31																									
Mean	388	384	381	379	377	377	371	376	376	375	375	375	368	361	350	344	355	373	388	400	408	406	399	393	378

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 22 Agincourt — D = 7° W + ... ′ — June 1948

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	19.6	14.8	18.0	22.7	32.9	25.9	34.7	19.0	15.0	16.9	18.4	15.1	13.2	13.6	18.3	24.5	36.0	36.5	35.6	32.1	28.0	24.1	23.0	23.3	23.4
2	23.4	24.8	23.9	22.2	16.0	20.6	22.1	19.2	20.9	21.9	16.3	13.6	14.0	16.0	19.4	25.9	29.1	30.2	31.1	29.9	27.2	23.9	21.0	17.6	22.1
3	19.0	20.8	23.2	23.5	23.6	25.4	22.0	21.1	20.7	18.5	16.0	13.9	14.7	17.0	21.1	25.8	27.6	29.5	30.6	30.0	27.4	25.1	23.3	22.4	22.6
4 Q	22.1	22.6	24.9	24.7	24.1	22.9	21.4	20.5	19.3	17.5	15.4	13.9	13.9	17.6	20.5	25.7	28.7	30.2	31.1	30.4	29.4	26.0	24.8	24.1	23.0
5	22.8	23.9	23.3	20.4	15.9	19.0	19.3	19.0	18.4	17.2	14.9	13.0	11.2	16.0	18.1	21.8	25.7	26.6	26.8	26.0	26.0	25.1	24.2	21.8	20.7
6	21.5	21.4	20.9	19.9	20.3	21.7	22.1	19.9	20.2	19.4	19.9	14.5	12.2	13.3	15.1	20.3	24.7	26.0	28.4	30.0	29.1	25.2	23.0	22.6	21.3
7	21.1	21.1	22.9	21.4	20.8	21.1	20.2	20.2	19.0	17.1	15.2	15.2	14.7	17.5	15.7	20.1	25.4	28.4	29.2	28.7	26.5	24.8	22.3	20.0	21.2
8	20.0	21.2	21.4	22.0	21.2	20.6	22.1	21.8	20.8	19.2	16.7	13.0	11.2	10.5	13.4	18.0	23.1	28.3	28.8	26.8	27.0	25.8	23.0	18.6	20.6
9	14.7	18.9	15.4	18.4	19.3	21.3	22.5	22.3	21.9	20.5	18.0	13.0	10.7	10.6	14.3	17.2	26.0	27.5	27.8	28.4	28.6	27.7	25.7	22.2	20.5
10	20.3	19.8	20.4	19.6	17.6	19.2	21.2	22.1	20.3	18.4	15.8	16.0	15.0	14.1	17.6	19.2	22.0	25.4	26.9	28.4	27.4	24.7	21.8	20.9	20.6
11	21.6	21.4	21.1	18.7	19.0	20.1	21.2	21.2	20.4	19.0	16.9	14.9	12.2	11.6	16.5	23.2	26.7	30.1	31.1	26.6	27.1	25.4	24.5	22.6	21.4
12	22.3	20.5	18.3	20.2	21.2	21.5	20.7	20.1	19.3	17.9	17.2	15.7	14.1	16.0	18.6	22.1	24.5	25.5	25.0	25.4	24.7	21.2	20.5	16.9	20.4
13	16.5	18.0	20.6	17.0	14.3	22.3	17.2	16.5	17.4	15.9	11.5	11.0	12.2	14.1	19.6	24.5	27.4	27.4	27.0	26.6	24.6	23.4	24.1	23.8	19.7
14	23.9	23.7	22.9	22.1	22.1	22.0	21.8	21.1	20.4	18.8	16.9	15.0	14.9	16.3	19.0	19.9	22.5	26.3	25.2	23.6	23.0	22.9	23.1	22.7	21.2
15 Q	22.8	22.7	22.0	21.8	20.7	18.4	19.0	22.1	21.6	19.8	18.1	16.0	14.2	14.5	17.7	21.5	25.9	28.5	29.2	27.3	25.6	24.5	22.7	22.0	21.6
16 Q	22.3	22.2	21.8	22.1	21.7	21.4	20.9	20.5	20.0	17.9	15.0	13.6	12.1	12.2	14.8	19.3	23.8	27.7	28.8	27.2	25.5	23.8	21.2	19.7	20.7
17	20.5	22.2	20.2	19.1	20.1	19.4	20.5	20.3	19.1	17.0	14.6	12.1	11.5	14.4	18.8	21.7	28.8	33.1	33.5	36.1	30.1	27.5	23.9	20.9	21.9
18 D	20.1	19.8	20.5	22.8	21.9	22.1	20.5	19.5	16.0	14.7	13.1	10.6	6.9	9.3	11.9	20.4	29.1	29.8	30.2	27.1	25.9	24.3	21.1	17.2	19.8
19 D	19.7	22.5	19.5	18.6	22.5	20.9	14.3	17.3	19.7	17.0	8.8	12.4	10.3	11.0	15.1	21.0	27.0	32.1	33.7	31.3	27.9	25.2	24.2	22.0	20.6
20	20.9	20.5	22.5	22.7	22.8	22.5	20.2	18.9	18.9	15.8	11.8	9.5	9.2	9.7	10.8	13.7	23.9	30.7	34.5	33.0	28.8	25.2	25.4	24.6	20.7
21 D	24.7	24.1	23.0	19.2	23.8	22.8	25.3	20.7	19.8	19.9	29.6	11.9	11.4	15.2	15.9	22.7	27.1	30.2	32.1	32.7	27.6	24.6	20.8	18.3	22.7
22	21.5	22.1	14.4	20.9	15.3	19.8	28.9	22.8	20.5	18.3	16.1	15.0	12.1	11.9	14.6	20.3	28.4	31.7	33.1	31.1	28.3	24.3	23.8	22.6	21.6
23	23.0	23.1	22.3	22.0	21.4	22.4	22.6	21.6	20.3	18.4	14.9	11.6	9.8	10.7	13.8	18.9	24.0	29.8	33.1	33.1	32.4	29.6	23.9	21.7	21.9
24	21.8	23.1	24.2	24.1	25.3	20.8	20.3	20.0	20.3	16.6	14.0	11.7	9.7	9.0	10.6	16.0	22.2	26.3	28.2	28.1	27.6	25.1	23.4	21.6	20.4
25	20.8	20.0	20.4	22.1	23.0	22.7	22.3	21.4	20.3	18.6	14.0	11.3	9.6	14.3	17.5	22.4	28.1	29.7	28.8	30.8	26.1	24.2	23.1	21.8	21.4
26 D	19.0	14.5	18.3	20.9	21.7	22.4	20.9	21.2	21.1	23.2	20.9	14.8	11.5	15.4	14.4	19.1	28.4	23.4	25.5	24.5	25.4	28.9	23.6	23.6	21.0
27	22.5	21.8	20.8	20.4	21.2	24.4	23.1	20.6	24.3	18.1	14.4	12.5	12.4	13.6	17.8	23.1	25.5	25.3	25.6	24.7	25.7	23.6	23.3	22.7	21.1
28 Q	21.7	22.1	21.7	21.8	22.1	21.8	21.6	20.9	20.9	19.2	18.1	16.9	16.2	16.5	18.3	23.9	27.2	28.8	27.7	27.6	27.2	26.8	25.9	24.1	22.4
29 Q	22.7	22.1	22.4	22.1	21.4	20.3	20.0	21.9	20.9	19.7	18.1	16.6	14.2	14.0	16.3	20.8	25.9	28.8	30.5	28.5	26.9	25.6	24.0	23.4	22.0
30	23.0	22.6	22.6	22.6	21.7	21.8	22.7	21.8	20.3	17.7	14.4	12.3	12.1	13.0	16.5	23.6	26.2	27.3	27.2	27.2	25.0	24.5	22.7	22.2	21.3
31																									
Mean	21.2	21.2	21.1	21.2	21.2	21.5	21.7	20.4	19.9	18.3	16.2	13.5	12.2	13.6	16.3	21.2	26.3	28.7	29.5	28.7	27.0	25.1	23.2	21.5	21.3

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 23 Agincourt — Z = 56,000 γ + — June 1948

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	355	353	338	281	218	253	185	303	331	331	319	323	325	320	329	333	341	348	356	353	363	361	344	336	321
2	330	326	326	325	317	291	278	307	320	323	325	325	328	329	327	324	327	331	338	338	342	343	347	350	326
3	344	337	333	331	327	315	318	326	327	330	331	324	319	315	315	318	315	318	316	317	325	326	326	330	324
4 Q	331	328	325	324	323	324	324	324	322	324	324	324	317	319	320	314	313	315	315	322	334	337	337	332	324
5	331	325	325	319	307	317	318	323	322	320	320	323	318	313	310	305	310	313	310	317	323	321	324	325	318
6	321	318	318	316	318	315	314	298	311	316	307	297	298	294	292	287	284	298	313	319	319	321	327	324	310
7	324	321	319	317	318	316	314	315	318	321	319	317	313	300	299	297	300	310	315	315	326	337	345	342	317
8	334	327	324	320	315	314	316	317	320	324	322	320	320	317	309	305	302	308	307	322	338	352	355	354	322
9	352	338	329	329	325	322	320	318	322	325	326	326	326	324	320	316	319	318	317	323	332	337	332	331	326
10	328	325	322	319	308	302	291	293	311	318	321	318	314	317	320	314	316	320	320	326	328	327	325	322	317
11	319	319	320	315	311	314	315	316	318	319	326	319	316	313	313	313	308	308	311	308	314	316	319	319	315
12	316	314	314	312	314	312	313	313	315	317	320	319	319	317	306	299	296	305	319	328	329	335	334	350	317
13	351	334	329	321	281	276	289	306	315	318	317	316	309	305	303	292	295	305	319	334	344	333	326	323	314
14	319	319	317	316	316	316	315	315	317	320	318	319	321	319	315	311	310	315	317	320	322	321	321	321	317
15 Q	320	319	319	318	317	315	312	313	312	317	318	320	321	318	320	315	310	314	320	324	320	318	320	319	317
16 Q	317	315	315	315	315	316	315	313	315	317	320	320	320	320	316	316	320	317	319	322	322	322	327	327	319
17	325	322	321	316	305	310	313	315	318	319	315	313	310	313	313	312	312	309	320	319	329	335	339	334	318
18 D	329	327	326	325	327	325	323	324	320	320	314	307	303	302	299	292	295	297	316	339	359	375	397	391	326
19 D	389	391	365	338	340	325	304	279	253	244	294	327	341	340	334	336	345	346	340	336	334	338	337	333	329
20	338	342	335	329	332	334	327	322	327	326	332	326	319	318	322	319	322	328	321	321	330	348	359	356	330
21 D	340	334	337	345	338	324	293	296	320	313	268	294	301	306	307	314	316	324	356	376	405	396	387	394	333
22	360	347	327	298	303	310	285	305	335	334	336	328	320	321	326	334	335	333	331	330	334	334	334	334	326
23	328	324	327	326	323	321	323	323	325	327	328	327	323	322	322	313	313	318	323	327	330	340	341	340	326
24	334	329	328	328	316	317	321	321	324	327	330	330	329	316	314	310	304	304	301	316	318	324	328	328	321
25	324	324	325	321	316	317	318	319	320	325	327	322	316	314	318	322	324	322	326	333	353	360	369	357	328
26 D	363	353	342	334	324	287	286	315	322	318	307	310	314	316	310	315	323	321	316	333	340	330	340	335	323
27	333	327	328	326	318	271	291	283	269	304	316	318	317	316	316	320	320	324	321	322	319	321	326	327	314
28 Q	323	321	320	320	319	318	316	316	320	323	327	322	321	316	321	320	320	316	308	316	322	326	327	324	320
29 Q	319	318	317	317	318	316	316	316	316	320	321	323	318	313	311	308	310	311	306	310	312	311	312	315	315
30	314	317	318	315	315	315	311	311	308	314	317	317	314	315	311	314	313	308	305	311	317	325	334	328	315
31																									
Mean	334	330	327	321	315	310	306	312	316	319	319	319	318	316	315	313	314	317	320	326	333	336	338	337	321

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 24 Agincourt — June 1948

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	20	31	421	6	28	043	378	6	25	62.3	13	17	-1.0	63.3	21	32	368	6	30	074	294
2	23	55	414	15	13	328	86	1	30	37.9	11	15	13.0	24.9	23	34	355	6	25	268	87
3	0	01	406	15	15	321	85	19	04	31.8	11	37	12.9	18.9	0	20	346	5	55	307	39
4 Q	20	45	417	15	50	348	69	18	14	32.9	12	19	13.2	19.7	21	45	341	18	08	310	31
5	18	30	421	14	42	343	78	16	55	27.6	12	20	10.2	17.4	0	15	332	4	37	304	28
6	21	45	411	14	55	339	72	19	13	30.9	12	39	11.5	19.4	22	45	330	15	57	280	50
7	20	07	432	16	26	355	77	19	10	30.5	12	03	12.7	17.8	22	32	346	13	48	295	51
8	19	52	447	16	38	357	90	18	30	29.6	13	46	9.2	20.4	22	11	358	16	38	298	60
9	21	00	419	15	30	337	82	19	55	29.5	0	42	9.0	20.5	0	42	357	15	40	314	43
10	21	20	416	16	02	340	76	19	46	29.5	13	10	13.0	16.5	20	14	331	6	55	281	50
11	19	27	432	14	33	344	88	18	02	32.1	13	24	11.4	20.7	10	18	325	19	19	304	21
12	21	23	460	15	17	316	144	19	23	27.2	12	23	13.9	13.3	23	38	354	16	03	293	61
13	18	55	429	15	10	328	101	16	57	28.9	4	04	7.4	21.5	0	17	356	4	55	267	89
14	20	35	414	15	30	349	65	17	20	27.3	12	22	14.8	12.5	20	30	325	16	22	309	16
15 Q	20	56	422	14	43	351	71	18	01	30.0	13	33	13.9	16.1	19	06	325	16	27	309	16
16 Q	20	04	429	15	18	357	72	18	03	29.6	12	45	11.6	18.0	23	14	330	14	25	312	18
17	20	33	445	16	30	339	106	19	43	37.5	12	20	9.0	28.5	22	20	344	4	24	302	42
18 D	19	50	435	16	13	328	107	18	12	32.3	12	48	5.5	26.8	22	41	409	15	49	289	120
19 D	0	09	417	9	04	276	141	18	07	35.9	10	26	5.2	30.7	0	55	392	9	00	232	160
20	21	12	438	15	50	329	109	18	56	35.4	12	07	7.8	27.6	22	47	364	12	48	315	49
21 D	20	38	450	16	01	298	152	10	22	35.4	11	55	9.6	25.8	20	40	412	10	32	246	166
22	21	58	422	15	30	312	110	6	33	35.2	2	55	5.6	29.6	0	01	379	6	56	272	107
23	21	58	420	16	45	332	88	19	08	34.4	12	04	9.1	25.3	21	58	343	15	47	310	33
24	21	22	426	15	00	358	68	20	19	30.2	12	38	8.3	21.9	0	01	336	18	18	298	38
25	21	04	452	16	11	327	125	19	42	32.1	12	08	9.3	22.8	22	35	372	12	50	311	61
26 D	22	22	467	15	37	308	159	16	05	34.3	1	00	8.0	26.3	0	35	370	5	55	245	125
27	18	53	466	14	22	340	126	8	15	29.0	12	06	10.8	18.2	0	35	336	8	16	253	83
28 Q	19	47	404	15	11	349	55	17	37	29.5	12	45	15.4	14.1	22	17	328	18	25	306	22
29 Q	19	40	417	16	07	358	59	18	05	31.2	13	22	12.9	18.3	11	25	322	18	30	304	18
30	22	44	414	14	53	344	70	19	44	28.6	13	05	11.7	16.9	22	47	336	18	08	303	33
31																					
Mean			429			325	104			32.6			10.1	22.5			351			284	67
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 1948

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	401	401	399	378	374	369	371	377	378	380	385	378	369	365	360	358	364	368	383	399	409	410	406	385	382
2	386	392	386	380	377	378	381	383	378	381	381	371	353	345	342	339	347	379	405	412	431	417	399	389	381
3	386	389	394	395	394	395	390	400	393	394	395	399	384	376	357	368	390	390	392	385	392	395	402	405	390
4 D	406	395	393	386	388	388	394	399	373	374	373	376	363	360	355	338	343	378	392	426	453	394	424	456	388
5	399	368	368	378	373	386	385	383	383	382	385	373	348	338	337	334	363	382	384	396	393	400	415	426	378
6	372	364	374	379	380	383	384	383	382	382	372	362	353	341	336	333	338	359	373	391	398	399	396	393	372
7	396	389	385	385	398	402	393	402	403	398	393	385	374	361	347	331	344	366	382	392	399	394	398	396	384
8	395	379	384	376	382	372	384	379	377	368	360	363	359	337	320	315	331	343	374	374	385	387	381	384	367
9	382	385	385	385	375	378	380	385	378	377	370	372	371	362	338	321	326	344	378	396	406	425	400	389	376
10	385	387	390	390	394	399	380	389	378	375	377	372	374	359	346	357	369	384	416	432	431	419	410	398	388
11	394	392	387	394	394	388	392	399	394	398	396	388	385	368	351	341	349	374	398	421	413	404	410	384	388
12	378	367	372	362	367	372	377	379	380	378	378	364	358	349	352	344	350	354	367	378	393	400	413	399	372
13	394	385	387	376	370	376	379	385	382	383	378	366	362	372	351	335	336	354	370	391	400	416	405	405	378
14 D	413	375	382	387	388	395	401	393	375	365	370	371	372	345	336	341	370	391	410	418	421	411	415	396	385
15	389	383	382	375	374	380	379	382	386	385	380	381	362	348	344	351	372	391	409	414	403	404	393	410	382
16	403	394	394	391	401	391	369	374	351	379	375	362	345	344	351	339	357	378	393	401	414	421	401	399	380
17	394	401	380	374	372	380	364	372	370	372	374	367	358	344	329	312	324	354	378	394	399	397	389	388	370
18	387	389	395	377	372	377	381	378	374	362	367	366	360	352	345	365	377	385	391	393	409	403	397	395	379
19 Q	396	387	385	388	385	380	377	375	372	365	369	374	365	354	336	327	341	365	382	395	404	411	410	408	377
20 Q	405	398	393	396	388	385	384	384	382	379	379	378	367	359	353	355	370	387	399	408	398	411	420	413	387
21	403	393	388	388	388	383	387	386	383	384	383	385	387	379	368	359	371	382	374	403	414	404	403	387	387
22 Q	379	382	377	377	374	382	383	391	382	377	379	371	372	352	342	335	351	371	392	403	409	412	403	398	379
23 Q	392	386	384	376	384	384	384	387	384	379	374	368	364	367	372	376	382	384	393	410	415	414	402	415	386
24 Q	393	383	384	377	376	380	383	386	384	390	387	383	373	363	352	348	352	370	390	398	406	403	400	392	381
25	390	393	396	386	390	391	383	381	386	391	381	377	374	365	361	369	384	384	387	398	398	398	400	394	385
26	390	382	387	383	377	375	376	377	386	392	386	386	395	386	375	377	393	407	423	418	423	423	392	386	392
27	390	390	387	392	388	376	379	384	384	381	382	371	367	356	346	344	380	405	413	408	409	407	400	397	385
28	389	387	388	391	387	379	381	384	384	384	386	381	376	366	357	353	369	393	412	422	421	420	420	412	390
29 D	394	369	383	383	375	350	360	362	362	352	342	347	358	348	343	340	340	347	360	368	380	397	392	388	364
30 D	383	383	374	369	371	383	377	382	376	380	381	383	376	352	348	354	379	392	392	401	368	384	383	418	379
31 D	386	373	352	361	351	373	376	360	377	376	351	340	371	366	345	342	331	357	372	377	390	388	382	384	366
Mean	392	385	385	382	381	382	381	383	380	380	377	373	368	358	348	345	359	375	390	401	406	405	402	400	381

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 26 Agincourt D = 7° W + ... ′ July 1948

