JANUARY 1958

	SENSITIVE MAGNETOGRAM		INSENSITIVE MAGNETOGRAM NONE INCLUDED	
Temperature trace				
Scale Value	0·527°C/mm			
Base Line	-31·5°C			
Parallax correction	+ 4 minutes			
Horizontal force trace				
Scale Value	4·43 Y/mm		16·1 Y/mm	
Base Line	23484Y	at 0°C		Actual
Temperature coefficient	4·50 Y/°C		—	
Parallax correction	+ 2 minutes		Nil	
Reflection distance:				
Main trace to 1st refl. down	89·6mm			
Declination trace				
Scale Value	0·92 minutes arc/mm		2·36 minutes arc/mm	
Base Line Actual	17°59·6'			
Parallax correction	+ 2 minutes		- 1 minute	
Reflection distance:				
Main trace to 1st refl. down				
Vertical force trace				
Scale Value	2·50Y/mm		10·9 Y/mm	
Base Line	-36995	at 0°C		Actual
Temperature coefficient	2·96 Y/°C		—	
Parallax correction	Nil		- 2 minutes	
Reflection distances:				
Main trace to 1st refl. down	95·6mm			

Distance between base lines H to Z 355·9mm D to Z

Explanation

Instruments all standard La Coeur
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
(Temperature trace reflection)
D Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Base line values increase with increasing temperature.
Z Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line (upper line where double)
H Baseline
T Trace
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

January 1958.

U.T.		H Maximum. 23000+ h.m.		H Minimum. 23000+	h.m.	H Range.	D Maximum. 17 00.0+ h.m.		D Minimum. 17 00.0+	h.m.	D Range.	Z Maximum. -(36000+) h.m.		Z Minimum. -(36000+)	h.m.	Z Range.	K - indices. E 1 2 3 4 5 6 7 8	Sum.	C figure	Mean daily temp. of variometer room. C
Date.																				
1	D	01 43	617	446	14 38	171	19 09	26.0	02.9	07 46	23.1	05 48	898	1058	21 08	140	5 5 5 4 4 3 4 4	34	2	+6.3
2		00 37	605	505	11 58	100	18 19	24.0	03.7	07 54	20.3	11 59	912	1040	00 07	128	4 4 3 3 4 2 3 3	26	1	+7.3
3	Q	19 04	604	525	14 37	79	17 46	21.4	04.5	09 34	16.9	13 20	914	982	00 09	68	2 2 1 1 1 1 2 2	12	0	+7.7
4	Q	23 49	636	525	13 32	111	17 00	21.8	04.7	10 02	17.1	14 42	900	976	23 49	76	1 1 1 1 1 1 1 4	11	0	+7.8
5	Q	19 33	634	535	13 52	99	17 17	20.9	03.5	10 52	17.4	15 51	901	969	00 01	68	3 2 2 2 2 2 2 3	18	1	+7.2
6		19 11	635	542	13 52	93	17 41	21.7	02.0	08 52	19.7	12 16	904	962	18 58	58	2 2 3 3 3 3 3 3	22	1	+6.5
7	Q	19 05	641	545	13 39	96	16 56	20.4	02.6	10 16	17.8	13 31	898	961	21 21	63	3 3 2 2 3 1 3 3	20	1	+6.5
8	Q	22 55	624	533	12 58	91	17 29	21.4	59.7+	09 27	21.7	13 16	889	956	22 57	67	2 2 2 2 2 1 1 2	14	0	+6.3
9		23 44	627	529	14 04	98	17 47	20.5	58.9+	10 33	21.6	13 38	885	983	21 49	98	1 1 2 2 3 3 3 3	18	1	+6.4
10		01 18	625	517	15 18	108	16 51	22.9	00.8	10 33	22.1	15 29	889	983	01 41	94	4 2 2 2 3 2 4 3	22	1	+6.3
11		02 05	640	528	14 40	112	17 51	23.9	03.3	10 11	20.6	13 59	889	973	00 22	84	3 3 3 3 2 3 5 4	26	1	+6.4
12		02 13	634	518	14 41	116	19 06	20.4	03.3	10 12	17.1	15 44	884	977	22 40	93	3 3 3 3 3 3 3 4	25	1	+6.3
13		04 34	641	532	16 22	109	20 17	19.3	03.7	10 59	15.6	16 23	900	988	21 29	88	3 3 3 2 2 2 4 4	23	1	+6.4
14		20 37	624	512	15 33	112	16 48	24.4	04.6	11 31	19.8	12 45	899	983	20 42	84	3 1 2 3 3 3 4 4	23	1	+6.5
15		21 35	629	511	17 19	118	19 34	19.5	00.9	07 54	18.6	16 48	890	985	21 37	95	3 3 4 3 4 4 4 4	29	2	+6.5
16		05 46	634	553	15 36	81	18 52	18.4	05.6	10 09	12.8	15 15	894	980	21 31	86	2 3 3 3 3 3 4 5	26	1	+6.5
17	D	20 31	623	525	15 02	98	17 35	19.8	05.7	08 20	14.1	14 36	884	997	22 30	113	3 3 3 4 4 4 4 4	29	2	+6.6
18	D	07 35	610	527	13 52	83	17 34	22.1	02.3	09 40	19.8	09 50	887	991	00 20	104	4 4 5 4 4 3 4 2	30	2	+6.5
19		21 42	610	526	14 31	84	17 16	20.4	05.6	10 07	14.8	13 22	899	971	01 17	72	3 2 2 2 2 3 3 4	21	1	+6.4
20		22 27	651	525	15 22	126	18 09	20.6	05.3	09 42	15.3	14 49	897	1005	22 27	108	3 3 3 4 3 3 4 5	28	2	+6.5
21	D	— —	—	—	— —	—	— —	—	—	— —	—	— —	—	—	— —	—	3 5 - - - - - 3	11+	2	+6.5
22		02 43	614	494	13 32	120	18 26	21.8	01.0	11 13	20.8	13 00	888	974	23 26	86	3 3 3 5 4 3 4 4	29	2	+6.6
23	D	00 54	619	508	15 35	111	18 26	22.1	03.7	10 31	18.4	16 00	900	981	00 56	81	4 3 3 3 3 3 4 3	26	1	+6.5
24		04 59	603	506	15 39	97	18 58	19.8	05.8	11 00	14.0	15 41	904	962	22 39	58	1 2 2 3 4 2 2 2	18	1	+6.5
25		00 31	616	510	15 50	106	17 15	21.2	02.8	11 30	18.4	14 05	886	970	00 51	84	3 2 2 4 4 4 3 3	25	1	+6.9
26		02 25	620	519	16 56	101	17 31	19.5	01.9	05 30	17.6	07 00	902	978	23 50	76	3 4 4 3 2 3 3 3	25	1	+6.8
27		02 41	603	518	16 15	85	19 22	18.9	08.3	14 11	10.6	16 19	893	976	00 01	83	3 1 2 1 1 2 4 3	17	1	+6.8
28		09 55	607	532	17 42	75	19 17	18.5	04.2	11 15	14.3	14 33	902	951	23 37	49	2 1 2 3 2 3 3 2	18	1	+6.6
29		00 41	630	516	15 17	114	17 48	22.1	59.9+	07 10	22.2	15 47	883	964	00 46	81	3 3 4 3 2 3 3 1	22	1	+6.8
30		03 25	639	537	15 42	102	18 12	20.1	03.0	10 16	17.1	15 10	898	956	20 52	58	1 2 3 3 3 2 2 2	18	1	+6.9
31		23 22	622	521	16 12	101	19 44	19.7	04.8	13 48	14.9	16 35	896	961	23 23	65	2 2 2 2 2 2 3 3	18	1	+7.0