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	20.8	19.4	19.1	21.2	19.0	19.5	18.5	19.5	19.4	18.1	15.4	13.3	11.9	12.3	15.1	18.4	23.9	29.4	32.2	30.8	28.5	26.3	23.2	21.4	20.7
2	21.2	22.3	23.6	23.2	22.1	20.3	20.6	20.6	19.7	17.6	14.2	11.4	9.9	10.2	17.1	22.7	30.0	32.4	31.8	29.9	28.9	27.2	25.0	23.0	21.9
3	23.5	22.8	22.6	22.2	21.6	22.1	19.9	19.4	19.1	17.2	15.1	10.6	6.7	5.0	8.3	15.0	16.7	21.3	26.7	27.2	28.2	27.2	23.5	20.9	19.3
4 D	20.1	21.9	21.8	22.0	21.4	22.0	21.2	25.4	26.7	18.1	13.3	8.8	8.5	12.6	17.1	22.4	26.3	28.7	30.6	27.2	23.6	24.2	21.2	16.5	20.9
5	18.0	15.5	21.7	22.4	19.9	21.8	20.1	22.1	21.5	19.1	16.2	13.1	11.3	12.7	15.1	22.1	27.2	28.4	30.2	29.1	26.2	24.2	20.8	15.7	20.6
6	16.0	19.2	21.7	22.4	22.6	22.0	22.1	24.0	27.4	19.1	18.1	14.8	12.9	14.1	16.0	19.5	23.6	27.9	29.4	30.7	28.7	25.9	23.1	21.3	21.8
7	21.5	21.5	22.1	22.7	19.7	17.5	18.1	19.1	19.0	17.1	16.9	14.5	10.0	9.0	12.8	17.9	25.9	30.2	30.4	30.6	29.9	27.3	22.8	20.8	20.7
8	18.9	18.1	18.6	19.9	21.6	26.2	22.1	21.3	25.0	20.8	15.3	11.4	8.7	9.7	14.0	19.1	26.9	30.0	31.7	31.3	28.4	25.9	23.6	22.1	21.2
9	22.4	22.7	22.4	22.7	20.9	20.9	23.6	22.2	21.7	20.5	24.0	20.6	11.8	10.8	13.4	19.1	25.5	27.9	29.1	27.9	26.3	22.4	19.9	19.4	21.6
10	20.4	21.6	21.7	22.4	21.0	17.0	24.1	20.3	20.0	20.2	14.1	19.5	11.7	10.0	15.1	19.5	22.4	27.2	28.7	25.9	25.1	23.6	21.6	20.6	20.6
11	21.7	22.7	23.3	22.6	22.1	21.3	21.1	21.2	19.4	17.2	16.2	14.5	13.1	12.2	13.5	18.1	23.1	26.9	28.2	25.9	25.1	23.1	20.5	19.9	20.5
12	19.9	19.6	19.1	20.0	19.5	21.7	20.9	24.4	20.6	18.8	15.8	12.6	11.7	12.2	14.2	18.5	22.9	25.8	28.3	28.2	26.0	23.0	21.8	21.6	20.3
13	21.7	21.8	20.9	18.0	13.6	17.0	20.3	21.6	24.4	23.4	18.8	16.7	18.1	17.6	16.6	19.4	24.9	27.5	27.6	27.2	26.2	23.6	22.7	21.1	21.2
14 D	19.0	17.1	19.9	19.8	20.0	20.2	24.4	16.2	16.3	18.1	16.2	9.3	11.3	15.4	19.4	26.3	27.7	27.0	27.3	26.4	25.1	22.2	20.0	22.1	20.3
15	24.0	23.6	21.8	22.1	21.2	22.6	21.2	20.0	19.9	18.8	16.6	14.2	12.4	13.9	17.5	22.8	25.9	27.1	26.3	24.2	21.8	20.6	19.5	20.1	20.8
16	21.8	23.2	24.8	21.1	20.4	19.0	14.8	16.3	24.9	15.3	10.3	8.8	10.9	18.8	23.2	26.7	30.9	31.2	30.9	30.3	27.0	24.2	24.2	23.7	21.8
17	24.9	22.7	22.1	28.1	19.3	19.0	15.4	18.1	19.1	18.6	15.1	12.6	12.6	13.5	16.0	20.6	26.2	29.2	28.5	28.1	25.7	25.0	23.1	23.1	21.1
18	23.1	23.1	21.9	20.7	22.5	21.7	21.7	21.1	18.8	15.8	15.3	12.0	11.4	13.9	18.1	23.6	24.3	26.9	30.0	29.3	26.4	25.3	24.5	24.1	21.5
19 Q	23.7	21.9	24.0	23.6	23.6	22.2	20.8	20.3	18.4	15.4	13.5	11.1	11.3	13.0	17.0	23.6	29.7	32.9	32.7	30.2	28.2	25.4	23.1	22.4	22.0
20 Q	22.6	22.7	23.1	23.9	21.8	21.7	21.3	20.5	19.4	18.1	16.3	14.4	13.0	16.2	19.0	22.6	25.3	26.7	27.9	28.3	28.6	27.4	25.8	24.8	22.1
21	20.0	22.7	23.9	23.1	22.1	21.8	20.7	19.6	19.3	17.8	15.1	12.6	11.7	13.5	16.1	19.4	21.7	25.2	28.8	27.9	28.2	27.5	24.1	21.4	21.0
22 Q	21.1	21.8	20.9	21.3	19.3	22.1	25.4	20.8	20.0	19.1	16.5	15.3	14.1	14.5	18.6	23.0	26.6	27.2	25.9	24.3	22.4	20.8	19.9	19.9	20.9
23 Q	20.1	21.7	21.7	21.6	20.9	21.0	21.1	20.8	23.1	20.6	16.0	12.9	12.5	14.2	17.9	22.7	25.9	26.8	26.9	26.7	25.7	23.2	21.8	19.1	21.1
24 Q	19.4	21.0	21.3	18.1	20.9	19.9	20.9	21.7	20.3	18.9	16.8	14.2	12.6	14.4	17.4	21.9	24.3	27.2	28.2	27.2	25.8	24.3	22.3	21.8	20.9
25	22.3	22.2	20.9	21.7	22.7	21.2	20.4	19.9	20.1	18.1	13.1	12.0	14.8	18.9	23.3	26.8	29.7	28.8	29.1	25.3	22.8	20.6	20.2	19.5	21.4
26	20.9	22.6	22.2	20.4	18.5	17.6	17.8	17.5	19.5	18.0	19.4	20.9	14.3	16.0	20.1	25.7	29.7	27.6	27.7	27.2	25.6	23.6	22.4	22.4	21.6
27	23.1	23.6	22.7	21.7	21.1	19.6	20.1	19.3	19.1	18.1	16.7	13.9	13.0	15.8	19.3	23.1	27.8	29.7	28.4	27.6	26.6	25.6	24.3	23.1	21.8
28	23.7	23.6	22.5	22.1	21.8	21.0	20.9	20.3	21.0	20.0	17.6	15.1	13.1	13.0	16.3	23.9	29.3	31.2	33.3	32.5	29.3	25.1	23.1	21.9	22.6
29 D	22.4	23.1	22.7	17.7	11.8	14.4	24.5	19.7	18.8	15.3	18.2	15.0	11.7	6.9	13.8	20.4	23.4	26.4	27.9	28.1	27.2	25.4	24.9	24.5	20.1
30 D	23.6	22.2	17.2	16.8	18.1	16.2	11.4	19.1	18.8	18.7	14.9	11.4	11.5	12.2	18.1	23.1	25.0	26.3	27.6	25.0	27.6	25.4	25.1	19.7	19.8
31 D	15.8	16.2	12.2	14.0	13.1	16.9	20.7	25.0	19.4	20.4	19.6	31.2	13.6	16.2	15.9	24.1	27.2	28.7	25.1	24.0	21.8	22.6	21.8	20.8	20.2
Mean	21.2	21.4	21.4	21.2	20.1	20.2	20.5	20.6	20.6	18.4	16.1	14.1	12.0	13.1	16.6	21.7	25.8	28.1	29.0	27.9	26.3	24.4	22.6	21.2	21.0

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 27 Agincourt — Z = 56,000 γ + — July 1948

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	328	325	305	311	312	311	317	321	320	322	322	321	321	317	317	314	315	317	317	326	335	341	348	341	322
2	328	325	324	327	324	322	323	323	322	324	323	317	309	305	305	303	305	302	307	316	327	328	329	329	319
3	324	320	320	316	317	317	316	317	318	318	317	311	308	307	307	309	318	315	312	312	318	322	326	329	317
4 D	326	320	319	318	317	317	314	295	261	296	308	311	308	311	302	289	289	296	305	322	344	352	358	385	315
5	384	358	342	329	320	309	317	322	324	327	325	325	319	314	311	317	315	314	312	315	318	325	331	354	326
6	355	341	328	321	317	317	311	302	289	302	307	305	308	307	307	301	302	306	307	315	324	325	323	319	314
7	317	317	318	317	311	299	311	317	313	311	307	300	301	308	314	315	317	312	316	322	326	322	326	324	314
8	325	323	321	314	317	284	252	245	237	259	282	291	302	305	302	309	317	322	323	324	329	329	324	323	302
9	317	318	317	315	313	312	311	311	317	319	311	299	308	311	311	311	311	307	317	322	328	336	331	324	316
10	323	319	318	314	314	281	263	279	288	278	295	286	289	298	302	305	313	319	325	331	329	329	320	317	306
11	318	316	314	313	314	313	315	312	312	313	308	306	303	300	300	306	308	312	315	326	332	335	342	338	316
12	335	332	328	323	325	316	315	296	313	320	322	320	318	315	314	319	318	321	323	323	324	324	329	326	321
13	325	324	320	312	300	299	309	315	315	312	309	303	302	303	308	309	313	318	323	326	325	329	323	326	315
14 D	332	338	325	325	315	289	270	281	300	304	295	292	297	300	312	318	324	324	328	335	335	338	342	333	315
15	332	331	330	326	324	320	318	318	318	318	318	317	319	319	318	322	318	318	319	324	330	333	332	335	323
16	336	331	330	318	306	267	274	289	271	298	310	312	309	306	303	300	306	312	316	315	315	321	315	315	308
17	313	319	329	295	312	312	317	323	320	324	319	319	321	320	321	321	312	315	323	333	332	331	323	320	320
18	318	318	318	321	323	319	318	312	306	309	309	305	303	302	300	300	300	307	317	322	332	334	329	323	315
19 Q	323	324	320	319	319	319	318	317	318	322	326	325	320	318	318	316	312	318	322	323	323	323	319	318	320
20 Q	318	316	316	313	312	313	313	313	313	313	316	318	315	312	306	302	298	296	300	308	309	317	321	326	312
21	327	322	318	315	312	312	313	312	312	315	318	318	318	320	321	309	299	299	303	309	324	329	335	331	316
22 Q	323	321	318	315	311	306	281	282	302	315	318	312	310	306	309	309	309	319	323	322	318	320	323	320	312
23 Q	319	315	317	314	313	314	313	312	308	305	308	308	308	312	310	303	300	306	312	322	327	328	324	328	314
24 Q	326	324	322	315	317	313	314	313	314	317	317	318	317	312	311	311	307	312	317	323	326	325	322	320	317
25	317	313	312	314	316	311	308	307	311	305	296	299	302	305	308	308	299	302	314	319	323	325	327	325	311
26	322	319	319	315	316	311	310	311	317	314	307	289	291	293	295	298	304	305	304	305	311	321	322	319	309
27	315	311	311	311	311	317	318	315	314	316	317	311	307	310	311	309	312	312	305	307	316	315	314	313	312
28	312	309	309	311	310	311	311	314	312	314	316	316	312	309	309	305	302	305	312	308	308	311	317	325	311
29 D	331	321	317	305	279	292	260	246	275	276	243	235	252	285	298	314	313	311	319	325	325	325	322	312	295
30 D	312	315	319	314	314	299	258	271	282	305	317	317	317	312	309	299	300	308	311	324	342	346	334	348	311
31 D	352	343	330	305	266	311	314	272	267	291	279	258	293	314	317	323	319	326	323	331	342	335	329	329	311
Mean	327	323	320	315	312	307	303	302	302	308	308	305	307	308	308	308	308	311	315	320	325	328	327	328	314

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 28 Agincourt — July 1948

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	22	05	421	15	50	357	64	18	55	33.0	13	55	11.6	21.4	22	30	350	2	50	299	51
2	20	45	443	15	09	333	110	17	50	32.6	12	58	9.0	23.6	0	01	336	15	08	300	36
3	7	35	411	15	06	342	69	20	23	29.0	13	07	2.6	26.4	23	04	330	14	16	303	27
4 D	23	20	477	15	23	333	144	18	07	33.1	12	23	6.7	26.4	23	59	425	8	30	243	182
5	23	05	451	15	09	320	131	18	07	30.3	12	20	9.8	20.5	0	01	423	5	40	296	127
6	0	01	473	15	20	328	145	18	52	30.8	12	22	11.5	19.3	0	01	366	8	28	285	81
7	20	05	411	15	27	316	95	18	58	32.1	13	05	8.4	23.7	20	04	330	5	22	294	36
8	0	15	400	15	15	310	90	19	20	32.4	13	22	6.9	25.5	20	55	331	8	17	214	117
9	21	25	435	16	03	313	122	18	40	29.6	13	38	9.2	20.4	21	26	341	11	18	299	42
10	19	44	441	14	15	334	107	18	00	30.0	13	34	7.4	22.6	19	35	334	6	34	253	81
11	19	30	428	15	42	334	94	18	37	29.3	13	31	11.2	18.1	22	30	342	13	58	295	47
12	22	45	423	15	19	338	85	18	31	29.7	13	03	10.0	19.7	0	40	336	7	45	285	51
13	0	01	431	16	17	326	105	19	07	29.0	4	58	10.0	19.0	19	39	330	5	31	293	37
14 D	20	46	432	15	22	321	111	6	02	29.0	12	00	5.9	23.1	22	10	345	6	00	253	92
15	19	52	425	14	43	338	87	16	55	28.0	13	00	11.2	16.8	21	05	336	17	48	313	23
16	21	10	438	15	16	332	106	16	34	33.3	11	23	8.3	25.0	0	31	339	5	53	241	98
17	20	07	413	15	42	300	113	3	55	35.4	11	32	11.7	23.7	19	50	337	3	52	253	84
18	20	22	413	14	23	342	71	19	11	30.8	12	11	10.6	20.2	21	04	336	14	50	300	36
19 Q	20	57	417	15	25	325	92	18	15	34.3	11	47	10.7	23.6	11	19	326	16	55	312	14
20 Q	21	16	429	14	53	349	80	20	12	29.3	12	23	12.5	16.8	23	59	330	17	43	292	38
21	20	30	421	19	53	335	86	18	45	30.8	12	43	10.4	20.4	22	32	336	17	14	297	39
22 Q	21	15	465	15	27	329	136	17	00	27.8	13	04	13.2	14.6	0	02	326	6	48	269	57
23 Q	23	19	422	12	50	358	64	16	55	27.3	12	53	11.5	15.8	20	46	330	16	00	300	30
24 Q	20	42	409	16	08	344	65	18	30	28.9	12	18	11.9	17.0	20	14	327	14	46	307	20
25	22	27	402	14	15	356	46	18	07	30.8	11	00	10.0	20.8	22	22	327	10	50	294	33
26	18	26	434	15	52	366	68	16	18	30.8	13	20	13.1	17.7	21	47	325	11	35	282	43
27	18	11	418	15	20	336	82	17	15	30.3	12	23	12.3	18.0	10	14	319	18	56	304	15
28	22	19	439	15	15	349	90	18	16	35.0	13	17	11.5	23.5	23	39	332	20	00	302	30
29 D	0	10	422	10	37	316	106	6	37	33.5	13	30	5.4	28.1	0	15	336	6	50	197	139
30 D	23	11	434	13	51	334	100	18	32	29.5	6	16	7.1	22.4	23	59	357	6	03	251	106
31 D	21	21	407	14	56	289	118	11	17	39.8	12	33	9.8	30.0	0	15	358	7	52	243	115
Mean			428			332	96			31.1			9.7	21.4			342			280	62
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 1948

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	386	370	364	370	365	365	380	376	375	368	360	360	361	356	351	351	359	370	378	392	406	423	418	428	374
2	382	375	376	381	375	377	382	365	370	366	367	365	349	342	353	338	341	356	372	384	399	382	391	388	370
3	382	379	380	380	375	370	365	365	362	371	366	375	368	351	319	315	325	346	362	381	396	377	379	379	365
4	377	380	371	366	372	372	377	380	381	374	333	330	335	346	333	338	345	345	375	369	388	385	380	372	363
5	368	374	377	363	375	376	382	380	380	381	376	365	356	348	341	341	360	381	391	401	401	394	389	386	374
6	382	385	385	389	390	395	386	381	376	375	384	385	376	364	324	316	364	371	370	376	382	382	385	381	375
7	384	390	387	398	374	369	381	386	391	390	393	382	372	359	361	351	354	363	373	385	394	400	392	401	380
8 D	399	377	355	361	302	192	-213	-133	-318	027	101	232	156	195	207	226	298	343	385	476	599	769	666	475	270
9 D	388	323	330	298	295	311	326	311	304	293	302	298	290	313	323	307	316	313	360	386	416	446	478	413	339
10 D	372	350	336	331	324	236	-076	109	068	200	219	281	300	287	283	271	257	300	472	433	408	381	356	344	285
11 D	341	352	342	346	351	353	346	308	334	348	344	344	342	328	310	304	333	358	378	389	387	403	379	355	349
12	360	348	339	349	356	363	303	236	249	290	316	327	316	336	329	329	350	370	373	415	418	365	394	378	342
13	355	349	348	341	343	339	349	348	343	328	340	347	342	340	326	329	330	348	369	383	378	374	369	369	349
14	365	363	365	368	360	361	360	363	360	359	354	332	324	328	312	293	318	357	368	390	380	384	385	373	355
15	360	365	365	369	368	368	368	364	367	364	357	355	343	327	316	323	349	367	384	380	385	362	371	370	360
16 Q	368	369	369	369	367	369	365	365	364	359	359	354	344	333	323	315	322	349	370	384	385	389	379	375	360
17 Q	375	375	374	374	374	374	374	374	371	365	364	361	352	338	329	335	348	366	380	380	390	393	389	375	368
18 Q	375	372	371	370	371	370	374	372	364	363	364	360	352	343	337	346	359	374	393	401	395	382	384	380	370
19	378	378	381	380	380	376	377	379	378	375	375	372	358	337	321	323	345	362	378	402	426	420	417	413	376
20 D	407	399	374	359	318	316	342	365	363	359	363	339	312	307	340	332	330	334	347	379	384	358	373	390	354
21	375	371	371	378	354	359	355	357	353	348	332	324	330	302	317	310	320	324	349	345	385	385	359	365	348
22	365	365	365	369	369	365	365	366	368	359	365	360	349	335	319	315	328	349	374	395	397	420	389	367	363
23	378	388	350	347	362	371	370	367	366	360	359	353	352	338	311	304	313	329	349	371	381	390	390	383	358
24	383	384	374	368	360	364	360	364	355	352	363	366	352	334	299	290	294	330	352	374	384	379	376	373	356
25	379	378	383	383	371	375	376	377	369	365	362	361	350	329	324	329	338	355	380	394	413	400	375	375	368
26 Q	375	375	376	380	379	376	375	375	374	371	375	370	357	339	322	325	343	352	365	375	385	379	384	386	367
27 Q	385	384	382	381	381	382	381	380	379	379	377	376	371	356	337	331	338	347	357	369	387	387	395	388	372
28	390	394	390	389	384	380	375	374	373	360	365	371	360	348	332	332	349	369	381	383	404	383	381	362	372
29	365	366	367	356	355	354	364	369	356	347	363	367	347	355	352	356	343	366	383	374	373	374	369	369	362
30	355	352	345	354	359	336	344	348	354	376	350	329	328	329	324	319	317	329	347	359	375	376	373	374	346
31	364	368	368	369	368	375	363	354	351	363	367	369	368	354	343	332	339	341	345	363	375	388	394	379	362
Mean	375	371	367	366	360	354	332	336	328	341	345	349	339	332	323	320	333	351	373	387	399	401	395	381	357

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 30 Agincourt D = 7° W + ... ′ August 1948

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	21.3	19.8	17.8	19.4	18.9	18.1	21.7	20.8	25.8	21.3	20.8	21.7	19.1	19.0	21.7	25.4	28.6	29.4	30.0	28.5	25.7	22.6	20.7	22.4	22.5
2	20.4	17.6	21.8	23.2	20.3	18.7	21.7	24.0	19.8	20.9	21.7	15.2	13.3	18.8	18.1	22.7	28.6	27.8	27.6	26.2	24.8	24.5	22.8	22.1	21.8
3	22.6	22.7	22.9	19.5	18.0	19.7	18.4	21.3	16.3	19.9	21.6	16.0	13.5	14.2	19.1	25.4	27.8	31.4	33.7	30.9	26.9	24.0	21.4	20.3	22.0
4	21.2	21.0	17.8	18.6	20.3	20.5	21.1	24.1	23.1	19.1	27.5	18.5	18.8	14.0	12.5	21.8	27.0	28.7	29.0	31.2	27.8	25.2	21.8	20.7	22.1
5	21.5	20.4	21.3	14.5	16.2	20.0	20.9	21.3	20.9	20.1	18.5	18.6	16.2	15.9	20.3	26.3	31.3	33.4	33.5	31.3	29.1	24.6	22.1	21.8	22.5
6	22.1	22.7	23.0	22.4	21.5	25.1	21.5	20.0	20.0	18.1	17.6	14.4	13.6	14.0	16.2	23.1	31.2	28.1	26.9	25.4	23.9	22.1	20.8	19.9	21.4
7	20.0	21.2	22.1	15.1	13.2	12.5	7.9	16.2	17.2	19.6	20.8	16.0	16.0	21.3	24.0	24.7	26.6	29.7	31.0	30.0	27.3	23.7	21.1	17.5	20.6
8 D	16.3	17.5	13.8	16.8	31.5	26.1	61.1	16.5	9.5	24.9	21.1	14.4	19.0	13.8	22.4	34.6	28.1	27.6	25.7	17.9	7.5	6.9	4.9	13.0	20.4
9 D	13.8	16.5	24.2	26.5	21.7	17.1	18.8	18.2	22.8	26.4	18.0	12.4	16.7	15.9	22.5	25.6	29.9	29.4	28.7	33.2	30.0	28.8	15.4	19.0	22.1
10 D	24.9	14.0	19.9	17.0	15.3	15.3	55.2	30.8	8.8	11.2	22.1	17.1	10.7	13.5	14.8	22.1	31.0	30.0	28.6	26.1	24.2	25.9	26.8	27.2	22.1
11 D	27.2	22.9	24.8	25.4	24.7	23.6	25.5	13.0	21.1	19.7	16.7	15.0	17.1	19.4	21.9	28.2	29.8	29.0	27.2	27.5	28.2	27.2	24.5	26.6	23.6
12	25.4	21.7	14.6	23.6	22.4	31.9	28.8	36.1	30.8	27.2	22.8	13.3	17.7	17.5	21.0	26.3	27.6	26.7	27.2	23.7	16.3	24.1	21.8	18.7	23.6
13	23.1	21.4	17.1	20.9	11.1	15.4	20.8	20.9	24.8	21.7	17.1	14.5	14.5	16.3	20.0	28.2	31.5	32.0	31.2	31.1	30.2	27.9	24.3	24.1	22.5
14	24.8	24.2	23.6	23.5	23.6	23.1	23.0	22.4	21.7	20.7	18.6	17.9	18.1	17.2	17.2	24.6	29.7	31.7	34.5	31.1	31.3	28.2	25.9	25.3	24.2
15	24.6	24.9	23.6	20.7	21.7	22.2	22.1	21.1	22.1	20.4	19.0	17.4	15.9	15.9	18.2	24.2	26.8	28.1	28.6	27.2	26.3	25.3	24.1	23.5	22.7
16 Q	23.1	23.1	22.2	22.7	23.7	23.1	23.1	22.1	21.8	21.0	19.3	16.2	15.3	16.0	19.5	24.8	29.3	32.4	33.1	31.1	28.4	26.1	24.8	24.1	23.6
17 Q	24.2	24.6	24.0	23.6	23.2	23.6	23.0	22.5	22.1	20.9	19.1	17.5	15.7	15.1	19.1	24.5	29.2	33.8	35.4	33.6	30.3	26.9	23.6	22.2	24.1
18 Q	24.0	24.5	24.8	24.0	24.2	23.6	22.9	22.1	21.5	21.2	17.6	13.7	14.7	18.1	24.5	31.5	35.9	38.7	39.6	36.9	33.2	27.9	24.4	24.0	25.6
19	24.5	24.8	24.1	23.9	23.5	23.0	22.7	22.1	20.9	20.0	18.1	14.6	12.7	14.4	20.1	28.0	32.8	36.7	36.7	32.4	28.5	24.8	23.9	21.6	24.0
20 D	21.5	16.3	16.0	16.4	14.9	36.1	19.1	15.8	18.2	15.1	6.2	3.0	3.3	11.0	22.7	22.0	27.1	31.1	32.7	30.9	27.9	26.4	23.2	21.8	20.0
21	23.9	25.0	24.9	24.1	18.2	20.0	20.6	17.7	18.1	17.3	13.2	17.1	12.7	18.0	24.4	29.9	35.0	36.6	36.3	34.5	31.0	27.2	23.8	21.8	23.8
22	23.6	23.2	22.4	22.1	21.7	20.6	21.8	22.6	21.8	22.7	17.2	13.4	11.0	12.0	16.0	23.3	28.1	33.1	34.3	32.8	31.3	27.1	26.4	25.8	23.1
23	23.5	20.4	10.1	15.3	22.8	23.6	22.8	22.2	20.8	19.5	16.0	11.1	8.3	8.5	14.5	23.5	29.4	33.5	35.3	33.4	29.7	25.2	22.7	22.4	21.4
24	22.1	21.7	21.2	20.3	21.5	20.6	19.9	20.4	16.3	18.5	17.6	9.7	7.7	7.9	12.6	21.9	29.4	34.2	33.3	31.5	27.7	24.1	22.1	21.8	21.0
25	22.7	22.4	22.1	21.3	20.0	21.8	22.2	21.3	21.3	20.6	19.8	14.5	12.7	13.2	17.9	24.0	28.2	31.8	33.1	31.3	27.8	24.6	24.0	23.5	22.6
26 Q	23.9	23.6	22.1	23.1	23.1	22.7	22.3	21.7	21.3	20.0	17.8	14.0	11.8	13.0	16.1	23.0	28.2	31.0	31.8	30.3	28.2	25.7	23.6	23.1	22.5
27 Q	23.6	23.0	23.2	22.4	20.9	21.7	21.3	21.7	21.2	20.8	20.9	17.1	13.7	13.3	15.7	21.4	26.7	30.9	30.8	29.1	26.7	24.5	23.0	23.1	22.3
28	23.6	23.5	22.4	21.5	21.8	19.8	16.7	17.1	17.7	21.4	20.1	14.5	13.2	13.0	16.7	23.1	28.6	32.2	30.3	27.2	25.1	23.6	23.6	20.8	21.5
29	22.9	20.4	18.6	16.5	16.7	20.0	27.0	19.1	24.0	28.2	15.8	13.4	21.5	25.5	23.1	28.6	31.2	33.2	29.1	26.3	25.2	23.1	20.9	19.4	22.9
30	21.3	21.5	11.3	18.3	24.1	19.9	15.4	23.1	16.3	25.3	21.2	15.4	18.1	21.4	21.1	24.6	27.7	29.3	29.7	28.1	26.3	23.1	22.7	21.8	22.0
31	22.7	23.0	22.1	22.7	22.0	20.9	22.3	19.7	21.8	24.6	16.3	14.9	18.3	15.4	20.3	26.1	27.2	27.2	28.2	27.5	24.2	21.1	19.4	19.4	22.0
Mean	22.6	21.6	20.6	20.8	20.8	21.6	23.6	21.2	20.3	20.9	18.7	15.0	14.6	15.6	19.1	25.2	29.3	31.2	31.3	29.6	26.8	24.6	22.2	21.9	22.5

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 31 Agincourt — Z = 56,000 γ + — August 1948

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	328	326	324	321	305	299	290	291	276	278	269	287	305	313	316	312	315	320	327	334	340	348	366	351	314
2	342	332	322	301	309	290	237	254	305	307	299	310	308	300	309	314	311	317	322	325	337	330	327	323	309
3	318	317	317	314	308	305	297	285	278	311	301	296	300	297	304	311	314	322	330	331	340	336	329	322	312
4	318	319	318	314	315	314	317	308	299	308	247	230	249	270	290	311	320	324	341	349	357	346	334	329	309
5	325	327	320	308	302	311	317	318	318	319	318	308	305	308	312	307	313	318	322	331	335	333	329	326	318
6	322	320	318	317	309	292	297	306	314	320	322	321	318	318	317	317	322	319	322	325	328	330	326	321	318
7	318	318	317	311	296	292	247	275	303	311	302	299	299	299	299	302	307	312	317	317	320	321	322	332	306
8 D	331	339	341	325	132	086	-190	-178	015	149	140	232	231	305	307	328	359	354	372	426	486	464	470	487	263
9 D	428	379	402	324	270	307	325	320	329	329	325	329	331	339	337	341	337	345	365	381	415	427	447	424	356
10 D	396	384	340	341	329	196	058	091	019	202	280	308	321	307	307	316	340	375	488	470	374	343	345	344	303
11 D	341	347	341	333	334	296	275	239	324	334	339	331	327	330	339	340	340	339	342	351	359	369	361	340	332
12	339	339	332	333	329	285	248	126	186	243	287	316	315	316	321	327	339	340	351	382	400	353	363	369	314
13	379	375	350	270	286	316	334	328	314	297	321	331	327	329	332	330	321	313	318	325	325	327	332	331	326
14	328	327	327	328	327	326	326	327	327	329	331	324	319	316	317	315	325	328	331	339	335	341	340	343	328
15	337	333	329	325	324	326	325	323	325	324	328	327	330	327	320	311	307	312	321	328	337	335	339	334	326
16 Q	334	331	327	323	326	323	324	325	327	327	326	325	322	318	316	317	320	324	325	325	325	333	332	328	325
17 Q	326	321	321	321	321	321	320	321	320	321	325	321	321	314	311	308	304	308	314	316	321	328	333	331	320
18 Q	325	324	324	323	320	319	320	319	319	320	320	320	319	318	319	317	316	315	317	320	327	326	323	318	320
19	316	318	319	319	318	319	318	317	319	320	326	328	326	325	322	316	309	314	316	323	320	325	326	341	321
20 D	397	438	399	356	312	214	250	303	325	332	330	316	311	315	312	314	307	319	320	326	336	326	323	326	325
21	330	337	333	309	320	330	330	328	330	330	326	306	285	289	289	287	299	303	319	326	339	348	348	342	320
22	327	324	324	320	319	314	320	323	321	320	329	330	330	330	326	312	303	305	316	327	334	349	345	336	325
23	326	328	331	306	325	325	324	323	323	319	325	329	328	325	325	324	324	331	338	346	344	338	334	329	328
24	325	324	325	319	315	308	321	318	308	314	318	326	322	319	316	317	318	328	332	324	339	335	331	322	322
25	321	325	319	304	316	319	321	316	314	316	322	326	325	318	317	315	315	318	328	334	345	348	339	328	323
26 Q	325	319	320	319	317	315	314	316	315	319	320	319	316	314	311	309	316	318	325	328	323	317	316	316	318
27 Q	314	314	312	312	312	312	312	311	311	314	314	315	311	305	302	302	306	312	316	318	323	325	327	322	314
28	318	316	312	313	312	307	307	298	286	293	305	312	309	310	310	307	307	311	313	314	330	342	355	348	314
29	336	322	298	304	306	293	272	291	285	245	271	295	276	254	268	280	287	301	314	330	338	343	343	342	300
30	346	343	321	318	265	259	284	269	254	254	252	277	288	292	301	317	324	328	335	339	352	360	354	344	307
31	332	328	323	322	317	297	298	301	294	284	289	313	311	312	317	313	314	318	328	336	339	334	331	330	316
Mean	337	335	329	317	306	294	279	277	286	299	303	310	308	310	312	313	317	322	333	340	346	344	345	341	317

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 32 Agincourt — August 1948

Day		Horizontal Intensity						Declination						Vertical Intensity					
		Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
		h.	m.	γ	h.	m.	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1		22	02	436	16	01	344	92	18	30	31.2	5	17	14.0	17.2	22	35	376	10	23	262	114
2		20	34	416	16	19	330	86	16	55	30.9	12	15	10.8	20.1	0	25	346	7	07	219	127
3		20	40	413	14	39	313	100	18	48	35.5	12	11	12.7	22.8	20	40	345	8	07	255	90
4		19	04	421	15	07	319	102	19	22	34.0	14	08	9.7	24.3	20	57	361	10	48	209	152
5		20	17	408	15	34	336	72	20	18	33.7	3	58	3.3	30.4	20	17	341	4	00	296	45
6		5	38	401	15	15	302	99	16	18	32.9	11	55	13.0	19.9	21	10	331	5	52	283	48
7		23	09	478	23	03	333	145	18	39	31.7	6	43	-1.9	33.6	23	04	363	6	46	220	143
8	D	21	00	869	6	35	-454	1323	6	45	69.6	7	13	-38.5	108.1	21	03	590	6	20	-460	1050
9	D	22	08	503	3	34	176	327	3	31	41.5	4	10	-1.2	42.7	0	24	591	4	33	204	387
10	D	18	30	521	6	45	-313	834	6	37	83.3	8	45	-12.8	96.1	18	46	544	8	07	-161	705
11	D	21	33	455	7	28	277	178	16	26	31.6	7	34	9.0	22.6	21	35	382	7	07	177	205
12		20	03	450	7	50	182	268	7	28	51.2	2	28	5.6	45.6	20	12	432	7	50	059	373
13		19	34	406	14	41	315	91	16	48	32.7	4	48	1.2	31.5	0	31	387	3	52	235	152
14		21	36	405	15	23	282	123	18	36	35.5	14	08	14.5	21.0	21	32	349	14	06	310	39
15		20	58	398	14	49	308	90	17	54	29.0	13	12	14.4	14.6	20	58	342	16	26	307	35
16	Q	21	25	390	15	57	312	78	18	25	33.3	12	58	14.6	18.7	0	20	336	13	36	314	22
17	Q	22	28	397	14	18	322	75	17	58	35.9	13	05	14.5	21.4	22	42	337	17	05	303	34
18	Q	19	43	412	14	30	336	76	18	13	40.0	11	24	12.9	27.1	20	30	330	16	48	313	17
19		23	45	451	14	39	316	135	18	08	37.6	12	25	12.1	25.5	23	55	359	15	58	311	48
20	D	0	06	430	5	55	260	170	5	38	47.8	4	02	-6.7	54.5	1	21	469	5	48	171	298
21		3	33	412	13	38	281	131	18	23	37.7	10	45	10.8	26.9	22	49	356	3	39	273	83
22		21	40	440	15	14	312	128	18	00	35.3	12	21	9.2	26.1	21	42	356	16	54	299	57
23		21	44	401	15	10	297	104	18	17	35.5	2	55	-0.7	36.2	2	22	358	3	07	265	93
24		1	03	389	16	06	280	109	17	49	35.3	12	15	4.9	30.4	20	13	341	9	43	295	46
25		20	38	420	14	00	319	101	18	06	33.9	12	49	12.1	21.8	20	53	350	3	19	299	51
26	Q	20	42	395	14	53	313	82	18	15	32.2	12	55	10.9	21.3	19	41	331	14	55	305	26
27	Q	22	30	401	14	50	325	76	17	57	32.1	13	32	13.0	19.1	22	22	332	14	52	301	31
28		20	23	410	14	52	324	86	17	48	33.9	12	55	10.8	23.1	22	22	358	8	35	278	80
29		19	04	396	12	41	328	68	16	58	37.0	11	35	10.0	27.0	21	30	349	9	08	230	119
30		4	40	394	9	35	306	88	9	45	32.3	2	35	1.0	31.3	21	22	362	4	44	183	179
31		22	00	399	16	52	326	73	18	35	30.0	11	05	13.1	16.9	20	15	340	9	56	264	76
Mean				436			258	178			37.9			6.4	31.5			379			220	159
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 1948

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	374	339	340	329	316	317	350	359	364	365	369	360	322	323	318	327	317	326	336	360	399	355	354	359	345
2 D	362	334	348	331	337	322	329	289	297	336	352	325	319	329	317	320	323	332	348	365	385	355	349	359	336
3	353	351	355	361	360	364	364	364	369	367	360	354	345	308	326	336	335	337	345	358	367	365	354	369	353
4	368	369	375	369	355	363	369	369	364	350	362	360	348	343	331	316	310	339	359	384	385	376	374	373	359
5 Q	372	369	371	369	371	371	370	367	358	366	375	374	360	344	328	316	330	346	360	370	378	381	383	380	363
6 Q	379	379	380	380	379	381	380	379	379	379	379	374	360	356	346	328	324	338	348	372	391	393	378	375	369
7	379	371	370	375	375	388	354	381	381	378	374	374	361	348	339	334	340	355	377	381	390	389	392	384	371
8	390	384	377	370	372	377	379	375	373	370	370	362	356	339	338	340	343	349	361	379	391	390	393	381	369
9	386	371	362	378	377	379	370	370	372	366	366	361	353	341	336	327	328	346	368	384	390	392	382	381	366
10	379	379	381	378	379	377	377	380	380	379	377	372	358	344	335	337	334	364	379	390	405	388	384	387	373
11	384	386	385	385	383	384	381	369	368	372	364	367	355	341	324	317	329	343	359	375	380	382	389	374	366
12	379	383	380	366	367	362	362	364	364	365	366	359	348	313	287	357	365	365	362	343	353	362	379	379	360
13	383	366	375	377	375	376	377	374	377	382	380	375	351	331	321	322	327	342	359	375	379	376	380	381	365
14	383	384	382	384	384	382	359	361	368	374	370	366	354	341	329	323	329	344	359	369	374	375	377	379	365
15	380	385	384	381	379	375	372	375	374	373	366	364	364	341	323	351	365	367	381	400	403	424	452	388	378
16	369	367	386	375	335	341	348	325	357	366	363	359	343	321	307	312	318	339	354	365	369	388	382	356	352
17	367	371	372	369	364	361	361	356	358	357	345	342	356	349	326	321	328	347	362	381	380	379	375	373	358
18	377	373	372	372	371	372	368	371	370	369	366	360	354	336	321	311	321	344	362	386	381	372	385	381	362
19	379	364	362	361	364	369	365	371	367	369	364	362	352	343	330	331	343	356	368	362	367	377	385	384	362
20 Q	384	383	382	382	382	382	379	379	374	379	379	371	355	331	314	305	321	340	354	372	388	389	387	376	366
21	381	382	382	382	380	379	381	375	372	374	373	371	364	350	328	310	313	334	355	390	384	395	395	393	368
22	395	393	380	380	380	377	372	378	378	380	381	383	371	349	327	314	318	344	369	388	405	410	413	409	375
23	384	378	357	361	367	372	374	372	380	378	375	378	361	352	334	321	317	330	343	370	382	381	393	369	364
24 D	369	382	375	382	365	365	369	361	349	336	355	355	350	333	329	299	313	321	353	362	360	393	371	367	355
25 D	346	348	365	365	368	359	319	315	348	349	362	348	297	287	312	305	307	309	334	364	372	374	362	356	341
26	348	344	347	358	326	319	333	341	344	320	357	372	359	347	339	318	323	333	349	359	375	362	360	360	346
27 Q	365	372	372	371	374	371	372	372	374	370	372	365	359	347	339	333	334	343	350	357	364	365	371	375	362
28 Q	375	379	379	379	379	379	380	379	379	379	380	377	375	362	349	339	340	354	365	375	379	379	380	379	372
29 D	382	383	368	365	365	362	334	326	316	303	338	334	360	354	329	313	333	362	355	360	359	359	371	362	349
30	341	353	354	339	343	362	361	349	368	371	372	354	344	365	337	315	338	348	357	367	364	368	370	374	355
31																									
Mean	374	371	371	369	366	366	364	362	364	364	367	362	352	339	327	323	329	343	358	372	380	380	381	375	361

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 34 Agincourt D = 7° W + ... ′ September 1948

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	21.5	13.0	14.0	15.0	14.0	15.7	16.3	22.1	21.1	20.9	21.7	15.9	24.1	27.2	23.6	27.2	27.5	30.7	33.3	29.4	24.1	26.3	24.4	23.0	22.1
2 D	22.2	12.0	16.7	19.6	32.3	21.1	23.6	20.2	30.4	21.9	20.1	25.5	21.9	19.2	21.8	25.8	28.6	30.6	29.3	26.3	24.5	23.8	22.4	19.3	23.3
3	18.8	22.1	22.4	23.3	23.9	23.2	24.0	24.2	24.0	23.6	21.8	18.5	16.6	23.3	28.5	32.9	29.4	29.6	30.9	29.5	26.1	21.7	20.9	20.9	24.1
4	21.2	21.4	21.8	22.2	18.8	20.2	22.3	23.9	24.6	19.6	13.0	12.0	13.0	14.8	20.5	24.8	29.7	32.8	33.8	29.0	27.4	23.6	20.2	21.4	22.1
5 Q	21.3	21.5	20.8	21.6	22.9	24.2	19.9	21.8	27.2	23.7	18.3	15.3	13.6	14.8	17.9	25.3	29.7	32.2	30.8	28.5	25.7	24.0	22.7	23.0	22.8
6 Q	23.1	23.2	23.1	22.7	21.9	22.7	24.8	21.8	19.4	19.3	18.1	17.9	18.1	19.1	19.8	23.9	27.4	29.7	29.4	29.0	27.3	25.8	23.9	22.8	23.1
7	21.8	21.7	20.7	21.8	20.9	18.8	17.2	19.1	18.6	19.3	18.9	17.1	15.7	17.0	19.5	23.3	27.3	29.5	30.4	30.0	27.9	25.3	24.4	24.4	22.1
8	23.8	24.1	18.9	20.9	21.5	21.9	21.2	19.9	19.0	19.0	19.3	16.8	14.4	16.2	19.0	21.2	25.1	28.1	29.1	28.1	26.6	25.1	23.9	24.4	22.0
9	23.6	22.7	21.9	23.6	22.4	21.2	19.6	20.3	19.5	19.9	17.4	14.1	13.9	15.1	18.5	21.0	27.5	32.8	33.4	30.0	27.2	24.0	22.1	22.4	22.2
10	22.8	23.1	22.8	22.0	21.7	22.1	22.1	21.7	19.9	19.9	18.4	15.7	10.4	10.2	14.2	21.0	25.4	31.5	33.1	31.1	28.5	26.2	25.0	25.0	22.2
11	24.4	23.9	23.4	23.3	22.6	21.3	20.9	19.1	17.6	16.8	19.5	17.2	13.5	16.9	20.6	28.5	34.2	34.5	33.3	31.6	27.7	23.2	23.3	25.1	23.4
12	23.9	19.5	17.8	20.9	21.8	21.3	18.5	20.8	18.3	19.1	18.1	13.4	10.4	10.8	29.2	38.2	32.4	30.4	33.3	34.8	29.1	24.5	23.1	23.2	23.1
13	23.5	21.4	23.5	23.6	22.6	20.9	20.2	17.6	18.1	20.0	18.1	13.0	12.7	17.0	21.7	26.6	30.0	31.7	30.0	27.7	25.9	23.6	23.6	24.0	22.3
14	24.3	24.0	23.3	22.6	21.4	17.5	17.4	19.0	17.2	18.4	17.5	17.6	16.0	16.8	19.9	24.4	29.7	31.8	30.4	27.0	24.0	22.1	22.8	24.0	22.1
15	23.7	23.9	24.2	24.0	23.4	22.1	20.5	20.1	18.8	16.3	14.8	16.9	15.8	16.3	22.2	22.7	29.4	31.0	30.2	29.7	30.8	30.8	28.8	24.4	23.3
16	24.0	25.4	25.4	24.8	26.4	22.5	19.5	18.1	19.7	18.4	18.1	16.0	14.9	15.4	22.6	26.3	30.3	32.0	31.6	29.7	25.8	23.4	25.3	25.3	23.4
17	24.4	24.3	24.2	23.3	22.7	23.1	19.9	19.1	18.7	17.9	19.5	17.1	16.1	16.4	20.6	23.5	27.7	30.0	29.1	25.5	22.1	20.8	22.3	23.6	22.1
18	23.4	23.7	23.7	24.5	23.2	21.4	20.5	19.2	19.7	18.8	18.7	18.6	16.3	16.0	19.4	25.0	30.1	32.7	32.9	30.1	27.3	25.5	24.1	21.8	23.2
19	25.5	22.4	19.1	21.0	22.5	22.3	20.5	19.9	19.4	19.1	18.5	16.4	14.9	15.1	18.3	24.2	28.3	29.5	29.2	29.0	26.3	24.1	23.5	24.6	22.2
20 Q	24.5	23.7	23.3	22.8	22.4	21.0	19.5	21.9	21.9	18.7	17.1	16.1	15.1	14.1	18.5	25.9	31.1	32.9	34.1	32.6	29.1	25.9	25.0	21.6	23.2
21	24.1	23.7	23.3	23.3	22.3	21.4	20.2	18.3	18.5	19.0	19.0	18.3	16.4	15.1	16.2	20.4	26.3	30.8	32.4	30.2	29.0	26.1	24.9	24.6	22.6
22	23.8	23.3	23.2	21.1	21.2	18.4	15.1	18.0	19.6	19.5	19.0	16.3	13.3	11.9	14.6	20.3	24.4	29.2	30.4	29.6	27.5	24.7	23.5	26.0	21.4
23	25.3	23.8	19.2	20.8	21.1	19.7	16.5	17.7	19.0	17.9	19.9	15.6	15.2	13.8	12.8	19.1	25.1	29.3	32.0	29.9	29.5	27.8	26.5	22.6	21.7
24 D	22.9	24.6	24.1	15.9	19.3	20.8	21.9	19.3	10.8	14.2	16.9	15.7	20.1	18.7	19.3	24.2	28.4	29.4	30.4	30.6	27.7	24.3	22.8	24.3	21.9
25 D	16.9	14.4	23.0	23.3	21.8	14.0	11.1	12.4	26.0	23.9	27.3	23.6	38.2	32.0	32.5	30.3	33.0	34.5	32.5	31.5	30.0	28.4	26.5	24.7	25.4
26	23.3	20.9	17.4	28.7	16.9	16.3	18.3	19.1	21.1	31.4	25.6	21.1	20.6	22.4	18.7	23.0	26.5	28.9	30.3	30.2	28.2	25.7	23.0	17.0	23.1
27 Q	22.1	23.9	23.4	23.4	22.9	22.1	22.0	21.7	21.2	22.4	22.4	20.0	17.4	16.3	17.3	19.4	22.0	24.8	27.1	27.8	27.6	26.6	26.2	24.9	22.7
28 Q	24.4	23.6	23.7	23.1	23.0	22.5	21.9	21.2	20.7	20.6	20.3	19.3	17.4	16.5	16.4	19.1	24.4	27.7	29.3	28.8	27.4	25.7	25.1	23.9	22.7
29 D	24.3	23.2	18.9	22.1	22.1	28.0	15.5	9.0	3.1	18.9	24.0	22.2	25.2	21.1	25.1	30.3	33.0	28.8	25.8	24.9	24.4	22.8	21.3	23.0	22.4
30	24.8	20.3	22.0	21.7	21.8	22.1	20.0	19.2	24.0	18.6	18.3	20.8	27.6	22.7	20.9	26.5	30.5	26.7	27.1	24.8	23.5	22.8	22.1	22.0	23.0
31																									
Mean	23.1	22.0	21.6	22.2	22.1	21.0	19.7	19.5	19.9	19.9	19.3	17.4	17.2	17.4	20.3	24.8	28.5	30.4	30.8	29.3	26.9	24.8	23.8	23.2	22.7