+ 16 00.0+ tabulated value

FEBRUARY 1958

	SENSITIVE MAGNETOGRAM		INSENSITIVE MAGNETOGRAM	
Temperature trace				
Scale Value	0·527°C/mm			
Base Line	-31·5°C			
Parallax correction	+ 4 minutes			
Horizontal force trace				
Scale Value	4·43 Y/mm		16·1 Y/mm	
Base Line	23484Y	at 0°C	24012Y	Actual
Temperature coefficient	4·50 Y/°C		—	
Parallax correction	+ 2 minutes		Nil	
Reflection distance:				
Main trace to 1st refl. down	89·6mm			
Declination trace				
Scale Value	0·92 minutes arc/mm		2·36 minutes arc/mm	
Base Line Actual	17°39·6'		16°23·9'	
Parallax correction	+ 2 minutes		- 1 minute	
Reflection distance:				
Main trace to 1st refl. down				
Vertical force trace				
Scale Value	2·50Y/mm		10·9 Y/mm	
Base Line	1st to 5th -36995Y	at 0°C	-36819Y	Actual
	6th to 15th -36996Y	" "		
	16th to 27th -36997Y	" "		
	28th to 29th -36998Y	" "		
Temperature coefficient	2·96 Y/°C		—	
Parallax correction	Nil		- 2 minutes	
Reflection distances:				
Main trace to 1st refl. down.	95·6mm			
Distance between base lines	H to Z 155·8mm		D to Z 176·5mm	

Explanation

Instruments all standard La Coeur
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
Baseline
(Temperature trace reflection)
Z Baseline
Z Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
Z Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Baseline, Two Lines where double
Baseline
H Trace
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

February 1958.