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 35 Agincourt — Z = 56,000 γ + — September 1948

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	337	332	311	307	274	277	324	343	337	324	319	315	284	257	282	300	317	324	334	349	389	421	372	346	324
2 D	343	343	336	312	179	255	239	228	230	241	300	290	284	304	318	327	336	340	346	356	363	363	348	340	305
3	340	337	331	325	323	321	320	320	320	314	317	313	307	312	313	317	328	341	347	348	350	345	345	336	328
4	329	326	323	319	317	317	310	286	242	205	284	293	316	314	313	316	324	336	331	342	342	335	340	335	312
5 Q	330	328	324	321	312	307	300	310	304	304	316	321	317	316	316	315	316	317	320	323	324	323	323	317	317
6 Q	316	317	315	315	312	306	293	297	307	312	315	317	315	312	312	298	303	300	300	303	309	314	317	313	309
7	307	303	303	300	289	213	273	293	294	294	296	300	297	294	297	300	297	297	304	307	307	301	303	301	294
8	299	299	301	301	302	300	299	296	293	293	296	298	299	299	299	296	296	296	295	296	296	299	302	299	298
9	296	305	307	299	294	291	287	296	296	293	293	296	295	293	294	293	292	294	299	305	305	303	299	296	297
10	293	293	293	293	292	293	293	290	293	293	295	299	296	293	292	293	290	296	295	295	299	294	292	293	293
11	293	293	293	293	293	292	276	288	292	288	286	282	279	275	275	282	293	299	309	323	332	336	324	317	296
12	309	308	292	302	308	312	306	306	302	301	303	302	299	293	295	291	283	290	302	305	311	312	311	305	302
13	303	313	304	298	298	295	295	295	294	291	292	292	294	294	295	300	310	314	317	315	312	309	304	301	301
14	300	298	295	298	291	279	298	307	306	301	294	292	295	294	298	304	304	307	311	307	307	304	301	300	300
15	300	298	298	298	301	304	302	300	295	289	292	293	289	287	289	296	298	304	309	315	327	350	457	443	314
16	435	386	393	400	328	328	309	278	286	310	310	311	310	309	311	311	315	318	321	321	317	322	336	324	329
17	317	310	310	307	308	311	305	304	307	301	297	284	276	289	297	301	308	317	319	315	307	301	301	302	304
18	303	303	306	306	307	306	300	301	301	297	300	301	300	301	300	298	306	307	309	320	321	314	318	324	306
19	314	320	314	309	311	298	297	294	302	302	303	303	300	297	299	299	297	295	300	300	304	300	299	297	302
20 Q	297	294	296	295	294	292	292	288	277	281	286	290	292	291	291	294	300	309	311	312	312	313	314	311	297
21	306	300	297	297	297	298	294	280	277	286	294	300	300	300	297	297	297	300	303	303	300	300	297	297	297
22	297	304	311	307	301	298	294	297	298	297	299	300	297	297	294	292	290	294	300	303	306	297	300	300	299
23	295	303	311	309	303	288	288	286	289	295	299	300	299	294	289	288	286	288	299	309	313	314	316	329	300
24 D	328	327	333	316	313	308	300	290	257	257	245	272	296	296	296	300	312	311	326	332	328	333	332	345	306
25 D	351	325	315	307	302	270	210	222	222	193	204	243	225	246	277	300	307	312	332	341	338	338	344	362	287
26	349	328	327	235	273	284	288	284	273	332	247	269	279	284	287	292	298	304	314	314	325	320	321	320	298
27 Q	314	308	302	302	300	300	299	298	298	298	296	298	299	302	302	302	299	305	305	302	299	300	302	300	301
28 Q	299	297	296	296	296	296	296	296	295	294	296	299	302	301	299	296	293	298	297	299	299	298	299	298	297
29 D	297	297	299	308	287	237	256	244	222	175	172	182	260	272	280	292	309	313	308	310	313	308	311	323	274
30	331	289	298	289	262	265	277	265	254	281	287	285	283	290	290	295	299	307	304	306	304	303	302	301	291
31																									
Mean	318	313	311	305	295	291	291	289	285	285	288	291	292	294	297	300	304	308	312	316	318	319	321	319	303

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 36 Agincourt — September 1948

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	21	00	485	14	40	293	192	18	32	34.1	1	28	2.9	31.2	21	06	451	13	02	249	202
2 D	20	26	410	7	44	246	164	4	55	43.3	1	30	1.2	42.1	20	27	369	4	58	139	230
3	21	38	384	13	11	298	86	15	38	33.9	13	03	13.8	20.1	21	51	355	12	20	303	52
4	20	40	391	16	18	296	95	18	25	35.4	10	29	10.0	25.4	19	50	347	9	13	168	179
5 Q	22	20	386	15	43	316	70	9	01	33.3	12	53	12.9	20.4	0	39	331	9	00	286	45
6 Q	20	58	407	16	00	318	89	17	05	30.3	11	05	17.2	13.1	22	20	322	6	35	286	36
7	5	28	429	6	04	323	106	5	52	35.6	5	15	9.4	26.2	0	10	310	5	50	188	122
8	23	02	403	13	37	328	75	17	58	29.9	12	37	13.6	16.3	23	08	305	8	32	288	17
9	0	55	398	15	41	319	79	17	57	35.0	11	55	12.2	22.8	2	00	316	6	20	278	38
10	20	40	412	16	00	326	86	18	16	34.0	12	39	7.6	26.4	12	05	301	15	55	287	14
11	21	32	397	15	13	310	87	17	00	37.5	12	18	12.0	25.5	21	33	341	6	38	269	72
12	2	07	404	14	37	271	133	15	15	41.0	13	35	7.3	33.7	1	24	323	16	05	282	41
13	20	55	393	14	50	316	77	17	22	32.2	11	54	11.6	20.6	18	35	319	9	45	288	31
14	5	33	400	15	09	314	86	17	48	32.3	6	20	14.1	18.2	6	43	315	5	40	266	49
15	20	57	487	14	22	309	178	22	11	41.3	12	34	13.9	27.4	22	43	478	12	34	284	194
16	3	05	424	14	25	295	129	3	02	37.2	6	18	14.8	22.4	3	05	476	8	06	250	226
17	20	03	395	15	04	318	77	17	55	31.0	12	45	14.4	16.6	17	58	321	12	23	271	50
18	19	45	403	15	40	303	100	17	53	34.4	13	15	14.0	20.4	19	45	327	9	27	294	33
19	22	34	391	15	03	326	65	17	58	30.7	13	05	13.7	17.0	1	28	324	7	20	291	33
20 Q	20	57	395	15	38	302	93	18	50	34.5	13	29	13.4	21.1	23	25	315	8	48	274	41
21	21	33	408	15	48	306	102	19	02	34.9	14	11	14.4	20.5	18	04	317	8	10	264	53
22	22	10	462	16	32	307	155	23	50	32.0	13	25	11.0	21.0	23	18	320	22	33	274	46
23	22	45	403	15	10	312	91	18	17	33.1	14	14	11.3	21.8	23	50	339	5	49	269	70
24 D	21	57	420	15	35	289	131	19	20	31.9	3	30	5.6	26.3	23	59	375	10	28	227	148
25 D	20	26	386	13	40	263	123	13	03	40.4	7	00	5.4	35.0	23	55	384	9	27	174	210
26	3	17	401	0	54	297	104	3	38	41.3	0	02	5.7	35.6	0	01	379	9	52	201	178
27 Q	23	36	375	15	43	330	45	20	40	28.0	0	01	15.7	12.3	0	30	314	10	47	293	21
28 Q	21	25	383	15	41	336	47	18	50	29.3	14	00	16.1	13.2	13	00	302	10	03	293	9
29 D	4	58	397	9	12	257	140	16	45	35.4	8	45	-0.7	36.1	23	56	330	10	21	108	222
30	23	50	377	15	17	301	76	16	10	32.3	1	34	13.5	18.8	0	56	338	8	14	239	99
31																					
Mean			407			304	103			34.5			10.9	23.6			345			253	92
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 1948

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	373	382	357	364	309	296	338	347	345	297	315	286	306	316	338	337	335	337	348	359	384	378	380	375	342
2	382	374	369	361	348	162	152	273	278	289	245	327	309	266	291	322	335	337	342	350	354	358	363	361	314
3	358	354	345	347	348	356	353	359	353	361	371	353	338	347	322	310	309	317	361	361	371	355	353	353	348
4	356	364	363	364	363	354	361	355	363	369	371	363	351	333	316	323	340	358	371	366	358	361	355	332	355
5	340	335	368	346	358	353	347	359	361	366	348	358	339	326	322	316	313	327	344	358	365	374	376	372	349
6 Q	379	380	375	370	371	371	371	371	371	371	369	363	350	336	324	321	340	352	362	359	364	365	373	380	362
7	382	378	379	381	381	377	379	381	379	378	376	374	370	356	344	341	350	363	378	383	384	380	375	368	373
8 Q	373	377	379	374	378	376	379	379	374	372	378	371	366	350	337	340	343	348	361	368	370	380	376	379	368
9 Q	380	378	378	379	377	376	378	378	379	376	379	374	361	347	335	330	338	348	358	365	378	387	394	389	369
10	385	379	374	365	367	313	279	172	234	363	374	371	357	347	336	341	358	370	380	385	375	391	381	389	349
11	383	380	374	368	364	363	355	359	378	376	373	361	350	344	317	335	327	353	358	362	374	374	374	368	361
12	370	374	370	368	367	364	368	373	374	368	358	354	358	338	322	310	317	340	354	368	376	378	375	376	359
13	374	377	383	381	371	376	373	376	378	378	376	370	360	343	340	338	334	344	363	371	378	376	383	381	368
14	376	383	378	377	376	373	374	377	372	361	366	368	353	324	315	289	342	361	365	381	392	438	420	427	371
15 D	350	350	340	280	269	289	266	240	293	294	305	325	288	250	266	265	287	325	345	347	370	340	344	350	307
16 Q	353	353	358	344	342	353	354	356	356	356	357	353	338	329	315	313	323	331	344	358	361	358	363	368	347
17	369	373	371	372	370	370	374	367	370	366	368	364	349	335	323	317	420	330	347	363	374	389	431	186	354
18 D	720	592	391	372	365	293	294	312	321	326	331	324	307	307	308	302	302	331	347	382	386	381	392	540	372
19 D	393	255	231	244	110	032	-122	-127	-132	143	319	286	321	298	276	277	307	316	312	349	348	346	346	344	228
20	345	347	342	343	339	347	349	352	351	354	353	349	337	310	265	266	274	296	317	344	359	344	341	352	332
21 D	346	360	342	339	325	258	249	283	217	197	338	286	347	339	326	291	274	313	358	374	374	336	328	338	314
22	341	345	347	352	352	345	330	320	352	341	335	325	294	306	337	331	323	327	322	335	351	362	345	342	336
23	326	328	342	356	346	323	321	341	362	341	354	336	318	320	285	288	290	321	308	330	340	354	338	342	329
24	324	338	343	345	342	343	328	343	361	361	362	343	318	329	306	312	302	318	335	343	352	346	354	336	337
25	343	354	353	354	351	348	353	354	359	361	361	361	352	335	320	304	306	321	334	340	354	351	357	364	345
26	359	341	346	335	344	353	362	337	352	364	366	360	358	336	318	306	314	315	331	345	361	361	341	342	344
27	344	340	342	340	344	353	354	329	342	360	371	365	280	273	339	328	313	307	310	336	342	350	347	345	336
28	355	358	353	353	355	353	356	350	357	356	358	356	350	340	330	320	320	333	340	350	359	359	355	350	348
29	361	362	359	356	361	355	368	366	364	364	367	365	355	360	353	335	325	330	338	349	356	359	351	355	355
30 Q	355	361	361	357	363	355	366	368	368	371	369	370	361	344	335	335	342	346	355	363	365	369	370	369	359
31	365	365	354	344	344	338	328	334	343	355	365	369	364	343	339	336	339	341	349	354	359	359	367	372	351
Mean	373	366	357	353	345	329	324	325	331	343	354	349	339	327	319	315	321	334	346	358	365	366	366	363	344

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 38 Agincourt D = 7° W + ... ′ October 1948

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	23.0	20.7	18.0	24.0	19.2	21.7	26.5	11.2	19.9	12.4	23.5	32.1	28.5	30.6	30.7	29.4	30.2	29.3	28.3	26.9	25.7	24.9	25.7	26.3	24.5
2	26.3	26.5	26.6	24.9	23.2	41.1	46.4	19.6	11.9	7.3	33.3	30.0	33.8	35.5	37.7	31.7	27.2	28.0	27.2	24.9	23.6	22.2	21.4	22.0	27.2
3	23.2	24.1	20.8	20.4	31.4	23.5	20.9	19.2	16.1	18.4	15.6	21.5	29.8	30.8	31.7	33.3	36.8	33.7	26.7	28.4	29.0	26.7	24.5	26.3	25.6
4	23.2	23.1	23.6	24.0	23.8	24.7	18.7	16.9	17.4	19.2	18.6	18.1	17.2	18.2	20.6	26.9	29.7	32.0	29.7	29.6	29.3	25.6	25.6	21.3	23.2
5	21.6	12.9	17.0	20.0	22.9	43.4	18.7	17.7	20.4	22.8	20.9	18.4	17.5	18.0	19.2	22.6	26.7	29.5	29.3	27.3	25.9	25.2	24.9	24.5	22.8
6 Q	24.0	23.8	18.9	23.7	22.7	22.3	22.4	21.7	21.4	21.4	20.9	19.4	16.8	16.4	17.8	22.5	25.9	28.1	28.5	27.5	26.8	25.9	25.0	24.4	22.8
7	24.2	23.7	22.5	23.6	22.4	21.8	21.2	20.6	20.5	20.1	20.0	19.3	17.4	16.8	19.2	24.2	27.6	29.6	29.0	27.8	27.3	27.1	26.8	23.6	23.2
8 Q	24.9	23.4	23.7	22.6	22.0	21.7	21.5	20.8	18.8	22.6	19.7	18.1	16.8	15.3	17.8	22.9	25.9	27.2	27.2	26.4	25.7	25.3	25.1	24.2	22.5
9 Q	24.4	23.9	23.2	23.2	22.7	21.8	21.7	21.1	20.4	20.6	20.6	19.0	17.1	16.8	17.5	20.5	23.5	27.0	28.6	26.8	26.8	27.1	26.0	23.9	22.7
10	25.5	25.5	23.5	13.0	19.0	15.4	12.2	17.3	15.2	10.4	18.1	19.8	17.3	17.9	17.6	20.0	23.1	24.0	23.8	23.8	24.6	25.2	25.6	26.5	20.2
11	26.8	23.8	26.5	23.6	21.6	20.6	19.2	22.2	18.9	16.7	17.0	20.0	17.7	17.5	20.1	24.8	27.5	28.9	28.9	26.9	24.3	24.9	25.4	24.4	22.8
12	22.9	23.6	23.6	21.3	22.7	21.0	22.5	24.6	20.7	16.7	17.9	23.6	15.5	17.4	16.9	22.0	25.8	26.6	25.7	24.4	23.5	23.6	24.0	25.8	22.2
13	25.4	21.9	20.4	23.5	22.4	22.7	23.0	23.0	19.7	18.7	17.8	17.9	17.3	16.4	19.1	22.7	25.1	30.0	31.2	27.7	26.2	25.1	25.5	25.1	22.8
14	23.0	24.4	23.9	23.1	22.9	21.8	21.4	20.2	18.4	20.8	18.4	16.0	14.7	15.4	18.7	28.1	35.1	33.0	27.8	24.9	28.2	29.8	18.8	13.7	22.6
15 D	4.7	8.3	16.5	52.0	33.0	21.2	20.9	27.3	21.4	9.6	25.9	31.0	36.0	27.2	35.1	34.8	36.4	31.4	29.3	29.2	20.5	23.2	24.8	25.0	26.0
16 Q	25.0	25.0	24.7	22.0	20.5	24.1	23.2	22.7	22.4	22.0	21.7	21.1	19.6	20.5	21.4	24.6	27.9	29.0	30.8	27.2	25.9	24.6	24.7	24.4	23.9
17	24.3	23.8	23.8	23.8	23.7	23.6	22.4	21.5	18.1	18.4	19.9	19.9	18.6	17.8	18.7	21.8	25.2	27.0	27.4	27.1	26.5	26.4	6.4	11.8	21.6
18 D	24.8	18.6	21.0	22.8	36.4	23.8	27.9	24.0	23.0	22.0	23.3	22.7	22.2	18.5	17.7	21.8	29.1	31.1	33.1	30.2	28.4	28.8	23.0	12.4	24.4
19 D	29.0	33.1	24.2	23.0	17.5	45.2	42.4	49.7	51.1	30.1	21.2	40.6	30.5	28.8	30.6	28.4	24.5	26.6	27.6	22.4	24.8	24.1	22.7	21.0	30.0
20	22.4	22.7	22.2	23.0	25.5	24.7	22.8	23.7	23.0	22.8	22.4	21.5	19.2	17.5	20.9	24.7	27.2	31.3	32.7	28.8	26.0	23.6	25.5	23.9	24.0
21 D	22.0	18.4	19.7	22.0	25.4	23.7	19.3	23.1	29.7	16.6	17.3	38.4	26.5	17.4	18.4	23.3	38.2	32.5	21.5	21.3	24.8	24.4	27.1	25.9	24.0
22	24.9	24.0	23.1	22.5	22.1	23.1	26.1	28.9	23.8	21.0	39.4	34.9	31.6	33.5	24.7	21.1	24.8	29.0	27.5	26.7	26.7	21.1	21.6	24.9	26.1
23	23.4	22.5	22.9	24.3	23.1	30.2	35.6	26.1	18.3	20.8	34.0	25.3	26.1	24.3	30.3	23.8	25.2	28.7	30.7	30.0	24.1	24.7	24.5	24.3	26.0
24	17.5	22.5	22.1	19.4	22.5	24.9	21.4	25.5	22.2	21.6	21.1	23.0	42.0	28.3	22.5	25.9	26.0	29.4	27.3	25.4	27.6	28.1	26.5	22.5	24.8
25	22.2	22.9	22.5	22.5	21.8	24.2	24.5	24.7	23.1	22.0	21.6	21.2	19.4	19.5	26.1	28.1	26.8	26.7	26.5	28.5	28.3	26.1	26.1	24.3	24.1
26	24.3	21.6	20.4	18.5	21.6	22.1	24.9	26.8	23.0	19.4	19.4	22.9	24.3	22.1	22.9	26.6	30.2	30.4	30.1	28.1	26.1	26.0	19.2	20.1	23.8
27	22.6	10.8	16.2	17.8	21.1	22.2	22.0	18.6	24.7	21.1	19.8	30.3	39.9	35.4	29.9	26.6	27.6	28.4	27.7	26.7	26.2	25.2	23.8	23.6	24.5
28	24.0	23.9	23.6	17.7	22.3	26.0	26.2	21.7	23.2	21.7	21.2	20.2	19.9	18.7	18.6	22.2	25.5	26.4	27.7	27.6	26.1	24.6	23.7	21.9	23.2
29	22.0	23.5	21.7	19.2	22.2	22.7	29.0	24.4	22.2	21.9	21.2	23.1	24.6	23.8	21.3	23.0	26.9	31.0	31.3	28.6	26.8	25.2	25.7	24.6	24.4
30 Q	23.0	23.1	23.3	19.2	17.0	22.3	24.8	23.2	22.1	20.8	20.2	20.1	18.7	17.3	20.3	23.4	25.6	27.4	27.2	25.0	23.2	23.2	22.8	23.0	22.3
31	23.1	23.8	20.9	12.8	21.2	23.0	19.3	18.2	15.1	18.8	17.1	15.4	15.6	19.0	23.7	28.4	30.4	28.4	27.8	25.7	24.6	23.3	23.0	22.9	21.7
Mean	23.1	22.2	22.0	22.4	23.1	24.9	24.1	22.8	21.5	19.3	21.6	23.4	22.9	21.7	22.9	25.1	28.0	29.0	28.3	26.9	26.0	25.2	23.7	22.9	23.9