		H				D				Z					K - indices.									C figure	Mean daily temp. of variometer room.
		Maximum. 23000+		Minimum. 23000+		Range.	Maximum. 17 00.0+		Minimum. 17 00.0+		Range.	Maximum. -(36000+)		Minimum. -(36000+)		Range.											
U.T.		h.m.		h.m.			h.m.		h.m.			h.m.		h.m.			K	1	2	3	4	5	6	7	8	Sum.		C
Date.																											
1		23 58	619	550	14 32	69	18 01	18.4	03.5	11 33	14.9	16 09	898	956	23 59	58	2	2	2	3	2	2	2	3	18	1	+7.0
2		00 45	629	554	15 05	95	17 57	18.1	02.7	11 25	15.4	14 19	901	966	00 48	65	3	3	2	3	3	2	2	2	20	1	+7.0
3	☽	22 30	624	534	14 42	90	17 30	19.4	02.8	10 21	16.6	12 40	898	953	23 50	55	2	3	3	2	4	2	3	3	22	1	+6.9
4		18 30	645	518	15 25	127	18 51	25.5	02.6	10 42	20.7	15 01	871	963	23 18	92	3	2	2	3	4	5	5	4	28	1	+6.7
5		19 53	644	494	12 32	150	16 15	20.7	00.5	10 19	20.2	12 35	879	975	21 42	96	3	4	4	4	5	3	5	4	32	2	+6.6
6	☽	04 22	655	472	15 44	161	17 18	27.0	06.0	10 40	21.0	14 49	898	995	23 10	97	4	4	4	4	3	4	3	4	30	2	+6.5
7		22 09	616	486	15 58	130	19 21	20.3	04.6	11 06	15.7	16 13	898	978	22 15	80	3	3	3	4	3	3	4	4	27	1	+6.4
8		03 35	619	469	14 34	150	17 30	22.9	03.9	11 33	19.0	14 31	879	986	23 10	107	3	4	3	4	4	4	4	4	30	2	+6.4
9		00 27	615	484	16 08	131	19 23	26.2	06.6	11 42	19.6	16 30	881	985	22 07	102	4	3	2	3	3	3	4	4	26	1	+6.7
10		01 01	611	492	17 05	119	19 20	26.9	05.5	12 01	21.4	16 14	881	1012	22 10	131	4	3	2	3	2	3	4	4	25	1	+7.0
11	D	02 34	1044	814+	09 18	1230	09 39	51.7	21.6++	02 32	150.1	06 46	252	1178	02 25	926	9	8	9	8	7	4	5	5	55	2	+6.8
12	D	21 23	623	440	18 02	183	18 50	27.9	05.7	10 20	22.2	07 24	886	1044	00 28	158	5	5	5	4	4	5	5	5	38	2	+6.8
13		00 43	584	491	15 39	93	18 26	24.9	07.9	12 14	17.0	15 44	902	979	00 43	77	3	2	2	3	4	2	2	3	21	1	+6.8
14		04 39	590	510	16 43	80	17 01	20.4	06.2	03 33	14.2	16 28	899	985	01 01	84	3	4	4	2	2	3	2	2	22	1	+6.8
15	☽	24 00	598	515	16 23	85	18 27	19.6	06.7	13 29	12.9	16 26	901	961	01 05	60	2	1	2	2	2	3	3	3	18	1	+6.8
16		23 44	622	539	15 25	83	18 14	20.6	03.4	11 04	17.2	15 27	903	956	23 44	53	2	1	2	3	3	3	3	4	21	1	+6.7
17	D	01 09	678	501	18 46	177	18 18	21.3	05.6	10 11	15.7	13 32	904	981	01 10	77	3	4	4	4	4	4	4	3	32	2	+6.7
18	D	01 17	597	491	15 32	106	18 32	23.8	03.8	04 01	20.0	16 41	893	976	22 38	83	4	4	3	4	4	3	4	4	30	2	+6.7
19		23 32	606	493	16 34	115	18 08	22.1	05.3	00 33	16.8	16 37	903	979	23 32	76	4	3	3	3	3	3	4	4	27	1	+6.2
20		04 22	596	508	14 19	88	20 49	22.9	08.1	09 00	14.8	14 19	903	990	22 15	87	3	3	3	3	4	3	4	4	27	1	+6.3
21		03 13	612	507	14 00	105	18 26	27.7	05.4	07 18	22.3	05 47	902	998	22 20	96	3	4	4	3	4	3	4	4	29	2	+6.5
22		02 12	618	504	16 12	114	18 20	21.9	00.8	01 59	21.1	15 33	907	989	22 19	82	5	3	3	3	3	2	3	4	26	1	+6.4
23		01 29	611	482	13 37	129	18 04	21.3	05.5	03 00	15.8	15 07	906	986	21 01	80	4	4	3	3	3	3	3	3	26	1	+6.4
24	☽	04 02	596	516	15 40	80	18 21	20.6	07.4	12 34	13.2	16 01	895	955	00 05	60	1	3	2	2	2	1	2	1	14	0	+6.6
25	☽	03 25	601	509	16 33	92	19 02	21.1	06.2	08 52	14.9	16 38	903	955	21 44	52	1	2	3	2	1	1	2	2	14	0	+6.7
26	☽	02 38	609	526	15 22	83	20 05	17.6	04.5	11 02	13.1	16 19	901	949	01 09	48	2	3	3	3	2	1	2	3	19	1	+6.6
27		01 59	606	526	16 01	80	20 12	21.2	03.4	12 32	17.8	16 06	900	949	23 39	49	3	2	1	2	2	2	4	3	19	1	+6.7
28		02 34	605	514	17 12	91	19 27	18.3	03.0	11 25	15.3	15 59	898	952	22 29	54	2	2	3	4	4	3	3	3	24	1	+6.6

\+ 22000 + tabulated value.

++ 15 00.0+ tabulated value.

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM	
Temperature trace			
Scale Value	0·527°C/mm		
Base Line	−31·5°C		
Parallax correction	+ 4 minutes		
Horizontal force trace			
Scale Value	4·43 γ/mm	16·1 γ/mm	
Base Line	1st to 15th 23484γ at 0°C 16th to 31st 23483γ " "		Actual
Temperature coefficient	4·50 γ/°C	—	
Parallax correction	+ 2 minutes	Nil	
Reflection distance: Main trace to 1st refl. down	89·6mm		
Declination trace			
Scale Value	0·92 minutes arc/mm	2·36 minutes arc/mm	
Base Line Actual	17°39·6'	1st to 17th 16°23·9' 19th to 31st 16°22.7'	
Parallax correction	+ 2 minutes	− 1 minute	
Reflection distance: Main trace to 1st refl. down			
Vertical force trace			
Scale Value	2·50γ/mm	10·9 γ/mm	
Base Line	1st to 11th −36998γ at 0°C 12th to 31st −36999γ " "	−36820γ	Actual
Temperature coefficient	2·96 γ/°C	—	
Parallax correction	Nil	− 2 minutes	
Reflection distances: Main trace to 1st refl. down	95·5mm		
Distance between base lines	H to Z 155·8mm	D to Z 176·6mm	

Explanation

Instruments all standard La Cour
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
(Temperature trace reflection)
D Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
Z Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line, Upper line are double reflection
Z Trace
H Trace
[illegible] Trace
[illegible] Base line

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

March 1958.