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 39 Agincourt — Z = 56,000 γ + — October 1948

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	301	298	317	305	151	136	213	285	295	109	106	092	160	248	268	280	289	298	307	309	308	308	306	305	250
2	303	301	307	307	303	223	196	200	196	171	167	183	213	250	272	299	314	309	315	319	318	318	314	312	267
3	309	309	307	304	271	277	286	297	282	291	277	286	269	268	275	288	298	312	358	347	334	331	333	337	302
4	321	309	302	301	301	286	242	262	298	300	301	300	301	298	292	289	289	300	309	313	324	334	354	371	304
5	362	334	278	309	288	189	278	302	301	301	301	301	302	304	307	301	297	298	298	302	307	307	307	305	299
6 Q	303	301	300	302	300	300	299	297	298	298	300	302	301	300	297	294	288	288	293	294	297	298	298	300	298
7	300	299	300	297	297	297	297	295	294	292	293	294	294	294	294	290	287	288	289	294	300	305	308	316	297
8 Q	309	301	297	297	297	297	296	294	290	281	281	288	291	289	288	285	278	281	288	291	294	295	296	296	291
9 Q	296	296	294	296	294	294	293	291	294	293	293	295	296	294	291	290	287	292	294	295	297	297	300	299	294
10	297	300	300	287	271	242	086	035	213	273	291	297	297	296	294	289	285	286	294	294	294	297	294	297	267
11	303	315	310	304	301	303	288	264	287	289	284	285	291	291	294	290	294	300	305	313	306	297	297	300	296
12	299	295	299	297	295	300	296	281	281	290	281	289	293	296	293	293	296	300	301	302	299	299	298	299	295
13	301	302	290	284	293	296	293	293	293	293	290	295	296	295	293	291	289	295	295	293	293	292	295	299	294
14	299	293	294	295	295	293	296	295	287	251	260	276	281	283	287	286	289	291	302	305	316	371	462	491	308
15 D	407	392	399	215	222	260	233	197	216	224	230	235	241	283	299	309	331	358	348	351	365	319	307	305	293
16 Q	304	305	306	299	293	305	305	303	305	303	302	305	303	304	299	293	296	310	318	310	307	303	299	302	303
17	298	296	296	298	298	298	296	284	269	295	297	298	302	301	299	294	292	297	298	301	304	304	376	265	298
18 D	279	348	383	396	399	319	296	302	315	314	317	317	317	316	309	309	312	327	345	358	357	364	382	437	338
19 D	434	325	277	319	203	133	078	-050	-113	104	273	239	259	275	300	316	346	337	340	356	330	321	319	318	252
20	313	310	304	304	298	293	295	304	307	307	307	310	310	307	311	322	333	341	350	327	331	334	322	313	315
21 D	317	311	299	306	221	163	199	236	112	156	220	198	232	275	288	294	311	344	409	400	396	362	334	316	279
22	311	307	305	304	297	281	246	237	270	261	195	204	254	274	276	283	290	302	313	343	363	362	340	333	290
23	334	342	322	300	293	241	201	232	287	264	250	243	284	306	302	304	327	346	326	335	359	363	343	337	302
24	336	324	317	307	307	284	263	264	294	300	297	289	269	276	297	309	311	327	332	351	332	321	327	330	307
25	320	313	309	306	303	296	289	279	295	299	300	301	302	301	296	292	301	314	305	301	306	312	306	304	302
26	308	322	295	308	307	291	280	262	275	296	293	294	296	295	301	305	312	320	316	311	316	321	333	340	304
27	329	307	286	304	307	281	265	265	251	254	270	261	244	277	315	294	302	317	325	341	341	333	329	328	297
28	312	306	308	301	300	288	268	275	294	300	302	303	302	305	303	293	303	309	310	310	312	305	305	309	301
29	306	303	301	295	297	295	281	284	293	295	294	292	295	294	284	288	291	299	297	300	305	311	311	311	297
30 Q	304	299	299	292	281	283	293	298	298	297	295	295	297	297	295	287	283	289	293	294	296	294	294	293	293
31	296	293	287	260	278	277	268	263	261	271	271	282	283	284	281	280	284	288	294	298	301	299	298	294	283
Mean	317	311	306	300	286	269	259	256	263	267	272	273	280	290	294	295	301	309	315	318	319	319	322	321	294

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 40 Agincourt — October 1948

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 D	20	58	416	5	02	186	230	6	26	41.4	9	30	-1.7	43.1	2	51	325	9	30	063	262
2	1	20	390	6	00	-194	584	6	12	108.6	7	00	3.5	105.1	19	41	324	6	02	-164	488
3	18	27	379	17	43	302	77	4	37	39.5	8	57	13.4	26.1	18	30	370	4	40	248	122
4	18	20	385	14	58	308	77	17	30	32.5	8	00	14.9	17.6	23	59	375	6	28	233	142
5	5	08	395	5	33	272	123	5	27	62.9	2	00	-2.1	65.0	0	01	377	5	28	132	245
6 Q	1	48	383	15	10	317	66	17	57	28.6	2	18	13.0	15.6	2	06	305	16	54	287	18
7	19	45	392	16	01	340	52	17	40	29.9	13	25	15.7	14.2	23	05	316	17	57	285	31
8 Q	21	30	387	14	42	332	55	18	31	27.6	13	15	13.6	14.0	0	05	312	10	10	272	40
9 Q	22	27	402	15	15	328	74	18	25	28.8	13	15	16.5	12.3	22	28	303	16	55	285	18
10	21	55	407	7	47	101	306	6	07	37.7	6	35	-1.9	39.6	21	58	306	7	18	-023	329
11	1	05	389	14	01	304	85	16	55	31.6	14	03	9.5	22.1	1	19	326	7	00	247	79
12	21	12	387	16	17	298	89	16	47	27.7	12	42	12.2	15.5	6	00	305	7	35	266	39
13	2	58	394	16	34	315	79	18	47	33.1	13	57	12.7	20.4	1	17	305	3	02	275	30
14	21	38	559	15	15	247	312	16	48	39.2	23	50	-1.8	41.0	23	25	560	9	36	237	323
15 D	1	10	431	7	23	203	228	3	23	66.1	0	02	3.9	62.2	0	46	480	3	17	015	465
16 Q	23	59	368	15	05	309	59	18	20	32.1	3	26	17.8	14.3	18	18	319	4	19	285	34
17	(23 | 40 | 824)	16	10	314	(510)	23	34	48.8	23	02	-34.7	83.5	23	07	585	23	40	-167	752
18 D	(23 | 30 | 733)	5	23	223	(510)	4	37	85.9	23	37	-36.1	122.0	23	23	581	0	06	-063	644
19 D	0	20	449	8	37	-549	998	9	05	131.2	10	10	7.8	123.4	0	28	504	8	50	-510	1014
20	20	50	370	14	38	254	116	18	38	35.2	13	20	16.3	18.9	18	15	353	5	18	287	66
21 D	18	56	429	8	33	168	261	11	39	46.8	1	38	6.9	39.9	19	00	469	8	29	054	415
22	21	08	379	13	32	260	119	10	28	50.4	21	12	14.8	35.6	21	09	417	10	42	166	251
23	10	44	369	16	18	269	100	6	47	42.9	2	32	14.0	28.9	21	00	379	6	57	183	196
24	10	30	369	14	17	278	91	12	34	45.5	0	45	14.7	30.8	19	57	366	7	17	254	112
25	20	55	372	15	28	299	73	16	04	30.3	13	00	14.9	15.4	0	04	328	7	31	271	57
26	2	00	387	9	34	291	96	16	22	32.5	2	00	7.5	25.0	23	23	342	8	12	249	93
27	11	05	381	13	10	223	158	13	11	46.8	1	42	5.2	41.6	19	57	346	18	12	220	126
28	20	05	371	16	14	314	57	5	37	29.0	3	21	10.7	18.3	20	09	315	6	59	262	53
29	6	38	376	17	00	319	57	18	13	31.9	3	00	15.9	16.0	23	10	312	6	56	271	41
30 Q	4	40	373	14	55	332	41	17	40	28.3	4	04	14.1	14.2	0	01	306	5	02	275	31
31	23	59	372	6	04	323	49	16	23	30.9	3	07	3.6	27.3	20	41	304	8	13	247	57
Mean			420			235	185			44.6			6.9	37.7			371			159	212
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 1948

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	372	374	370	372	370	371	374	373	373	369	372	378	364	357	352	345	338	340	346	354	370	375	358	343	363
2 D	321	313	326	322	276	235	218	110	235	276	298	310	288	334	316	303	282	312	333	343	353	365	364	362	300
3	345	334	334	339	344	344	341	338	340	350	352	351	339	324	319	309	318	329	349	364	367	361	360	359	342
4 Q	358	361	358	358	356	358	359	359	363	363	361	359	350	334	320	313	316	327	343	356	366	371	373	371	352
5 Q	370	369	366	369	371	369	369	369	366	366	365	364	360	343	323	312	318	326	340	352	361	373	376	373	357
6	373	371	366	360	368	369	371	375	373	374	376	376	366	348	330	325	327	332	342	357	367	383	386	368	362
7	374	384	378	376	374	371	376	377	377	377	374	372	373	368	358	341	335	337	346	359	371	374	367	366	367
8	369	367	356	360	366	365	365	362	369	384	376	374	372	363	354	345	344	344	360	364	365	373	376	380	365
9	364	372	372	370	367	373	374	365	368	368	364	363	348	345	343	333	330	342	352	363	367	373	375	380	361
10	372	373	367	367	368	364	367	368	369	369	369	366	357	343	336	333	332	338	352	362	372	375	379	376	361
11	373	369	370	372	370	368	370	369	368	371	375	370	361	349	335	332	341	348	362	370	372	378	375	378	365
12 Q	381	377	377	375	375	376	378	380	378	380	377	373	362	339	329	326	326	334	347	359	368	373	376	376	365
13	374	373	374	374	371	372	372	372	376	376	373	367	356	341	333	327	348	352	360	366	359	360	371	373	364
14	370	380	378	374	373	372	372	374	371	369	368	367	358	343	331	326	335	344	355	363	367	368	378	379	363
15	378	376	378	380	378	372	368	369	368	372	372	369	361	343	329	322	337	354	365	356	368	393	352	354	363
16	358	352	347	349	347	340	322	363	370	368	368	365	359	347	332	324	319	328	351	356	361	366	368	371	351
17	370	360	360	350	348	355	350	359	350	348	375	360	355	334	334	317	312	328	332	336	368	351	355	358	348
18	357	352	366	352	340	342	339	355	362	361	361	356	339	314	301	315	319	316	321	340	348	359	355	358	343
19	365	362	356	328	331	338	328	324	333	339	365	366	358	345	324	308	321	332	339	324	339	348	357	356	341
20 D	342	350	354	340	340	338	328	324	354	354	347	323	315	335	268	224	253	328	314	307	362	339	329	328	325
21 D	312	302	278	261	286	281	268	291	299	322	339	346	325	317	307	302	302	310	323	332	333	338	348	349	311
22	333	348	353	348	353	352	351	343	340	350	344	364	353	339	329	304	279	301	328	320	342	356	351	319	337
23	334	343	355	349	343	341	343	348	355	358	360	358	353	340	337	313	303	323	337	343	348	357	354	348	344
24 D	347	359	359	355	358	357	354	354	350	355	345	359	353	338	328	332	316	322	327	348	360	348	347	347	347
25 D	342	349	347	342	335	343	345	334	338	343	354	359	337	310	309	293	321	337	339	349	355	350	355	359	339
26	356	356	356	356	359	356	354	352	346	326	361	354	332	362	344	330	330	339	349	360	364	362	356	361	351
27	362	363	362	360	361	364	358	352	362	361	353	363	366	358	347	334	339	343	345	345	352	359	362	363	355
28	360	360	360	358	361	357	356	355	336	345	365	368	363	359	353	345	346	349	350	358	360	360	357	362	356
29 Q	363	360	354	345	340	344	351	352	359	360	363	367	366	361	352	342	334	339	343	352	359	363	364	367	354
30 Q	367	367	365	364	361	363	362	365	368	369	368	368	366	362	351	343	342	347	354	363	369	371	376	375	363
31																									
Mean	359	359	358	354	353	352	349	348	354	357	361	361	352	343	331	320	322	333	343	351	359	364	364	362	350

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 42 Agincourt D = 7° W + ... ′ November 1948

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	22.8	22.7	23.1	22.9	22.7	22.9	23.1	22.2	22.4	23.1	24.1	22.0	21.8	20.9	20.3	25.4	29.1	30.4	31.8	30.4	28.6	26.6	29.2	20.9	24.5
2 D	16.5	13.0	17.6	19.1	17.8	22.3	21.3	56.4	34.5	23.2	21.8	28.6	28.5	20.9	25.3	32.1	33.3	33.1	30.2	31.8	32.0	29.5	27.6	31.8	27.0
3	27.0	19.3	14.1	18.7	22.7	22.5	21.0	21.3	22.0	23.6	22.1	19.4	17.2	16.2	18.3	22.2	29.6	32.0	34.0	35.8	35.5	31.1	27.5	25.6	24.2
4 Q	23.8	23.4	23.3	22.8	23.2	22.9	23.8	22.8	22.4	22.0	21.7	20.3	18.3	16.7	19.2	23.7	27.8	31.1	32.4	29.6	26.9	25.0	24.2	23.7	23.8
5 Q	23.2	22.3	22.8	22.8	22.8	22.8	23.1	22.9	23.1	22.0	17.9	17.7	16.0	15.7	16.4	22.1	26.1	29.8	31.9	30.5	28.6	25.5	24.1	23.4	23.1
6	22.8	22.1	22.2	20.4	22.2	23.0	22.4	22.4	21.3	20.4	20.2	19.4	16.9	14.1	13.3	16.6	21.9	25.8	28.4	28.7	27.4	25.6	24.5	25.1	22.0
7	22.9	22.1	21.9	21.0	20.5	20.5	20.2	20.2	19.2	18.9	18.8	19.5	21.1	17.1	13.8	17.9	21.9	25.2	28.0	28.6	28.8	27.4	27.1	25.5	22.0
8	25.5	23.0	15.5	19.7	20.2	21.3	21.1	21.5	22.8	20.6	19.9	18.6	18.7	15.9	14.2	17.8	24.0	27.6	29.6	29.8	28.5	27.6	26.1	26.7	22.4
9	25.6	21.6	21.6	21.4	21.3	23.5	25.9	20.2	20.7	20.3	19.0	20.5	19.6	19.3	18.1	24.3	28.6	30.4	30.7	29.6	28.0	25.0	23.5	24.4	23.5
10	23.8	22.5	22.5	22.8	22.6	21.6	22.6	21.6	20.5	20.8	19.7	19.9	18.2	16.8	17.5	21.4	25.0	27.0	27.9	27.1	26.2	25.5	24.2	24.4	22.5
11	24.9	22.0	21.7	21.4	22.2	22.3	22.9	21.6	22.7	22.5	20.5	18.9	18.4	17.9	19.0	22.3	26.9	30.2	29.5	27.2	25.1	24.9	24.3	23.2	23.0
12 Q	22.5	21.9	21.7	22.0	22.5	22.5	22.5	22.5	21.9	21.5	21.4	20.5	17.9	16.8	20.3	23.4	26.5	29.2	29.3	27.6	26.1	25.0	23.4	23.2	23.0
13	23.3	23.2	23.1	22.4	22.2	22.2	21.7	21.7	21.5	21.6	21.5	21.4	19.8	17.1	17.5	23.6	31.1	29.4	28.2	27.0	27.6	24.2	24.1	23.2	23.3
14	20.7	21.7	22.5	21.8	22.1	22.6	23.0	22.1	21.4	21.0	20.6	19.0	17.8	17.5	20.0	24.6	27.3	29.1	28.5	26.9	26.3	24.6	23.4	22.9	22.8
15	23.0	22.2	21.4	22.7	22.5	22.6	22.2	23.0	19.9	19.1	19.8	19.5	19.4	17.4	19.3	23.6	28.4	29.9	30.6	34.2	31.4	29.5	25.1	22.6	23.7
16	21.5	21.7	17.8	19.8	23.0	24.1	32.7	22.8	21.5	21.2	20.5	20.5	18.9	17.3	18.2	20.7	24.4	29.4	30.7	28.7	26.6	26.1	24.6	23.8	23.2
17	23.6	23.6	18.9	19.9	19.0	21.2	20.0	21.3	18.9	19.9	27.6	22.7	27.8	24.8	27.1	29.4	32.4	33.3	29.4	28.7	25.4	25.1	23.8	23.3	24.5
18	22.2	21.4	19.0	20.9	18.5	21.2	23.0	30.9	22.1	21.7	20.5	24.5	25.5	25.0	25.6	26.0	27.6	29.7	31.5	29.4	26.8	25.2	23.8	22.3	24.4
19	23.3	22.5	21.8	17.3	7.4	19.0	19.1	26.2	28.0	29.5	20.7	18.1	18.5	18.0	19.8	26.9	30.3	30.3	29.9	29.6	29.0	26.4	24.5	24.1	23.4
20 D	21.6	21.9	20.9	20.6	20.6	21.2	23.4	27.6	19.6	21.7	26.4	50.3	34.8	28.1	25.5	41.6	43.6	30.5	32.5	30.8	25.9	29.0	28.7	27.2	28.1
21 D	14.5	15.9	13.8	24.8	14.0	17.7	28.4	22.4	17.5	21.5	25.4	22.8	23.6	21.5	18.8	22.3	25.0	27.3	29.0	28.5	27.9	27.7	25.2	23.6	22.5
22	19.4	20.6	23.6	23.6	23.6	21.8	29.7	24.4	29.7	24.5	26.3	20.6	26.9	23.6	19.4	23.3	27.6	28.1	29.8	28.6	26.9	25.3	24.6	21.0	24.7
23	18.3	20.6	21.3	21.4	22.9	22.5	23.1	25.3	24.2	22.5	22.1	22.7	21.9	23.3	23.1	23.7	26.5	28.3	29.1	28.4	27.1	26.4	26.3	23.4	23.9
24 D	22.4	23.2	21.8	21.8	25.5	22.5	24.4	29.1	31.3	23.1	24.0	21.9	20.2	20.0	21.9	22.6	25.4	30.1	29.5	29.8	26.7	27.1	29.3	27.9	25.1
25 D	24.3	23.1	23.2	22.4	20.9	17.3	21.0	22.2	30.6	25.5	24.1	23.7	20.1	29.5	33.5	29.1	32.9	27.2	27.7	29.3	28.6	27.4	24.9	24.0	25.5
26	23.3	22.8	23.0	22.8	23.5	23.3	22.9	23.0	23.2	29.2	30.7	30.9	30.9	30.6	28.5	27.3	28.3	27.8	26.6	25.9	24.6	23.9	24.0	23.3	25.8
27	22.9	22.5	22.7	22.3	22.2	23.5	24.7	28.8	20.9	19.5	19.2	28.0	23.3	23.7	24.4	26.6	30.7	27.8	26.7	26.1	25.8	24.9	24.3	23.7	24.4
28	23.5	23.4	22.2	20.4	23.7	22.8	22.2	22.5	25.2	30.8	20.9	19.1	19.5	19.2	19.6	21.6	23.7	25.3	26.1	25.8	25.5	26.1	25.2	24.2	23.3
29 Q	23.7	23.7	22.7	25.6	23.3	21.8	23.7	23.3	22.7	20.7	19.7	20.6	20.4	19.7	20.6	21.7	23.8	25.5	27.0	26.7	25.8	25.8	24.0	23.7	23.2
30 Q	23.7	22.5	22.2	21.6	21.5	21.5	21.6	21.8	21.6	21.0	21.0	21.2	20.6	19.2	18.2	19.9	23.5	26.2	27.3	26.3	25.1	24.6	23.3	22.2	22.4
31																									
Mean	22.6	21.8	21.0	21.6	21.3	21.9	23.3	24.6	23.2	22.5	22.0	22.5	21.5	20.2	20.6	24.2	27.8	28.9	29.5	29.0	27.6	26.4	25.2	24.2	23.9

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 43 Agincourt — Z = 56,000 γ + — November 1948

Hour U.T. / Day	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	Mean
1	292	292	289	291	291	290	290	290	289	285	279	280	282	280	275	273	282	292	297	300	303	304	354	400	296
2 D	365	339	338	318	280	128	066	046	087	146	130	197	248	260	275	292	322	357	357	342	348	410	359	363	266
3	377	351	325	309	309	303	298	293	295	292	286	298	305	306	307	302	305	310	316	319	316	313	316	313	311
4 Q	307	302	298	297	297	297	298	297	297	296	297	297	297	297	294	291	298	298	301	301	298	296	292	291	297
5 Q	294	291	292	292	292	290	291	290	285	275	279	288	291	291	289	289	293	297	300	297	297	297	291	291	291
6	290	290	290	290	289	288	290	290	289	287	287	288	290	285	282	278	278	283	287	290	291	290	287	290	287
7	293	290	290	287	287	288	287	286	286	286	284	283	281	278	273	267	266	275	281	286	291	290	295	296	284
8	301	308	311	307	297	290	285	279	271	278	281	281	283	281	278	268	274	281	284	291	293	296	293	299	288
9	307	302	295	289	287	274	270	277	285	286	283	286	286	286	280	274	280	295	300	301	298	292	286	290	287
10	292	289	289	296	292	291	290	289	286	286	283	286	286	283	277	272	276	280	287	289	289	289	285	286	286
11	293	295	290	289	286	286	283	283	283	283	285	284	284	283	280	280	283	289	291	290	287	290	286	285	286
12 Q	284	282	279	282	281	279	280	280	279	281	279	278	279	279	276	278	282	285	288	291	289	288	285	283	282
13	282	282	282	282	282	282	282	282	281	281	279	279	282	282	278	279	288	289	290	291	294	293	291	288	284
14	287	287	284	281	281	278	281	281	277	275	275	279	279	275	271	271	269	275	284	287	287	284	284	283	280
15	283	282	281	281	278	281	281	278	281	284	284	281	281	278	275	275	278	281	283	287	292	295	301	311	284
16	300	297	297	286	287	271	233	270	280	283	280	282	286	286	286	280	277	283	287	289	286	289	286	286	283
17	285	291	283	279	268	251	264	259	264	256	245	256	267	269	280	286	303	307	315	316	329	309	296	291	282
18	289	290	280	284	281	274	273	246	272	280	275	278	274	285	290	305	298	296	309	308	301	297	295	295	287
19	291	289	286	286	272	265	254	228	212	224	255	274	279	284	283	282	289	288	294	297	305	294	294	294	276
20 D	292	292	287	278	269	249	246	187	234	252	244	214	216	256	265	302	325	369	380	371	368	349	381	423	294
21 D	365	333	308	209	274	260	148	201	251	275	288	291	290	289	285	286	292	293	296	297	298	294	292	290	279
22	289	292	287	285	283	276	273	252	229	227	261	277	270	286	286	286	296	310	313	317	306	295	294	299	283
23	304	298	277	290	286	274	270	277	285	283	281	281	281	280	277	271	277	282	286	289	287	293	288	291	284
24 D	288	287	282	279	264	275	275	253	237	251	264	267	276	276	275	278	280	289	292	295	321	310	304	317	280
25 D	296	290	285	284	280	272	266	261	239	232	232	236	260	264	253	269	285	284	281	291	295	292	288	284	272
26	283	283	279	278	277	277	274	271	259	231	209	226	248	265	257	255	261	271	278	280	278	277	274	277	265
27	274	274	273	273	274	270	255	251	256	272	262	241	238	248	253	257	267	272	277	279	280	277	276	273	266
28	272	271	270	266	273	272	266	263	248	222	220	255	261	266	268	266	268	269	272	275	278	278	275	275	265
29 Q	271	274	274	268	262	268	268	271	274	275	272	270	268	270	270	270	270	274	275	275	276	274	272	274	271
30 Q	270	273	273	270	269	267	269	267	267	267	267	267	264	264	260	258	256	257	261	264	267	267	267	267	266
31																									
Mean	297	294	289	284	282	272	264	260	262	265	265	270	274	278	277	278	284	291	295	297	298	297	296	300	282

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 44 Agincourt — November 1948

Day	Horizontal Intensity						Declination							Vertical Intensity					
	Maximum 15,000 γ +			Minimum 15,000 γ +		Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +		Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1	20	25	406	16	01	334	72	18	57	33.3	23	48	18.5	14.8	23	33	415	14	32	270	145
2 D	21	39	379	7	24	-135	514	7	28	95.1	6	55	3.6	91.5	21	40	435	7	00	-167	602
3	19	22	375	15	32	303	72	20	02	37.3	2	30	4.5	32.8	2	18	400	10	11	280	120
4 Q	23	38	374	15	30	312	62	18	25	32.5	13	06	16.0	16.5	0	37	307	14	24	291	16
5 Q	22	45	376	15	17	311	65	18	41	31.9	14	12	14.6	17.3	18	40	301	9	43	269	32
6	22	10	396	15	38	322	74	19	18	29.2	14	15	12.8	16.4	23	59	302	14	50	278	24
7	1	44	388	16	41	330	58	20	50	29.5	14	18	13.2	16.3	23	59	298	16	38	262	36
8	21	37	389	15	45	330	59	18	48	31.5	14	00	11.3	20.2	2	15	316	15	28	262	54
9	23	30	385	15	55	325	60	18	06	32.3	14	00	15.0	17.3	0	50	310	5	43	260	50
10	23	05	383	14	30	326	57	18	28	28.7	13	52	15.6	13.1	3	27	297	15	36	272	25
11	23	12	381	15	20	332	49	18	22	30.5	13	26	17.7	12.8	0	40	296	15	10	277	19
12 Q	9	04	381	15	57	325	56	17	55	29.6	13	12	16.1	13.5	19	30	292	14	12	276	16
13	9	00	377	15	48	321	56	16	49	32.8	14	40	16.2	16.6	20	35	297	14	55	275	22
14	1	43	383	14	42	321	62	17	30	29.8	13	02	15.7	14.1	20	49	288	14	43	268	20
15	21	40	425	15	51	315	110	19	28	36.1	13	33	16.1	20.0	23	11	316	15	00	275	41
16	8	48	378	6	37	309	69	6	18	44.8	2	25	14.8	30.0	0	03	305	6	38	212	93
17	10	26	385	16	16	295	90	17	34	35.2	4	40	13.4	21.8	20	27	335	11	09	237	98
18	2	19	371	15	10	290	81	7	25	34.5	2	20	14.5	20.0	18	30	311	7	15	237	74
19	11	52	371	3	47	295	76	8	03	38.2	4	00	5.1	33.1	20	05	308	8	17	201	107
20 D	20	40	375	15	27	194	181	11	33	56.3	4	12	14.2	42.1	23	46	435	7	30	144	291
21 D	10	46	355	3	44	215	140	3	27	44.4	2	48	-19.8	64.2	0	13	429	6	17	091	338
22	12	05	379	16	28	269	110	8	10	34.8	0	55	11.4	23.4	19	43	322	8	28	211	111
23	2	28	369	16	26	288	81	19	43	29.4	2	20	14.4	15.0	0	25	306	2	36	264	42
24 D	20	29	372	16	53	298	74	7	55	38.8	20	45	18.6	20.2	20	50	350	8	12	220	130
25 D	19	23	385	15	45	276	109	16	06	41.4	23	14	14.4	27.0	19	24	307	11	04	210	97
26	10	13	372	9	15	311	61	13	01	39.8	8	30	20.9	18.9	1	05	284	10	42	203	81
27	5	55	377	15	30	329	48	16	22	33.6	8	41	17.6	16.0	20	49	286	11	55	228	58
28	11	04	374	8	35	331	43	9	36	36.0	11	00	18.0	18.0	20	15	281	10	03	205	76
29 Q	23	57	370	4	45	331	39	3	55	31.3	10	40	19.3	12.0	19	10	277	3	55	254	23
30 Q	23	45	376	15	41	340	36	18	33	27.4	14	57	17.8	9.6	1	40	273	16	40	255	18
31																					
Mean			380			291	89			36.9			13.4	23.5			322			227	95
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 1948

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	375	372	371	369	370	368	366	366	365	369	369	368	366	365	357	353	354	359	367	373	381	385	386	385	369
2	382	375	369	373	369	372	375	373	376	373	368	375	370	359	344	331	329	334	350	357	370	357	357	354	362
3 Q	360	359	351	343	342	349	345	356	355	360	366	366	361	350	341	333	332	336	353	361	365	368	368	370	354
4	371	369	368	369	369	368	370	369	370	372	365	371	366	359	348	335	332	332	341	348	355	358	364	356	360
5 Q	352	358	352	350	353	358	360	362	362	360	367	368	365	360	355	347	343	346	350	354	362	362	362	364	357
6 D	362	363	358	374	363	340	351	359	359	374	375	378	371	366	350	338	306	332	339	348	341	337	347	357	354
7	361	373	339	330	333	333	342	342	344	340	341	347	337	357	352	329	322	321	332	331	324	350	363	352	342
8	356	357	359	358	357	358	352	352	353	359	363	362	361	356	351	341	336	337	342	353	356	362	341	359	354
9	364	361	354	350	354	348	350	348	351	358	363	361	359	357	351	342	336	332	337	347	354	360	364	363	353
10	362	361	360	356	360	360	365	361	362	365	365	365	365	361	357	350	337	332	331	335	338	346	360	358	355
11	352	349	350	357	357	357	360	358	360	357	357	362	360	350	341	335	324	324	344	346	352	348	353	355	350
12 Q	357	359	356	355	357	355	355	357	359	359	360	357	359	359	357	350	341	339	340	346	354	361	365	367	355
13	368	368	371	371	368	366	365	364	365	365	368	371	371	365	355	337	331	330	336	345	354	350	356	333	357
14	326	322	323	294	288	313	328	338	329	322	350	348	358	355	342	327	318	303	309	323	340	351	348	341	329
15	350	348	346	348	354	354	351	351	346	353	358	360	358	346	327	324	331	328	327	339	353	358	353	340	346
16	343	348	336	340	345	347	354	353	346	350	351	358	351	339	325	315	308	299	303	324	340	349	344	330	338
17	346	344	322	329	348	351	352	351	354	354	354	353	351	349	340	329	320	319	325	338	349	355	354	354	343
18	349	343	346	349	356	358	358	357	358	353	361	365	360	353	334	334	333	326	334	345	355	358	359	359	350
19	356	348	348	351	343	353	349	349	353	353	352	362	361	359	351	338	333	338	341	348	350	354	358	358	350
20	358	356	356	356	358	358	360	360	361	367	370	380	374	359	348	333	329	330	340	351	357	360	360	355	356
21 D	351	356	356	350	351	350	361	343	351	327	336	356	345	344	312	292	307	300	319	334	322	328	334	341	336
22	342	336	332	333	340	346	342	332	327	332	349	353	345	342	345	335	326	324	327	335	342	347	353	344	339
23	347	353	355	353	352	352	355	353	357	358	362	358	359	348	338	327	326	324	332	338	340	348	352	353	347
24	348	344	339	339	324	286	306	337	334	338	344	346	347	344	338	331	324	332	347	347	355	353	359	357	338
25 D	356	358	357	358	358	354	350	347	345	343	343	358	362	352	333	312	293	317	337	340	310	309	347	333	341
26	328	313	311	307	321	327	327	327	337	340	338	339	338	338	335	327	317	313	314	316	324	335	337	337	327
27	338	342	341	332	319	324	334	332	332	339	352	348	357	357	355	348	335	328	321	333	342	347	353	354	340
28 Q	352	352	352	352	352	353	355	355	355	357	358	357	357	351	342	337	335	329	335	340	344	352	357	356	350
29	349	354	352	352	352	355	353	350	352	353	355	356	366	359	349	350	348	345	333	337	342	349	356	356	351
30 D	351	354	351	351	353	354	351	352	356	359	365	370	365	363	365	336	325	313	321	337	322	330	338	329	346
31 D	336	334	342	342	339	345	347	349	345	303	332	359	347	339	300	313	295	318	317	322	333	342	346	348	333
Mean	353	353	349	348	348	349	352	352	352	352	357	361	358	354	343	333	326	327	334	342	346	351	355	352	348

DECLINATION

Mean values for periods of sixty minutes, Universal Time

Table 46 Agincourt D = 7° W + ... ' December 1948

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	21.8	21.0	20.8	20.9	21.6	21.6	21.5	21.1	21.0	20.5	20.4	20.7	20.6	19.8	19.7	21.3	23.5	25.6	26.0	25.7	24.7	24.0	22.7	21.9	22.0
2	22.6	22.5	21.9	21.6	21.3	21.9	22.2	21.7	21.3	20.1	20.4	20.9	19.7	18.0	18.7	22.4	24.5	26.3	27.0	26.1	25.0	26.7	26.0	25.8	22.7
3 Q	23.7	22.4	21.3	20.0	21.5	23.5	22.5	21.8	18.2	20.6	22.8	20.0	20.0	18.7	19.7	21.0	23.1	26.0	27.2	27.3	25.5	24.4	23.5	23.1	22.4
4	22.4	21.7	21.7	21.8	21.9	22.5	22.7	22.9	24.4	22.2	21.3	20.9	20.0	18.8	20.0	22.2	25.8	28.1	29.5	27.9	27.8	25.9	23.9	24.9	23.4
5 Q	22.7	20 7	19.8	21.1	21.6	21.8	22.4	22.4	24.0	21.5	20.5	20.9	19.8	18.6	18.5	20.4	23.6	25.8	26.5	26.2	25.2	25.2	23.7	21.5	22.3
6 D	21.8	21.3	19.1	16.9	17.6	19.5	19.3	20.2	20.7	19.7	19.3	18.8	19.3	18.3	15.5	18.6	24.0	31.0	29.4	32.7	28.1	28.8	25.1	24.3	22.0
7	23.5	16.7	22.5	20.0	21.3	18.6	20.3	20.7	21.7	25.3	24.0	24.6	29.8	24.4	19.9	23.5	24.5	25.1	27.9	30.6	29.9	26.0	25.2	24.7	23.7
8	23.7	22.6	21.1	21.0	21.6	21.1	21.1	21.7	22.7	21.8	21.6	21.6	20.8	19.8	19.8	20.1	22.8	25.4	26.3	26.1	25.5	26.2	22.9	24.3	22.6
9	23.6	22.5	21.0	19.9	21.6	20.8	22.6	22.5	21.0	19.8	22.4	21.9	21.4	20.0	18.4	20.0	21.7	25.0	27.1	28.0	26.8	25.1	23.8	22.8	22.5
10	22.3	21.8	22.0	20.8	22.3	22.7	22.6	21.7	22.0	21.7	21.1	21.3	20.8	20.0	19.6	18.8	23.2	27.4	27.2	25.6	25.8	26.1	24.1	26.1	22.8
11	20.9	18.9	21.7	21.5	22.0	22.5	22.6	22.0	21.7	21.7	29.2	22.3	20.9	21.5	18.3	20.0	21.7	23.2	25.3	25.0	25.9	25.3	25.4	24.4	22.7
12 Q	22.8	21.8	21.1	21.6	21.2	21.3	20.9	21.0	21.2	21.3	21.5	21.7	21.7	21.0	19.7	18.9	19.8	21.8	23.5	24.2	24.8	24.4	23.4	22.8	21.8
13	22.5	22.1	21.7	21.1	21.0	21.4	21.6	21.7	21.5	21.3	21.1	20.8	20.8	19.8	16.6	17.7	20.9	23.8	26.6	30.1	30.4	27.6	34.3	37.0	23.0
14	23.5	22.1	20.2	18.8	13.5	19.0	21.1	21.7	20.3	31.6	20.0	25.3	28.9	26.2	20.1	21.1	22.8	25.8	28.9	31.1	28.3	27.1	26.2	24.3	23.7
15	22.8	21.7	21.1	20.0	22.8	23.9	22.5	23.4	22.6	24.6	23.0	20.8	19.9	19.0	22.6	22.8	24.6	26.1	27.3	26.4	25.4	23.9	24.7	24.6	23.2
16	21.4	22.6	19.9	18.8	21.1	22.8	24.3	23.9	21.1	22.3	23.0	21.1	20.8	20.7	23.4	26.4	30.2	30.8	32.9	30.6	28.2	25.5	24.1	23.6	24.1
17	22.5	21.7	21.7	18.8	22.5	22.6	23.1	23.0	22.5	22.3	21.6	21.5	20.7	18.7	17.7	18.4	20.9	23.8	25.3	26.3	27.0	25.2	24.1	22.0	22.2
18	22.3	21.6	19.9	19.2	21.9	22.4	23.2	23.8	23.2	24.4	22.3	20.8	22.3	21.8	24.4	23.7	23.8	25.4	26.5	26.8	26.3	24.9	23.5	22.8	23.2
19	22.5	21.7	20.9	21.5	21.0	21.1	19.7	21.4	21.6	20.6	23.1	21.6	19.2	19.0	17.8	21.2	23.6	23.2	24.6	24.5	24.5	24.0	23.2	22.9	21.8
20	22.6	22.2	21.6	21.7	22.2	22.4	22.4	22.4	22.0	21.5	21.1	29.8	26.1	24.3	19.5	21.7	24.0	26.0	26.5	26.9	25.8	24.3	23.2	23.1	23.5
21 D	23.1	22.1	21.3	17.6	21.6	21.6	22.4	19.2	28.6	23.4	31.8	18.8	19.5	16.9	20.0	38.1	31.9	31.1	31.8	28.1	28.2	25.5	24.8	23.2	24.7
22	22.7	22.1	21.8	21.3	22.1	22.7	21.8	21.3	26.4	26.7	20.4	20.4	21.3	24.0	20.2	20.8	22.1	23.7	26.0	26.7	26.0	25.6	24.6	24.9	23.2
23	22.7	22.2	21.4	21.3	21.6	22.2	22.7	22.5	23.2	22.2	20.7	20.7	19.7	17.3	17.6	19.8	22.5	25.1	26.7	28.0	27.8	26.6	25.6	22.2	22.6
24	24.5	21.9	21.3	18.9	16.1	23.1	20.7	24.3	24.2	21.6	21.8	22.6	21.6	19.8	18.9	20.0	21.9	23.8	24.4	24.9	26.8	27.2	25.7	24.7	22.6
25 D	22.6	20.8	21.2	19.9	19.5	18.9	19.9	18.8	18.8	17.5	19.9	19.9	17.5	16.8	16.1	21.5	25.2	34.2	30.9	28.5	31.7	30.7	33.9	31.9	23.2
26	27.8	23.6	19.6	20.2	19.7	17.8	19.8	21.7	23.0	23.3	22.6	22.3	21.5	20.8	19.7	20.6	23.0	25.0	26.8	28.7	27.6	27.6	25.6	25.1	23.1
27	23.2	22.1	21.2	21.7	20.1	18.0	18.1	19.0	19.0	17.2	20.2	26.7	23.0	20.6	19.1	18.6	19.6	23.2	26.3	26.9	26.0	24.6	23.4	22.9	21.7
28 Q	22.5	21.7	21.4	21.2	21.2	21.1	20.8	21.5	21.8	21.3	19.9	20.9	20.3	19.6	17.6	16.9	19.2	21.2	22.4	23.6	24.2	24.3	23.2	22.9	21.3
29	20.4	21.5	20.6	21.0	21.6	20.3	21.2	21.2	23.1	20.0	19.0	25.4	24.3	23.0	23.0	24.4	22.4	23.0	25.0	26.1	26.3	25.9	23.9	23.3	22.7
30 D	22.8	21.7	22.1	19.9	21.5	21.6	21.6	24.1	22.4	23.0	21.9	21.7	20.5	19.7	16.8	19.8	25.1	23.6	32.3	27.8	28.7	27.7	20.8	22.6	22.9
31 D	21.1	20.5	20.6	21.5	22.2	22.5	22.5	23.1	23.5	37.1	24.0	19.3	18.5	18.2	22.6	27.0	27.8	25.8	25.5	26.8	26.7	24.6	23.1	22.6	23.6
Mean	22.7	21.6	21.1	20.4	20.9	21.4	21.6	21.8	22.2	22.5	22.0	21.8	21.3	20.2	19.4	21.6	23.6	25.7	27.1	27.2	26.8	25.8	24.7	23.9	22.8