		H Maximum. 25000+		H Minimum. 25000+		Range.	D Maximum. 17 00.0+		D Minimum. 17 00.0+		Range.	Z Maximum. -(56000+)		Z Minimum. -(56000+)		Range.	K - indices.									C figure	Mean daily temp. of variometer room.
U.T.		h.m.		h.m.			h.m.		h.m.			h.m.		h.m.			E	1	2	3	4	5	6	7	8	Sum.		C
Date.																												
1	Q	04 23	596	500	16 55	96	19 42	20.7	05.7	13 09	15.0	16 34	884	948	23 50	64		2	2	1	2	1	2	2	2	14	0	+6.6
2	Q	04 48	599	517	15 49	82	18 48	18.3	05.6	06 41	12.7	15 52	891	949	00 02	58		1	3	3	2	2	0	1	1	13	0	+7.0
3		19 08	621	515	16 11	106	19 12	26.6	01.9	10 41	24.7	15 40	895	972	21 44	78		2	3	2	3	3	3	5	4	25	1	+6.9
4		03 46	600	512	17 09	88	18 41	21.2	58.8+	02 47	22.4	02 53	905	979	22 29	74		5	4	4	3	3	3	3	4	29	1	+7.2
5	D	06 12	628	462	16 14	166	17 22	21.7	58.7+	06 59	23.0	07 29	740	979	22 52	239		3	4	6	5	4	3	3	4	32	2	+7.3
6		02 04	622	465	15 52	157	18 59	22.5	00.5	02 00	22.0	16 01	903	969	22 07	66		5	4	3	3	4	3	3	4	29	2	+7.3
7		02 40	588	471	16 44	117	19 39	23.1	03.1	04 58	20.0	16 46	891	966	23 02	75		3	4	4	3	3	3	3	3	26	1	+7.3
8		06 36	577	482	14 34	95	19 11	21.0	06.8	13 11	14.2	17 29	911	970	23 16	59		3	3	4	3	3	2	2	3	23	1	+7.4
9		05 33	588	489	16 00	99	19 13	21.7	02.3	01 33	19.4	16 01	897	964	21 15	67		5	3	3	3	3	2	2	2	25	1	+7.2
10		11 02	602	494	18 00	108	18 27	23.6	05.7	04 22	17.9	16 56	900	969	23 40	69		3	4	3	3	2	3	3	3	24	1	+7.5
11		10 52	593	493	16 57	100	19 42	24.0	0.30	11 45	21.0	16 40	888	983	23 59	95		4	1	1	3	2	3	3	4	21	1	+7.2
12	D	23 48	573	470	05 34	103	18 11	22.5	58.3+	03 01	24.2	07 23	817	990	01 09	173		6	5	5	5	3	4	3	3	34	2	+7.5
13	D	10 07	596	440	15 45	156	18 32	24.0	59.3+	06 43	24.7	07 59	852	976	22 28	124		3	4	4	5	5	4	4	3	32	2	+7.5
14		23 36	590	472	16 01	118	19 32	19.8	56.8+	12 12	23.0	15 58	886	970	00 01	84		3	2	1	2	5	3	3	3	22	1	+7.3
15		03 02	627	472	16 12	155	17 41	21.0	03.9	06 10	17.1	16 12	904	962	20 50	58		4	5	4	4	3	3	3	2	28	1	+7.4
16	Q	08 42	576	483	15 51	93	18 21	19.1	03.6	02 02	15.5	03 50	910	962	00 51	52		4	4	3	3	2	2	2	3	25	1	+7.1
17		08 19	611	494	19 54	117	19 36	23.0	02.9	09 51	20.1	09 50	862	955	00 42	93		3	3	5	5	3	3	4	3	29	2	+7.0
18		02 18	590	473	16 04	117	20 21	24.8	05.5	03 12	19.3	07 20	879	970	21 31	91		4	4	4	3	4	4	4	4	31	2	+6.8
19	D	06 22	592	479	16 56	113	20 11	24.0	03.1	03 39	20.9	06 38	892	998	23 07	106		5	5	4	3	4	4	4	5	34	2	+6.7
20	D	12 00	587	487	17 14	100	19 17	22.8	06.0	05 51	16.8	16 12	910	978	00 07	68		4	4	3	3	3	2	4	5	28	1	+6.6
21		10 38	580	462	16 12	118	18 33	23.6	03.7	00 19	19.9	16 09	895	980	22 32	85		4	4	3	3	4	3	3	3	27	1	+7.0
22		00 29	586	477	15 11	109	18 43	20.2	59.0+	03 09	21.2	16 30	915	967	22 31	52		5	5	2	1	2	2	1	4	22	1	+7.2
23		11 02	589	477	16 32	112	19 01	21.3	07.1	06 21	14.2	16 10	908	974	20 44	66		3	3	4	3	3	2	4	2	24	1	+7.1
24		02 43	585	468	16 52	117	18 54	22.0	06.8	04 27	15.2	15 58	898	977	21 20	79		4	4	4	3	3	3	3	5	29	1	+6.9
25		23 59	592	481	16 50	111	16 21	19.5	03.4	01 59	16.1	16 45	907	987	00 12	80		5	2	4	3	3	4	3	3	27	1	+7.0
26		00 57	614	475	15 58	139	18 50	20.7	03.8	11 21	16.9	16 05	899	960	21 59	61		4	3	2	3	3	2	3	3	23	1	+7.1
27		01 55	583	479	16 10	104	18 27	20.0	05.3	00 41	14.7	16 13	894	960	00 05	66		4	2	3	3	2	2	3	3	22	1	+7.1
28	Q	01 31	587	487	17 14	100	18 16	20.9	05.1	03 21	15.8	17 15	897	951	21 48	54		3	4	2	2	2	3	3	3	22	1	+7.3
29	Q	00 32	588	488	16 30	100	18 24	19.5	04.0	13 47	15.5	16 40	897	948	00 57	51		4	3	1	2	2	1	2	2	17	1	+7.3
30		08 48	603	461	15 25	142	18 19	23.3	02.7	11 23	20.6	09 20	885	964	21 53	79		2	2	3	4	4	3	3	3	24	1	+7.3
31		05 26	593	476	15 34	117	18 52	20.3	04.6	13 22	15.7	06 10	894	954	22 09	60		3	4	4	3	4	2	2	3	25	1	+7.5

+ 16 00.0 + tabulated value.

N.B. On 29th

05 K' = 1 07 K' = 1

APRIL 1958

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM
Temperature trace		
Scale Value	0·527°C/mm	
Base Line	-31·5°C	
Parallax correction	+ 4 minutes	
Horizontal force trace		
Scale Value	4·43 Y/mm	16·1 Y/mm
Base Line	1st to 16th 23483Y at 0°C 17th to 30th 23482Y	24015Y Actual
Temperature coefficient	4·50 Y/°C	—
Parallax correction	+ 2 minutes	Nil
Reflection distance:		
Main trace to 1st refl. down	89·6mm	
Declination trace		
Scale Value	0·92 minutes arc/mm	2·36 minutes arc/mm
Base Line Actual	17°39·6'	16°22·7'
Parallax correction	+ 2 minutes	- 1 minute
Reflection distance:		
Main trace to 1st refl. down		
Vertical force trace		
Scale Value	2·50Y/mm	16·9 Y/mm
Base Line	1st to 4th -36999Y at 0°C 5th to 16th -37000Y " " 17th to 30th -36879Y " "	-36825Y Actual
Temperature coefficient	2·96 Y/°C	—
Parallax correction	Nil	- 2 minutes
Reflection distances:		
Main trace to 1st refl. down	95·5mm	
Main trace to 1st refl. up	75·3mm	
Distance between base lines	H to Z 155·8mm	D to Z 181·7mm

Explanation

Instruments all standard La Coeur
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to times as read from the magnetograms.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
Temperature trace reflection,
D Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
Z Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line, parallax correction double
Z Baseline
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

April 1958.

		H Maximum. 23000+		H Minimum. 23000+		H Range.	D Maximum. 17 00.0+		D Minimum. 17 00.0+		D Range.	Z Maximum. -(36000+)		Z Minimum. -(36000+)		Z Range.	K - indices.									C figure	Mean daily temp. of variometer room.
U.T.		h.m.		h.m.			h.m.		h.m.			h.m.		h.m.			E	1	2	3	4	5	6	7	8	Sum.		C
Date.																												
1		07 10	582	487	15 41	95	17 58	19.2	02.9	02 25	16.3	07 54	914	961	20 40	47		4	3	3	2	2	3	4	3	24	1	+7.3
2	D	10 46	600	484	15 52	116	17 51	19.0	03.3	06 41	15.7	07 07	881	954	00 10	73		2	3	5	4	3	3	2	3	25	1	+7.0
3		02 42	581	476	16 13	105	18 19	19.5	59.9+	02 29	19.6	16 20	907	955	22 14	48		5	4	3	2	2	2	3	3	24	1	+7.1
4	D	11 04	598	473	16 53	125	20 52	22.9	04.7	12 35	18.2	16 59	902	964	23 38	62		3	3	3	4	3	3	4	5	28	1	+7.1
5		06 46	568	470	15 57	98	20 05	20.6	59.6+	02 30	21.0	03 02	890	968	01 20	78		5	4	3	3	3	3	2	2	25	1	+7.0
6		05 38	583	490	15 51	93	17 51	19.5	05.5	01 10	14.0	16 30	906	959	00 48	53		5	3	4	4	2	2	3	4	27	1	+7.1
7		11 03	573	486	16 04	87	18 20	20.3	05.9	04 51	14.4	08 28	906	954	22 10	48		3	3	3	3	3	1	2	2	20	1	+7.1
8		09 32	572	478	16 04	94	19 11	17.5	06.6	13 44	10.9	16 05	908	949	22 06	41		3	3	1	2	1	1	1	3	15	1	+7.1
9		10 22	574	499	16 03	75	22 19	17.7	06.6	15 21	11.1	15 55	912	945	00 01	33		2	3	1	1	1	1	1	3	13	0	+7.0
10	Q	23 53	585	513	15 52	72	18 38	16.5	07.5	12 41	9.0	15 40	903	941	00 13	38		2	1	1	1	1	1	1	2	10	0	+7.0
11	Q	00 42	599	509	15 55	90	17 39	15.9	07.3	13 11	8.6	14 57	904	938	00 48	34		2	2	1	2	1	1	1	3	13	0	+7.3
12	Q	02 22	591	523	15 45	68	18 39	15.6	06.5	13 31	9.3	15 50	900	930	20 11	30		1	1	1	1	1	1	2	2	10	0	+7.1
13	Q	02 03	595	532	15 14	63	18 27	15.4	06.7	13 23	8.7	15 17	898	927	23 39	29		2	1	1	1	1	0	1	1	8	0	+6.8
14		11 13	598	519	23 59	79	19 20	19.0	04.6	13 30	14.4	15 12	892	942	23 51	50		2	2	2	3	3	2	3	3	20	1	+6.8
15		07 29	587	496	00 29	91	20 15	16.7	01.0	03 42	15.7	03 54	874	953	00 18	79		5	5	4	3	3	2	3	5	30	1	+6.9
16	D	11 30	615	504	23 07	111	22 44	20.0	03.7	02 32	16.3	07 18	879	953	23 09	74		4	3	4	4	4	2	3	5	29	1	+6.8
17	D	08 19	583	442	15 35	141	18 30	18.8	58.8+	03 35	20.0	07 50	881	957	19 49	76		5	5	4	3	3	4	4	5	33	2	+6.9
18	D	10 59	585	477	02 57	108	18 10	19.4	58.7+	03 09	20.7	09 01	875	963	23 06	88		5	5	4	4	4	2	3	5	32	2	+7.0
19		10 46	575	474	16 05	101	19 25	18.3	06.8	01 44	11.5	08 55	889	953	23 07	64		3	3	2	4	2	2	4	4	24	1	+7.0
20		03 15	584	497	15 41	87	18 10	17.0	04.5	21 51	12.5	06 23	894	945	00 11	51		3	4	3	2	2	2	1	4	21	1	+7.2
21		11 25	577	499	15 55	78	18 49	17.2	05.3	03 19	11.8	16 00	901	936	00 02	35		2	3	3	2	2	2	2	4	20	1	+7.4
22	Q	04 37	577	507	15 15	70	18 23	17.2	04.9	06 22	12.3	08 42	900	931	00 40	31		3	3	4	3	1	1	1	2	18	1	+7.3
23		10 27	581	506	16 33	75	19 38	18.3	06.1	13 00	10.2	16 00	895	938	23 59	43		0	1	1	1	1	1	3	3	11	0	+7.4
24		07 27	586	494	16 37	92	18 03	16.6	02.7	05 03	13.9	07 40	898	939	00 10	41		4	4	4	2	1	2	1	3	21	1	+7.4
25		11 47	575	508	16 00	67	18 14	17.0	05.2	02 42	11.8	16 16	900	936	00 18	36		4	4	3	2	3	2	2	2	22	1	+7.2
26		08 15	577	508	16 13	69	18 23	17.7	06.4	12 50	11.3	16 06	895	927	23 30	32		1	1	1	1	2	3	3	2	14	1	+7.2
27		05 52	582	522	15 52	60	20 33	17.2	07.4	13 29	9.8	16 00	903	931	22 31	28		1	2	2	1	1	2	3	2	14	1	+7.2
28		09 03	583	501	15 31	82	18 11	17.4	04.4	04 31	13.0	04 02	890	946	23 50	56		3	4	3	4	3	2	3	3	25	1	+7.1
29		09 00	567	491	17 20	76	21 52	18.1	00.0	05 03	18.1	05 19	895	930	01 12	57		4	5	4	4	3	3	3	4	30	2	+7.0
30		09 55	574	477	16 46	97	17 29	17.4	04.5	02 05	12.9	06 13	883	946	00 13	63		4	3	3	3	3	4	3	4	27	1	+6.6