VERTICAL INTENSITY

Mean values for periods of sixty minutes, Universal Time

Table 47 Agincourt — Z = 56,000 γ + — December 1948

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	263	263	263	263	262	260	260	260	261	263	262	262	263	260	256	249	253	257	260	263	266	263	260	260	260
2	259	262	262	262	262	262	261	259	261	259	259	259	259	259	256	254	259	265	270	271	272	274	276	280	264
3 Q	273	270	266	267	267	263	251	246	254	255	254	258	263	263	258	258	259	264	270	270	270	267	266	264	262
4	263	262	260	260	261	260	259	259	257	254	256	259	260	262	260	260	263	265	269	269	272	269	266	268	262
5 Q	271	267	265	262	264	262	259	259	254	245	246	253	258	256	251	244	240	245	251	259	262	262	262	264	256
6 D	263	263	262	256	244	258	257	263	262	255	255	254	255	252	241	243	241	255	262	275	287	290	280	273	260
7	278	257	277	274	248	266	263	258	257	255	248	246	246	248	251	246	248	254	265	272	283	278	276	269	261
8	272	268	267	264	263	262	260	259	257	257	260	260	260	258	260	257	254	257	261	266	263	262	266	267	262
9	265	264	265	265	264	262	259	253	248	239	247	254	257	259	262	258	256	259	262	265	265	268	264	260	259
10	258	260	262	261	261	261	258	257	258	257	257	255	256	257	258	258	258	260	264	266	264	269	263	267	260
11	269	260	269	264	261	259	257	257	257	251	236	233	244	251	253	251	251	263	266	264	263	269	266	263	257
12 Q	259	259	259	258	256	256	256	256	256	256	255	255	255	256	256	250	247	249	253	256	259	261	259	256	256
13	254	254	252	251	250	250	252	252	254	252	252	251	249	248	248	250	252	259	267	270	274	290	314	336	262
14	309	309	285	275	242	247	245	253	239	165	201	225	232	238	241	244	251	257	271	284	283	275	272	272	255
15	271	265	262	259	253	253	247	249	253	254	254	253	256	253	257	254	256	253	258	260	260	260	259	265	257
16	266	266	275	269	264	258	253	249	246	252	252	251	254	254	253	252	249	258	268	278	269	264	264	268	259
17	268	268	266	266	266	264	258	258	258	258	258	256	258	258	258	257	257	259	264	264	264	264	261	258	261
18	257	257	257	254	251	248	252	253	251	241	238	248	251	251	251	248	244	248	254	258	258	258	257	254	251
19	254	256	257	254	248	233	241	248	252	252	245	242	248	253	251	252	253	254	257	258	258	257	254	254	251
20	253	254	253	253	253	252	252	252	252	251	250	238	235	241	244	250	253	253	256	259	262	259	256	256	252
21 D	253	256	256	253	252	252	235	208	180	157	164	203	239	252	241	237	247	269	281	287	277	281	271	263	242
22	261	261	263	262	259	256	255	243	204	204	245	253	252	256	252	245	249	252	259	261	261	258	259	256	251
23	258	258	258	256	255	253	252	252	250	245	245	250	252	255	252	243	249	251	255	257	260	264	262	264	254
24	263	265	260	256	242	225	189	260	278	267	201	201	202	202	202	254	250	254	258	257	257	259	257	255	242
25 D	257	258	260	265	261	260	255	254	248	242	235	242	243	245	242	247	242	281	279	277	293	308	309	308	263
26	319	307	300	284	277	266	264	258	259	259	260	261	260	260	262	259	256	262	274	289	284	276	271	267	272
27	264	266	264	264	257	253	251	247	239	238	235	237	248	256	256	250	241	245	256	260	260	265	262	258	253
28 Q	255	258	255	255	253	252	252	252	247	248	251	252	252	253	253	252	251	249	252	252	255	258	258	256	253
29	258	256	255	253	252	248	246	243	243	235	235	240	241	243	249	250	246	246	252	256	258	261	258	256	249
30 D	254	254	254	252	253	251	247	244	245	246	243	239	245	248	247	247	254	254	265	274	287	291	301	283	257
31 D	277	265	260	257	254	254	253	239	224	166	156	215	242	251	247	254	258	264	263	264	264	262	259	259	247
Mean	266	264	264	261	257	255	252	251	248	241	241	245	250	252	251	251	251	257	263	267	268	269	268	267	257

DAILY EXTREMES OF MAGNETIC ELEMENTS

Table 48 Agincourt — December 1948

Day	Horizontal Intensity							Declination							Vertical Intensity						
	Maximum 15,000 γ +			Minimum 15,000 γ +			Range	Maximum 7° W +			Minimum 7° W +			Range	Maximum 56,000 γ +			Minimum 56,000 γ +			Range
	h.	m.	γ	h.	m.	γ	γ	h.	m.	′	h.	m.	′	′	h.	m.	γ	h.	m.	γ	γ
1 Q	23	02	390	16	20	350	40	18	52	26.7	14	38	17.7	9.0	20	43	266	15	28	249	17
2	1	02	385	16	08	325	60	23	10	28.7	13	19	16.7	12.0	23	12	282	15	45	253	29
3 Q	23	50	372	16	50	330	42	18	46	28.2	9	10	16.6	11.6	0	01	274	7	32	244	30
4	9	32	372	17	45	329	43	18	22	30.0	13	30	18.6	11.4	20	58	272	9	14	250	22
5 Q	11	22	371	15	58	341	30	8	42	26.8	13	48	18.0	8.8	0	20	274	16	40	240	34
6 D	3	56	391	16	15	296	95	20	00	36.1	3	51	10.2	25.9	21	15	298	16	18	234	64
7	2	54	402	2	12	301	101	2	00	52.9	1	28	0.8	52.1	1	17	305	1	58	218	87
8	21	25	366	22	24	322	44	22	08	27.1	15	00	18.7	8.4	0	20	272	16	38	252	20
9	0	33	368	17	55	327	41	19	12	28.7	14	48	17.1	11.6	21	18	270	9	52	236	34
10	22	56	366	20	32	326	40	17	52	28.3	3	38	18.0	10.3	21	00	270	15	34	253	17
11	0	57	381	17	25	315	66	10	30	33.8	0	45	5.6	28.2	0	42	275	10	40	228	47
12 Q	23	20	368	17	26	334	34	20	58	25.2	15	22	18.4	6.8	21	15	262	16	08	246	16
13	11	53	375	17	20	326	49	22	18	38.2	14	40	12.8	25.4	23	30	345	14	37	245	100
14	12	41	368	4	13	264	104	9	31	40.8	4	18	16.4	24.4	0	01	316	9	35	136	180
15	21	53	369	15	37	320	49	18	35	28.0	13	43	18.0	10.0	0	01	277	6	29	242	35
16	7	31	359	18	07	286	73	18	10	34.3	3	04	18.1	16.2	19	08	283	16	43	243	40
17	21	15	358	2	10	305	53	2	05	34.1	2	58	15.3	18.8	2	14	271	15	40	255	16
18	11	35	367	17	05	324	43	19	43	27.1	3	48	18.2	8.9	20	00	258	10	08	230	28
19	12	08	364	15	39	332	32	11	01	27.0	14	18	17.0	10.0	2	12	258	5	34	218	40
20	11	35	394	17	33	325	69	11	34	33.4	14	45	16.7	16.7	20	35	263	11	55	228	35
21 D	11	00	369	15	16	281	88	10	42	43.4	3	30	14.6	28.8	19	19	291	10	42	134	157
22	9	58	357	9	12	302	55	9	27	34.2	9	58	18.2	16.0	3	05	263	8	42	164	99
23	23	37	359	17	23	322	37	20	20	28.8	23	28	16.1	12.7	23	23	269	10	10	243	26
24	22	20	363	5	10	239	124	6	02	36.7	3	24	9.9	26.8	8	55	281	5	46	142	139
25 D	11	37	372	16	06	280	92	17	28	38.8	14	45	6.1	32.7	22	45	319	10	37	225	94
26	0	09	345	3	18	295	50	0	12	30.0	5	18	17.3	12.7	0	17	336	16	10	254	82
27	12	45	359	4	18	311	48	11	49	31.3	9	40	15.6	15.7	21	30	266	10	44	230	36
28 Q	11	51	359	17	18	324	35	21	34	24.8	15	09	15.5	9.3	22	10	259	9	25	247	12
29	12	45	368	18	40	327	41	21	00	27.3	10	28	17.7	9.6	21	28	261	9	24	230	31
30 D	14	03	377	17	30	306	71	18	41	37.6	14	25	13.3	24.3	22	35	329	11	35	239	90
31 D	11	23	377	9	40	256	121	9	54	58.1	10	38	9.6	48.5	0	18	285	10	30	097	188
Mean			370			310	60			33.1			14.9	18.2			282			223	59
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 1948

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	+8	+6	+5	+4	+3	+3	+6	+7	+7	+9	+11	+11	+10	+5	-7	-19	-30	-30	-22	-9	+2	+9	+11	+9
February	+7	+7	+5	+4	+5	+4	+3	+3	+4	+3	+8	+11	+4	0	-8	-18	-24	-22	-14	-5	+2	+10	+9	+10
March	+14	+13	+11	+11	+6	-3	-10	-5	0	-1	+3	+8	+3	-8	-21	-34	-36	-27	-11	+4	+15	+20	+21	+18
April	+15	+10	+6	+4	+3	-2	+3	+5	+6	+6	+5	+4	-5	-17	-29	-37	-34	-21	-8	+6	+18	+22	+21	+18
May	+16	+8	+1	0	-6	-6	-9	-10	-11	-10	-9	-13	-16	-20	-30	-32	-21	-6	+13	+27	+32	+36	+31	+28
June	+10	+6	+3	+1	-1	-1	-7	-2	-2	-3	-3	-3	-10	-17	-28	-34	-23	-5	+10	+22	+30	+28	+21	+15
July	+11	+4	+4	+1	0	+1	0	+2	-1	-1	-4	-8	-13	-23	-33	-36	-22	-6	+9	+20	+25	+24	+21	+19
August	+18	+14	+10	+9	+3	-3	-25	-21	-29	-16	-12	-8	-18	-25	-34	-37	-24	-6	+16	+30	+42	+44	+38	+24
September	+13	+10	+10	+8	+5	+5	+3	+1	+3	+3	+6	+1	-9	-22	-34	-38	-32	-18	-3	+11	+19	+19	+20	+14
October	+29	+22	+13	+9	+1	-15	-20	-19	-13	-1	+10	+5	-5	-17	-25	-29	-23	-10	+2	+14	+21	+22	+22	+19
November	+9	+9	+8	+4	+3	+2	-1	-2	+4	+7	+11	+11	+2	-7	-19	-30	-28	-17	-7	+1	+9	+14	+14	+12
December	+5	+5	+1	0	0	+1	+4	+4	+4	+4	+9	+13	+10	+6	-5	-15	-22	-21	-14	-6	-2	+3	+7	+4
Year	+12.9	+9.5	+6.4	+4.6	+1.8	-1.2	-4.4	-3.1	-2.3	0.0	+2.9	+2.7	-3.9	-12.1	-22.8	-29.9	-26.6	-15.8	-2.4	+9.6	+17.8	+20.9	+19.7	+15.8
Winter	+7.2	+6.8	+5.0	+3.0	+2.8	+2.5	+3.0	+3.0	+4.8	+5.8	+9.8	+11.5	+6.5	+1.0	-9.8	-20.5	-26.0	-22.5	-14.2	-4.8	+2.8	+9.0	+10.2	+8.8
Equinox	+17.8	+13.8	+10.0	+8.0	+3.8	-3.8	-6.0	-4.5	-1.0	+1.8	+6.0	+4.5	-4.0	-16.0	-27.2	-34.5	-31.2	-19.0	-5.0	+8.8	+18.2	+20.8	+21.0	+17.2
Summer	+13.8	+8.0	+4.2	+2.8	-1.0	-2.2	-10.2	-7.8	-10.8	-7.5	-7.0	-8.0	-14.2	-21.2	-31.2	-34.8	-22.5	-5.8	+12.0	+24.8	+32.2	+33.0	+27.8	+21.5

DECLINATION (minutes) (All Days)

Table 50 Agincourt 1948

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	+1.4	+1.9	+2.5	+2.4	+1.8	+0.8	+0.4	+0.5	+0.9	+1.4	+1.4	+1.2	+3.4	+3.9	+2.1	-0.7	-3.6	-5.4	-5.5	-4.7	-3.3	-2.0	-0.7
February	-0.1	+0.7	+1.3	+1.6	+2.3	+1.4	+1.3	+0.8	+1.4	+1.7	+1.7	+2.1	+1.9	+3.1	+3.3	+1.3	-1.4	-3.6	-4.5	-4.9	-4.5	-2.9	-2.2	-1.7
March	+0.8	+1.1	+1.6	+2.2	+2.9	+1.3	0.0	+0.8	+2.1	+1.5	+0.5	+1.5	+4.2	+6.5	+5.6	+2.0	-3.0	-6.0	-7.5	-7.0	-6.0	-3.9	-2.1	+0.1
April	+0.1	+0.8	+1.2	+1.5	+2.3	+1.4	+1.8	+1.7	+1.7	+2.1	+3.1	+5.4	+7.0	+7.1	+5.3	+1.2	-3.7	-7.5	-9.4	-9.1	-7.3	-4.8	-2.3	-0.6
May	+0.8	+0.8	+1.6	+1.4	+0.9	+0.7	+1.5	+0.6	-0.4	+1.4	+4.8	+6.0	+6.9	+5.9	+3.1	-1.4	-5.1	-6.7	-7.4	-7.0	-5.0	-2.7	-0.6	+0.7
June	+0.1	+0.1	+0.2	+0.1	+0.1	-0.2	-0.4	+0.9	+1.4	+3.0	+5.1	+7.8	+9.1	+7.7	+5.0	+0.1	-5.0	-7.4	-8.2	-7.4	-5.7	-3.8	-1.9	-0.2
July	-0.2	-0.4	-0.4	-0.2	+0.9	+0.8	+0.5	+0.4	+0.4	+2.6	+4.9	+6.9	+9.0	+7.9	+4.4	-0.7	-4.8	-7.1	-8.0	-6.9	-5.3	-3.4	-1.6	-0.2
August	-0.1	+0.9	+1.9	+1.7	+1.7	+0.9	-1.1	+1.3	+2.2	+1.6	+3.8	+7.5	+7.9	+6.9	+3.4	-2.7	-6.8	-8.7	-8.8	-7.1	-4.3	-2.1	+0.3	+0.6
September	-0.4	+0.7	+1.1	+0.5	+0.6	+1.7	+3.0	+3.2	+2.8	+2.8	+3.4	+5.3	+5.5	+5.3	+2.4	-2.1	-5.8	-7.7	-8.1	-6.6	-4.2	-2.1	-1.1	-0.5
October	+0.8	+1.7	+1.9	+1.5	+0.8	-1.0	-0.2	+1.1	+2.4	+4.6	+2.3	+0.5	+1.0	+2.2	+1.0	-1.2	-4.1	-5.1	-4.4	-3.0	-2.1	-1.3	+0.2	+1.0
November	+1.3	+2.1	+2.9	+2.3	+2.6	+2.0	+0.6	-0.7	+0.7	+1.4	+1.9	+1.4	+2.4	+3.7	+3.3	-0.3	-3.9	-5.0	-5.6	-5.1	-3.7	-2.5	-1.3	-0.3
December	+0.1	+1.2	+1.7	+2.4	+1.9	+1.4	+1.2	+1.0	+0.6	+0.3	+0.8	+1.0	+1.5	+2.6	+3.4	+1.2	-0.8	-2.9	-4.3	-4.4	-4.0	-3.0	-1.9	-1.1
Year	+0.3	+0.9	+1.4	+1.5	+1.6	+1.0	+0.8	+1.0	+1.3	+2.0	+2.8	+3.9	+4.8	+5.2	+3.7	0.0	-3.8	-5.9	-6.8	-6.2	-4.7	-3.0	-1.4	-0.2
Winter	+0.4	+1.4	+2.0	+2.2	+2.3	+1.6	+1.0	+0.4	+0.8	+1.1	+1.4	+1.5	+1.8	+3.2	+3.5	+1.1	-1.7	-3.8	-5.0	-5.0	-4.2	-2.9	-1.8	-1.0
Equinox	+0.3	+1.1	+1.4	+1.4	+1.6	+0.8	+1.2	+1.7	+2.2	+2.8	+2.3	+3.2	+4.4	+5.3	+3.6	0.0	-4.2	-6.6	-7.4	-6.4	-4.9	-3.0	-1.3	0.0
Summer	+0.2	+0.4	+0.8	+0.8	+0.9	+0.6	+0.1	+0.8	+0.9	+2.2	+4.6	+7.0	+8.2	+7.1	+4.0	-1.2	-5.4	-7.5	-8.1	-7.1	-5.1	-3.0	-1.0	+0.2

VERTICAL INTENSITY (gammas) (All Days)

Table 51 Agincourt 1948

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	+6	+6	+3	0	-1	-1	-4	-7	-7	-5	-5	-4	-3	-4	-7	-3	+1	+6	+9	+9	+9	+7	-3
February	+12	+9	+9	+5	+1	-1	-3	-8	-14	-14	-12	-10	-8	-7	-6	-7	-5	0	+3	+7	+11	+13	+11	+12
March	+17	+14	+9	+6	-5	-15	-23	-18	-18	-25	-21	-15	-6	-1	0	-2	+2	+8	+12	+16	+16	+18	+18	+17
April	+15	+11	+8	+1	-8	-11	-8	-12	-11	-11	-10	-7	-5	-7	-7	-7	-3	+1	+4	+9	+14	+15	+14	+14
May	+23	+15	+6	+1	-17	-17	-25	-31	-29	-21	-14	-14	-10	-6	-4	-5	0	+4	+13	+21	+26	+28	+32	+30
June	+13	+9	+6	0	-6	-11	-15	-9	-5	-2	-2	-2	-3	-5	-6	-8	-7	-4	-1	+5	+12	+15	+17	+16
July	+13	+9	+6	+1	-2	-7	-11	-12	-12	-6	-6	-9	-7	-6	-6	-6	-6	-3	+1	+6	+11	+14	+13	+14
August	+20	+18	+12	0	-11	-23	-38	-40	-31	-18	-14	-7	-9	-7	-5	-4	0	+5	+16	+23	+29	+27	+28	+24
September	+15	+10	+8	+2	-8	-12	-12	-14	-18	-18	-15	-12	-11	-9	-6	-3	+1	+5	+9	+13	+15	+16	+18	+16
October	+23	+17	+12	+6	-8	-25	-35	-38	-31	-27	-22	-21	-14	-4	0	+1	+7	+15	+21	+24	+25	+25	+28	+27
November	+15	+12	+7	+2	0	-10	-18	-22	-20	-17	-17	-12	-8	-4	-5	-4	+2	+9	+13	+15	+16	+15	+14	+18
December	+9	+7	+7	+4	0	-2	-5	-6	-9	-16	-16	-12	-7	-5	-6	-6	-6	0	+6	+10	+11	+12	+11	+10
Year	+15.1	+11.4	+8.0	+2.6	-5.3	-11.2	-16.2	-17.8	-17.1	-15.2	-12.8	-10.5	-7.7	-5.3	-4.6	-4.8	-1.5	+3.4	+8.6	+13.2	+16.2	+17.2	+17.6	+16.2
Winter	+10.5	+8.5	+7.2	+3.5	+0.2	-3.5	-6.8	-10.0	-12.5	-13.5	-12.5	-9.8	-6.8	-4.8	-5.2	-6.0	-3.0	+2.5	+7.0	+10.2	+11.8	+12.2	+10.8	+9.2
Equinox	+17.5	+13.0	+9.2	+3.8	-7.2	-15.8	-19.5	-20.5	-19.5	-20.2	-17.0	-13.8	-9.0	-5.2	-3.2	-2.8	+1.8	+7.2	+11.5	+15.5	+17.5	+18.5	+19.5	+18.5
Summer	+17.2	+12.8	+7.5	+0.5	-9.0	-14.5	-22.2	-23.0	-19.2	-11.8	-9.0	-8.0	-7.2	-6.0	-5.2	-5.8	-3.2	+0.5	+7.2	+13.8	+19.5	+21.0	+22.5	+21.0