+ 16 00.0 + tabulated value.

MAY 1958

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM
Temperature trace		
Scale Value	0·527°C/mm	
Base Line	-31·5°C	
Parallax correction	+ 4 minutes	
Horizontal force trace		
Scale Value	4·43 Y/mm	16·1 Y/mm
Base Line	1st to 24th 25482Y at 0°C 25th to 28th 23481Y " " 29th to 30th 25480Y " " 31st 25479 " "	24019Y Actual
Temperature coefficient	4·50 Y/°C	—
Parallax correction	+ 2 minutes	Nil
Reflection distance:		
Main trace to 1st refl. down	89·6mm	
Declination trace		
Scale Value	0·92 minutes arc/mm	2·36 minutes arc/mm
Base Line Actual	17°39·6'	18°25·4'
Parallax correction	+ 2 minutes	- 1 minute
Reflection distance:		
Main trace to 1st refl. down		
Vertical force trace		
Scale Value	2·50Y/mm	10·9 Y/mm
Base Line	1st to 2nd -36879Y at 0°C 3rd to 9th -36883Y " " 10th to 20th -36884Y " " 21st to 31st -36885Y " "	-36825Y Actual
Temperature coefficient	2·96 Y/°C	—
Parallax correction	Nil	- 2 minutes
Reflection distances:		
Main trace to 1st refl. up.	75·3mm	
Distance between base lines	H to Z 155·8mm	D to Z 181·8mm

Explanation

Instruments all standard La Cour
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be allied to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
.. Baseline
(Temperature trace reflection)
.. Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
D Algebraic baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line, Two lines where double
.. seline
H Trace
Z Trace
.. seline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

May 1958.