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 1948

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	+9	+9	+8	+7	+9	+6	+7	+8	+9	+9	+9	+8	+6	-1	-12	-25	-36	-36	-25	-8	+4	+12	+12	+11
February	+6	+4	+6	+5	+5	+6	+5	+5	+7	+6	+6	+7	+5	0	-7	-17	-25	-25	-16	-5	+2	+6	+6	+8
March	+11	+10	+10	+8	+7	+6	+6	+8	+9	+11	+11	+9	0	-12	-27	-36	-40	-31	-16	-1	+13	+17	+16	+13
April	+11	+13	+11	+9	+11	+9	+10	+11	+12	+10	+10	+6	0	-12	-27	-40	-43	-32	-17	-3	+8	+16	+14	+13
May	+8	+6	+7	+8	+8	+5	+4	+3	+1	-1	-2	-10	-16	-24	-32	-29	-17	-6	+7	+13	+18	+21	+16	+11
June	+4	+1	+1	-1	+1	-2	-2	-2	-2	-4	-3	-4	-9	-16	-26	-28	-21	-2	+15	+25	+28	+24	+15	+8
July	+13	+7	+4	+2	+1	+1	+1	+3	-1	-4	-4	-7	-14	-24	-32	-35	-24	-8	+8	+19	+23	+26	+23	+21
August	+11	+10	+9	+9	+9	+8	+8	+7	+4	+1	0	-3	-12	-26	-38	-37	-26	-11	+4	+13	+19	+17	+17	+11
September	+10	+12	+12	+11	+12	+11	+11	+10	+7	+9	+11	+6	-5	-19	-31	-43	-37	-23	-12	+2	+12	+14	+12	+9
October	+12	+13	+13	+7	+8	+8	+11	+11	+10	+9	+10	+5	-6	-20	-33	-35	-26	-18	-8	-2	+3	+7	+10	+11
November	+12	+11	+8	+6	+4	+5	+7	+8	+9	+10	+9	+8	+3	-11	-24	-32	-32	-25	-14	-3	+5	+10	+13	+12
December	+6	+7	+3	0	+1	+2	+1	+4	+4	+5	+8	+7	+5	0	-8	-14	-18	-17	-10	-5	-1	+5	+7	+7
Year	+9.4	+8.6	+7.7	+5.9	+6.3	+5.4	+5.8	+6.3	+5.8	+5.1	+5.4	+2.7	-3.6	-13.8	-24.8	-30.9	-28.8	-19.5	-7.0	+3.8	+11.2	+14.6	+13.4	+11.2
Winter	+8.2	+7.8	+6.2	+4.5	+4.8	+4.8	+5.0	+6.2	+7.2	+7.5	+8.0	+7.5	+4.8	-3.0	-12.8	-22.0	-27.8	-25.8	-16.2	-5.2	+2.5	+8.2	+9.5	+9.5
Equinox	+11.0	+12.0	+11.5	+8.8	+9.5	+8.5	+9.5	+10.0	+9.5	+9.8	+10.5	+6.5	-2.8	-15.8	-29.5	-38.5	-36.5	-26.0	-13.2	-1.0	+9.0	+13.5	+13.0	+11.5
Summer	+9.0	+6.0	+5.2	+4.5	+4.8	+3.0	+2.8	+2.8	+0.5	-2.0	-2.2	-6.0	-12.8	-22.5	-32.0	-32.2	-22.0	-6.8	+8.0	+17.5	+22.0	+22.0	+17.8	+12.8

DECLINATION (minutes) (Quiet Days)

Table 53 Agincourt 1948

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	+0.4	+0.9	+1.2	+1.0	+0.8	+0.7	+0.7	+0.4	+0.3	+0.8	+1.3	+1.1	+1.9	+3.8	+5.0	+3.3	0.0	-3.6	-5.2	-5.4	-4.6	-3.1	-1.6	-0.2
February	-0.9	-0.2	+0.6	+0.5	+0.4	+0.1	+0.4	+0.2	+0.2	+1.1	+0.8	+1.6	+1.8	+3.4	+4.2	+3.4	+0.9	-1.9	-4.0	-4.3	-3.2	-2.0	-1.7	-1.4
March	+0.3	+0.8	+0.8	+0.2	+0.1	0.0	+0.4	+0.6	+0.8	+0.8	+1.0	+2.4	+5.4	+7.0	+7.9	+4.7	-0.5	-4.8	-7.4	-7.5	-6.5	-4.0	-2.0	-0.5
April	+0.5	+0.5	+0.9	+1.4	+1.8	+1.2	+1.5	+1.8	+1.8	+1.8	+3.1	+4.8	+6.6	+7.4	+5.6	+1.8	-3.2	-6.6	-8.9	-8.8	-7.0	-4.9	-2.6	-0.2
May	+0.6	+0.6	+0.4	-0.4	0.0	+0.3	+0.7	+0.8	+1.4	+2.7	+5.1	+7.2	+8.7	+5.9	+2.6	-1.9	-5.1	-6.9	-6.9	-7.1	-5.8	-2.9	-0.6	+0.6
June	-0.4	-0.4	-0.6	-0.5	0.0	+1.0	+1.4	+0.8	+1.4	+3.1	+5.0	+6.5	+7.8	+6.9	+4.4	-0.3	-4.4	-6.9	-7.6	-6.3	-5.0	-3.4	-1.8	-0.8
July	+0.1	-0.4	-0.8	-0.3	+0.1	0.0	-0.5	+0.6	+1.2	+3.0	+5.6	+7.8	+8.7	+6.9	+3.4	-1.4	-5.0	-6.8	-7.0	-6.0	-4.8	-2.9	-1.3	-0.3
August	-0.2	-0.2	+0.3	+0.4	+0.6	+0.7	+1.1	+1.6	+2.0	+2.9	+4.7	+7.9	+9.4	+8.5	+4.7	-1.4	-6.2	-9.7	-10.5	-8.5	-5.7	-2.5	-0.2	+0.4
September	-0.5	-0.6	-0.2	0.0	+0.1	+0.2	+1.1	+1.1	+0.7	+1.9	+3.6	+5.2	+6.6	+6.8	+5.0	+0.3	-3.9	-6.4	-7.0	-6.2	-4.2	-2.4	-1.3	0.0
October	-1.3	-0.9	+0.2	+0.8	+1.9	+0.4	+0.2	+1.0	+1.9	+1.4	+2.3	+3.3	+5.0	+5.6	+3.9	0.0	-2.9	-4.9	-5.6	-3.8	-2.9	-2.4	-2.0	-1.2
November	0.0	+0.6	+0.8	+0.4	+0.6	+1.0	+0.3	+0.6	+0.9	+1.7	+2.8	+3.0	+4.4	+5.4	+4.1	+0.8	-2.6	-5.4	-6.7	-5.3	-3.7	-2.4	-1.0	-0.5
December	-0.2	+0.9	+1.5	+1.4	+0.9	+0.4	+0.6	+0.6	+0.9	+1.1	+1.0	+1.2	+1.5	+2.3	+2.8	+2.1	-0.1	-2.4	-3.5	-3.8	-3.3	-3.0	-1.9	-1.1
Year	-0.1	+0.1	+0.4	+0.4	+0.6	+0.5	+0.7	+0.8	+1.1	+1.9	+3.0	+4.3	+5.6	+5.8	+4.5	+1.0	-2.8	-5.5	-6.7	-6.1	-4.7	-3.0	-1.5	-0.4
Winter	-0.2	+0.6	+1.0	+0.8	+0.7	+0.6	+0.5	+0.4	+0.6	+1.2	+1.5	+1.7	+2.4	+3.7	+4.0	+2.4	-0.4	-3.3	-4.8	-4.7	-3.7	-2.6	-1.6	-0.8
Equinox	-0.2	0.0	+0.4	+0.6	+1.0	+0.4	+0.8	+1.1	+1.3	+1.5	+2.5	+3.9	+5.9	+6.7	+5.6	+1.7	-2.6	-5.7	-7.2	-6.6	-5.2	-3.4	-2.0	-0.5
Summer	0.0	-0.1	-0.2	-0.2	+0.2	+0.5	+0.7	+1.0	+1.5	+2.9	+5.1	+7.4	+8.6	+7.0	+3.8	-1.2	-5.2	-7.6	-8.0	-7.0	-5.3	-2.9	-1.0	0.0

VERTICAL INTENSITY (gammas) (Quiet Days)

Table 54 Agincourt 1948

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	+1	0	0	-3	-4	-2	-2	-1	-2	-3	-2	-1	0	-1	-4	-4	0	+3	+6	+7	+5	+3	+2
February	+2	+1	0	0	0	-2	-2	-3	-3	-3	-3	-3	0	0	-1	-4	-3	0	+1	+4	+5	+6	+4	+3
March	+3	0	-1	-4	-1	-1	-2	-2	-2	-3	-2	0	+2	0	-2	-4	-3	-3	+1	+3	+4	+6	+7	+4
April	+4	0	-1	-1	-3	-2	-2	-2	-2	-3	0	+1	+1	-2	-6	-9	-9	-4	+1	+4	+10	+10	+6	+7
May	+12	+5	+3	0	-3	-2	-3	-2	-2	0	0	-4	-8	-10	-10	-13	-11	-8	-1	+4	+8	+14	+16	+15
June	+3	+1	0	0	-1	-2	-3	-3	-2	+1	+3	+3	0	-2	-1	-4	-4	-4	-5	0	+3	+4	+6	+5
July	+7	+5	+3	0	-1	-2	-7	-8	-4	-1	+2	+1	-1	-3	-4	-7	-9	-5	0	+5	+6	+8	+7	+8
August	+4	+1	0	-1	-1	-2	-2	-2	-2	+1	+2	+1	-2	-5	-7	-8	-6	-3	+1	+3	+6	+8	+9	+6
September	+4	+2	0	-1	-4	-6	-10	-8	-9	-7	-3	+1	+1	0	0	-2	-1	+3	+4	+5	+6	+8	+9	+6
October	+4	+1	0	-1	-5	-2	-1	-1	0	-2	-2	+1	+2	+1	-1	-6	-9	-2	+3	+3	+5	+4	+5	+5
November	+1	+1	0	-2	-3	-3	-1	-2	-2	-3	-3	-2	-1	-1	-3	-3	-1	-3	+5	+6	+6	+5	+2	+2
December	+4	+3	+2	+1	+1	0	-3	-4	-4	-5	-5	-2	+1	0	-2	-6	-6	-3	+1	+4	+6	+7	+6	+5
Year	+4.1	+1.8	+0.5	-0.8	-2.0	-2.3	-3.2	-3.2	-2.8	-2.2	-1.2	-0.4	-0.5	-1.8	-3.2	-5.8	-5.5	-2.2	+1.2	+3.9	+6.0	+7.1	+6.7	+5.7
Winter	+2.0	+1.5	+0.5	-0.2	-1.2	-2.2	-2.0	-2.8	-2.5	-3.2	-3.5	-2.2	-0.2	-0.2	-1.8	-4.2	-3.5	-0.2	+2.5	+5.0	+6.0	+6.8	+3.8	+3.0
Equinox	+3.8	+0.8	-0.5	-1.8	-3.2	-2.8	-3.8	-3.2	-3.2	-3.8	-1.8	+0.8	+1.5	-0.2	-2.2	-5.2	-5.5	-1.5	+2.2	+3.8	+6.2	+7.0	+6.8	+5.5
Summer	+6.5	+3.0	+1.5	-0.2	-1.5	-2.0	-3.8	-3.8	-2.5	+0.2	+1.8	+0.2	-2.8	-5.0	-5.5	-8.0	-7.5	-5.0	-1.2	+3.0	+5.8	+8.5	+9.5	+8.5

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 1948

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	+9	+7	+2	-9	-6	+4	+9	+13	+19	+22	+18	+20	+13	-2	-23	-37	-43	-32	-14	-1	+6	+9	+7
February	+9	+11	+11	+8	+9	+7	-1	-3	-5	-13	+3	+12	-8	-5	-16	-22	-26	-18	-8	-5	+7	+21	+12	+18
March	+38	+32	+23	+24	+4	-52	-100	-74	-48	-56	-34	+1	+12	+7	0	-17	-30	-9	+17	+47	+55	+57	+54	+48
April	+28	+17	-3	-4	-5	-33	-12	-10	-10	+1	+4	+4	-15	-23	-25	-26	-17	-3	-2	+16	+24	+27	+34	+32
May	+36	+22	+11	+2	-35	-29	-52	-53	-51	-37	-22	-29	-20	-3	-24	-22	-23	-6	+20	+39	+59	+76	+68	+72
June	+21	+14	+6	-4	-10	-3	-31	-2	-7	-12	-12	-6	-11	-12	-32	-47	-24	-3	+10	+25	+35	+36	+40	+31
July	+19	+2	-1	0	-3	+1	+5	+2	-1	-8	-13	-13	-9	-22	-31	-33	-23	-3	+9	+22	+27	+19	+24	+33
August	+55	+35	+23	+15	-6	-41	-178	-130	-171	-75	-54	-21	-39	-32	-25	-29	-10	+13	+73	+97	+124	+157	+137	+83
September	+15	+6	+9	+3	+1	-4	-8	-18	-12	-7	+9	-1	-15	-19	-23	-30	-24	-12	+4	+22	+35	+27	+22	+22
October	+110	+62	+7	-3	-46	-87	-114	-107	-108	-64	+7	-12	+1	-9	-7	-14	-6	+18	+37	+59	+70	+55	+58	+91
November	+11	+12	+10	+1	-4	-12	-21	-41	-8	+6	+12	+15	-1	+2	-20	-34	-30	-4	+2	+10	+27	+22	+22	+22
December	+5	+7	+7	+10	+8	+4	+8	+6	+8	-2	+8	+22	+16	+12	-9	-22	-85	-24	-13	-3	-13	-9	+5	+4
Year	+29.7	+19.1	+9.2	+4.5	-8.0	-21.2	-41.7	-35.0	-33.6	-20.7	-5.8	-0.8	-5.8	-7.6	-17.8	-26.6	-23.8	-7.8	+9.8	+26.2	+37.4	+41.2	+40.4	+38.6
Winter	+8.8	+9.8	+8.8	+5.2	+1.0	-1.8	-2.5	-7.2	+2.0	+2.5	+11.2	+16.8	+6.8	+5.5	-11.8	-25.2	-32.0	-22.2	-12.8	-3.0	+5.0	+10.0	+12.0	+12.8
Equinox	+47.8	+29.2	+9.0	+5.0	-11.5	-44.0	-58.5	-52.2	-44.5	-31.5	-3.5	-2.0	-4.2	-11.0	-13.8	-21.8	-19.2	-1.5	+14.0	+36.0	+46.0	+41.5	+42.0	+48.2
Summer	+32.8	+18.2	+9.8	+3.2	-13.5	-18.0	-64.0	-45.8	-58.2	-33.0	-25.2	-17.2	-19.8	-17.2	-28.0	-32.8	-20.0	+0.2	+28.0	+45.8	+61.2	+72.0	+67.2	+54.8

DECLINATION (minutes) (Disturbed Days)

Table 56 Agincourt 1948

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	+1.8	+3.4	+4.5	+5.4	+3.4	+2.0	+0.5	+1.4	+1.9	+1.1	+0.5	-2.1	+3.5	+1.5	-0.3	-0.6	-2.8	-6.3	-6.8	-6.2	-3.5	-2.0	-1.1
February	+2.6	+1.5	+2.0	+2.8	+5.3	+3.4	+3.4	+0.9	+4.2	+3.0	+3.5	+1.5	-1.2	-1.4	+0.9	-2.2	-3.2	-4.8	-4.7	-5.4	-4.8	-4.2	-1.8	-1.3
March	+4.5	+5.8	+7.1	+8.5	+7.2	+2.4	-4.0	+0.1	+4.8	+2.7	-6.6	-4.8	+0.4	+6.6	+2.1	+0.1	-6.1	-7.8	-9.5	-6.4	-6.1	-3.4	-1.0	+3.2
April	-1.8	-0.7	+2.7	+1.0	+4.4	+0.3	+3.0	+1.1	+2.4	+4.0	+5.5	+6.8	+6.2	+5.1	+3.6	-0.5	-4.9	-7.2	-9.5	-7.5	-6.8	-4.7	-2.4	-0.2
May	+1.5	+1.5	+5.1	+3.5	-1.2	-1.6	+3.9	+2.8	-2.4	-0.2	+4.8	+3.3	+7.6	+4.9	+2.3	-2.3	-5.1	-7.5	-9.2	-8.0	-4.4	-2.1	+0.1	+2.9
June	+0.7	+2.2	+1.5	+0.5	-3.2	-1.4	-1.7	+1.9	+3.1	+3.1	+3.3	+8.5	+10.8	+8.6	+6.4	0.0	-8.0	-8.9	-9.9	-8.0	-5.4	-3.8	-0.9	+0.7
July	+0.2	+0.3	+1.6	+2.4	+3.5	+2.4	-0.1	-0.7	+0.3	+2.2	+3.9	+5.1	+9.0	+7.6	+3.4	-3.0	-5.7	-7.2	-7.5	-5.9	-4.9	-3.8	-2.4	-0.6
August	-0.1	+3.3	+1.1	+0.5	-0.6	-2.5	-14.7	+2.4	+5.3	+2.0	+4.7	+9.2	+8.3	+7.1	+1.0	-4.5	-7.1	-7.3	-6.4	-4.8	-1.2	-0.6	+3.6	+1.1
September	+1.5	+5.6	+3.8	+3.9	+1.2	+3.2	+5.4	+6.5	+4.8	+3.1	+1.1	+2.5	-2.8	-0.6	-1.4	-4.5	-7.1	-7.8	-7.2	-5.5	-3.1	-2.1	-0.5	+0.2
October	+2.7	+3.8	+3.9	-4.7	-2.1	-2.7	-2.8	-2.2	-3.9	+7.2	+3.2	-7.3	-2.8	+1.6	-0.2	-1.0	-4.9	-3.2	-0.8	+1.4	+2.8	+2.7	+3.4	+6.1
November	+4.8	+5.3	+5.4	+3.2	+5.2	+4.9	+1.5	-6.3	-1.4	+2.4	+1.2	-3.9	+0.2	-1.8	+0.8	-3.6	-6.0	-3.5	-3.6	-3.8	-1.9	-1.7	-0.6	-0.3
December	+0.2	+1.3	+1.8	+3.5	+2.3	+2.0	+1.8	+1.9	+0.3	-1.0	-0.2	+3.5	+4.3	+5.4	+5.3	-1.4	-3.2	-5.5	-6.2	-5.0	-4.8	-3.5	-1.6	-0.9
Year	+1.5	+2.6	+3.3	+2.5	+2.3	+1.2	-0.2	+0.8	+1.6	+2.5	+2.1	+2.1	+3.2	+3.9	+2.1	-1.9	-5.2	-6.1	-6.7	-5.5	-3.9	-2.6	-0.5	+0.8
Winter	+2.1	+2.5	+3.2	+3.5	+4.6	+3.4	+2.2	-0.8	+1.1	+1.6	+1.4	+0.4	+0.3	+1.4	+2.1	-1.9	-3.2	-4.2	-5.2	-5.2	-4.4	-3.2	-1.5	-0.9
Equinox	+1.7	+3.6	+4.4	+2.2	+2.7	+0.8	+0.4	+1.4	+2.0	+4.2	+0.8	-0.7	+0.2	+3.2	+1.0	-1.5	-5.8	-6.5	-6.8	-4.5	-3.3	-1.9	-0.1	+2.3
Summer	+0.6	+1.8	+2.3	+1.7	-0.4	-0.8	-3.2	+1.6	+1.6	+1.8	+4.2	+6.5	+8.9	+7.0	+3.3	-2.4	-6.5	-7.7	-8.2	-6.7	-4.0	-2.6	+0.1	+1.0

VERTICAL INTENSITY (gammas) (Disturbed Days)

Table 57 Agincourt 1948

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	+5	+6	0	-9	-7	-6	-12	-18	-9	-6	-14	-18	-15	-10	-7	+10	+14	+19	+22	+16	+13	+10	+7
February	+26	+26	+24	+17	+11	+4	-2	-18	-46	-47	-38	-30	-31	-24	-10	-6	+1	+8	+13	+18	+23	+28	+24	+28
March	+56	+54	+31	+27	-25	-80	-93	-64	-62	-102	-84	-67	-30	+1	+13	+12	+26	+45	+57	+62	+57	+57	+56	+52
April	+37	+27	+23	+11	-20	-40	-22	-42	-30	-27	-23	-10	-8	-9	-7	-3	+4	+5	+8	+22	+28	+26	+25	+24
May	+50	+36	+11	+4	-30	-39	-95	-109	-86	-67	-46	-48	-23	+3	+8	+10	+20	+30	+42	+51	+65	+66	+74	+73
June	+27	+24	+14	-3	-18	-25	-49	-24	-18	-21	-26	-14	-10	-10	-10	-8	-2	+2	+11	+22	+35	+35	+36	+33
July	+27	+23	+17	+8	-7	-5	-23	-34	-31	-14	-21	-27	-16	-6	-3	-3	-3	+1	+4	+14	+24	+25	+22	+26
August	+59	+59	+46	+18	-43	-98	-174	-162	-114	-47	-33	-13	-12	+4	+5	+13	+22	+32	+63	+77	+80	+72	+76	+71
September	+38	+31	+25	+15	-24	-26	-30	-32	-44	-60	-50	-38	-30	-25	-10	+3	+14	+18	+26	+34	+42	+48	+36	+38
October	+56	+44	+45	+19	-50	-85	-83	-92	-120	-103	-54	-66	-40	-2	+12	+22	+39	+55	+73	+79	+75	+60	+56	+63
November	+41	+28	+20	-6	-6	-42	-79	-89	-69	-47	-47	-37	-20	-9	-7	+8	+23	+41	+44	+42	+49	+54	+48	+59
December	+15	+13	+11	+9	+4	+6	-1	-9	-20	-39	-42	-23	-9	-5	-12	-11	-9	+7	+12	+16	+22	+26	+23	+15
Year	+36.8	+30.8	+22.8	+9.9	-18.1	-36.4	-54.8	-57.2	-54.8	-48.6	-39.2	-32.2	-20.6	-8.1	-2.6	+2.5	+12.1	+21.5	+31.0	+38.2	+43.0	+42.5	+40.5	+40.7
Winter	+23.0	+18.0	+15.2	+5.0	0.0	-9.8	-22.0	-32.0	-38.2	-35.5	-33.2	-26.0	-19.5	-13.2	-9.8	-4.0	+6.2	+17.5	+22.0	+24.5	+27.5	+30.2	+26.2	+27.2
Equinox	+46.8	+39.0	+31.0	+18.0	-29.8	-57.8	-57.0	-57.5	-64.0	-73.0	-52.8	-45.2	-27.0	-8.8	+2.0	+8.5	+20.8	+30.8	+41.0	+49.2	+50.5	+47.8	+43.2	+44.2
Summer	+40.8	+35.5	+22.0	+6.8	-24.5	-41.8	-85.2	-82.2	-62.2	-37.2	-31.5	-25.2	-15.2	-2.2	0.0	+3.0	+9.2	+16.2	+30.0	+41.0	+51.0	+49.5	+52.0	+50.8