		H Maximum. 25000+		H Minimum. 25000+		H Range.	D Maximum. 17 00.0+		D Minimum. 17 00.0+		D Range.	Z Maximum. -(56000+)		Z Minimum. -(56000+)		Z Range.	K - indices.									C figure	Mean daily temp. of variometer room.
U.T.		h.m.		h.m.			h.m.		h.m.			h.m.		h.m.			E	1	2	3	4	5	6	7	8	Sum.		C
Date.																												
1		10 57	570	500	15 00	70	09 51	16.4	04.7	22 45	11.7	09 49	899	938	22 49	39	4	3	2	3	3	2	2	4	23	1	+6.4
2		06 03	572	498	16 10	74	19 52	15.8	03.7	07 20	12.1	07 38	895	930	00 50	35	4	4	4	2	1	2	2	3	22	1	+6.4
3		03 54	575	512	15 59	63	18 50	14.9	08.5	14 01	6.4	04 40	908	929	00 01	21	1	3	1	2	1	1	2	2	13	0	+4.1
4		08 33	583	516	16 46	67	18 56	13.8	05.7	00 18	8.1	08 02	898	927	23 40	29	4	3	3	2	1	1	1	3	18	1	+3.9
5		08 14	572	519	16 33	53	21 55	15.5	08.3	14 10	7.2	18 20	906	951	23 59	25	3	3	2	1	1	2	2	3	17	1	+4.1
6		04 36	570	506	15 32	64	18 44	14.6	06.4	05 35	8.2	17 [illegible]	904	931	00 04	27	3	3	3	1	1	1	1	2	15	1	+4.1
7 Q		11 09	581	524	16 23	57	19 30	13.9	08.6	13 11	5.3	16 00	902	923	00 35	21	1	2	2	2	1	1	2	2	13	0	+4.2
8		02 36	587	519	22 37	68	22 11	15.4	06.7	13 11	8.7	15 45	897	921	23 49	24	2	3	2	2	2	2	2	4	19	1	+4.1
9		11 54	581	532	15 52	49	15 22	13.8	07.5	12 23	6.3	14 50	900	924	00 34	24	2	2	3	2	2	1	1	3	16	1	+4.1
10		11 15	584	517	23 14	67	23 10	17.5	01.8	07 51	15.7	08 10	885	923	21 38	38	3	3	4	3	2	2	3	4	24	1	+4.2
11		08 41	581	520	16 22	61	19 59	15.0	03.5	08 20	11.5	09 33	870	924	00 11	54	2	1	4	4	1	2	1	1	16	1	+4.2
12		08 55	577	513	23 19	64	22 50	18.4	08.9	13 59	9.5	20 50	900	951	23 59	51	1	1	2	1	2	2	3	4	16	1	+4.1
13 D		09 47	580	487	21 16	93	22 35	23.3	07.7	23 58	15.6	10 53	889	962	22 52	73	3	2	2	3	3	3	4	5	25	2	+4.1
14 D		07 25	582	444	00 57	118	19 02	16.6	54.5+	01 06	22.1	05 56	887	955	00 15	48	5	4	5	3	5	3	5	5	31	2	+4.1
15		07 36	572	494	18 44	78	14 15	16.5	56.4+	04 51	20.1	05 38	862	951	19 58	89	4	5	4	3	3	3	3	4	29	2	+4.3
16		09 13	558	503	16 14	55	09 59	14.8	04.1	01 19	10.7	09 38	894	929	00 44	35	4	3	3	3	2	2	2	2	21	1	+4.4
17		02 58	588	517	16 19	51	18 08	15.6	03.0	23 20	12.6	04 27	892	922	22 49	30	4	3	3	3	3	3	2	5	26	2	+4.4
18		10 44	593	511	17 44	82	18 00	15.6	05.1	01 17	10.5	10 24	889	923	01 23	34	4	4	3	4	2	2	2	3	24	1	+4.3
19		04 21	580	522	16 22	58	18 41	14.1	02.8	06 03	11.3	06 14	877	922	00 15	45	2	4	4	2	1	2	2	2	19	0	+4.3
20 Q		10 40	568	533	15 56	35	18 40	13.7	08.6	00 53	5.1	18 03	907	915	00 02	8	2	2	1	2	2	1	2	2	14	0	+4.3
21		10 32	568	518	01 48	50	18 41	13.2	04.1	04 16	9.1	04 23	898	917	02 38	19	3	4	1	1	1	1	1	1	13	1	+4.5
22 Q		10 27	574	541	15 14	33	17 42	12.6	08.9	13 21	3.7	14 41	902	913	20 12	11	1	1	1	1	1	1	1	1	8	0	+4.5
23 Q Q		10 32	578	542	15 25	36	18 16	13.0	09.7	14 21	3.3	15 35	899	912	02 33	13	3	2	1	1	1	1	1	1	11	0	+4.6
24 Q Q		01 52	578	548	16 01	30	18 02	12.9	08.9	13 09	4.0	16 18	893	907	19 51	14	0	1	1	1	1	0	0	0	4	0	+4.5
25		19 13	585	533	22 52	52	23 50	13.4	09.1	13 54	4.3	22 37	892	905	19 11	13	0	1	1	1	0	1	2	3	9	0	+4.5
26 D		11 41	579	497	17 27	82	22 06	15.6	04.4	03 18	11.2	14 30	890	924	23 38	34	4	4	3	3	3	4	2	3	26	2	+4.4
27		08 59	573	497	22 17	76	19 33	17.8	06.5	01 54	11.3	11 40	888	935	23 59	47	4	3	3	3	4	2	3	4	26	2	+4.3
28		06 40	554	496	00 51	58	00 46	15.6	01.4	02 53	14.2	07 58	891	941	00 40	50	5	4	3	2	2	2	3	3	24	2	+4.3
29 D		10 03	572	484	18 13	88	12 29	24.1	52.8+	01 03	31.3	09 04	782	934	21 35	152	6	4	6	5	3	3	3	3	35	2	+4.4
30		10 17	551	499	04 10	52	17 45	14.3	06.4	04 13	7.9	08 55	901	930	00 13	29	2	4	3	3	2	1	2	4	21	1	+4.5
31 D		09 31	573	412	19 09	161	23 54	38.0	00.8	03 11	37.2	19 11	871	1051	23 46	180	4	4	3	4	3	4	5	6	33	2	+4.5

+ 18 00.0+ tabulated value.

JUNE 1958

	SENSITIVE MAGNETOGRAM		INSENSITIVE MAGNETOGRAM	
Temperature trace				
Scale Value	0·527°C/mm			
Base Line	-31·5°C			
Parallax correction	+ 4 minutes			
Horizontal force trace				
Scale Value	4·43 Y/mm		16·1 Y/mm	
Base Line	1st 25478Y	at 0°C	24017Y	Actual
	2nd 25477Y	" "		
	3rd 25476Y	" "		
	4th 25475Y	" "		
	5th 25474Y	" "		
	6th 25473Y	" "		
	7th 25472Y	" "		
	8th 25471Y	" "		
	9th to 31st 25470Y	" "		
Temperature coefficient	4·50 Y/°C		—	
Parallax correction	+ 2 minutes		Nil	
Reflection distance:				
Main trace to 1st refl. down	89·6mm			
Declination trace				
Scale Value	0·92 minutes arc/mm		2·36 minutes arc/mm	
Base Line Actual	1st to 21st 17°39·6'		16°25·4'	
	22nd to 31st 17°39·0'			
Parallax correction	+ 2 minutes		- 1 minute	
Reflection distance:				
Main trace to 1st refl. down				
Vertical force trace				
Scale Value	2·50Y/mm		10·9 Y/mm	
Base Line	1st to 12th -36886Y	at 0°C	-36826Y	Actual
	13th to 24th -36887Y	" "		
	25th to 31st -36888Y	" "		
Temperature coefficient	2·96 Y/°C		—	
Parallax correction	Nil		- 2 minutes	
Reflection distances:				
Main trace to 1st refl. up	75·4mm			
Main trace to 1st refl. down	95·6mm			
Distance between base lines	H to Z 155·6		D to Z 1st, 7th and 8th	181·8mm
			29th	178·8mm

Explanation

Instruments all standard La Coeur
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
Baseline
(Temperature trace reflection,
D Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
Z Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Baseline, Up or line where double
H Baseline
T Trace
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges, and K-indices.

June 1958.

		H Maximum. 25000+		H Minimum. 25000+		Range.	D Maximum. 17 00.0+		D Minimum. 17 00.0+		Range.	Z Maximum. -(36000+)		Z Minimum. -(36000+)		Range.	K - indices.									C Figure	Mean daily temp. of variometer room.
U.T.		h.m.		h.m.			h.m.		h.m.			h.m.		h.m.			E	1	2	3	4	5	6	7	8	Sum.		C
Date.																												
1	D	23 59	528	378	01 15	150	00 01	34.4	49.6+	02 53	44.8	05 54	853	1085	00 52	232	7	6	5	3	2	2	3	5	33	2	+4.4
2		12 03	569	476	02 19	93	11 44	19.6	02.3	05 00	17.3	07 16	~~886~~	~~948~~	00 08	80	4	4	4	4	4	3	2	2	27	2	+4.4
3	Q	21 22	548	518	15 22	30	18 09	14.5	09.6	11 13	4.9	11 43	909	925	00 02	16	1	1	1	1	1	2	1	1	9	0	+4.2
4	Q	22 34	564	529	15 12	35	17 02	13.4	09.3	06 53	4.1	16 47	905	915	00 19	10	1	2	2	1	1	1	1	1	10	0	+3.9
5		23 56	569	532	16 32	37	18 03	13.2	07.7	07 51	5.5	16 22	897	914	21 13	17	1	1	2	1	1	2	1	1	10	0	+4.1
6		05 42	581	520	22 45	61	23 41	17.9	04.3	07 53	13.6	08 07	888	919	23 59	31	0	2	3	2	1	1	2	4	15	1	+4.0
7	D	01 59	605	364	02 30	239	01 54	17.1	42.6+	01 16	54.5	01 16	778	973	03 41	195	7	5	5	6	3	3	2	2	33	2	+3.3
8		21 56	555	487	23 50	66	23 21	14.1	04.7	23 57	9.4	23 58	900	922	00 01	22	1	1	1	1	2	2	2	4	14	1	+3.8
9		06 12	566	468	23 50	98	23 11	24.7	03.5	07 18	21.2	06 45	865	949	23 59	86	4	3	4	3	3	2	4	4	27	2	+4.3
10		11 45	548	424	01 38	124	00 11	22.4	53.7+	02 11	28.7	02 32	876	964	00 24	88	6	4	4	3	3	2	2	3	27	2	+4.5
11		12 08	567	496	01 49	71	11 43	14.5	05.1	08 29	9.4	03 59	888	926	03 28	38	3	4	3	3	3	2	2	3	25	1	+4.4
12		04 49	571	527	17 16	44	19 26	13.5	01.9	04 41	11.6	08 49	879	919	00 30	40	2	4	4	3	2	2	2	3	22	1	+4.4
13		04 54	568	531	01 43	37	18 03	12.6	06.1	00 16	6.5	05 08	886	911	00 01	25	3	3	3	1	1	2	2	2	17	1	+4.3
14		18 36	568	507	23 58	61	23 13	13.2	07.0	06 42	6.2	20 47	892	906	18 37	14	2	2	3	2	1	1	3	4	18	1	+4.3
15		05 34	576	507	04 50	69	10 11	14.0	56.7+	06 04	17.3	05 58	836	914	01 14	78	4	5	5	3	2	2	2	1	24	1	+4.4
16		06 33	565	525	16 11	40	17 56	15.2	04.5	07 25	8.7	07 25	875	907	19 56	32	3	2	4	3	3	2	1	1	20	1	+4.4
17	Q	04 22	567	537	00 39	30	17 01	12.0	06.5	04 52	5.5	05 01	892	907	19 40	15	2	3	2	1	1	1	1	1	12	0	+4.4
18	Q	12 55	570	527	22 07	43	22 02	13.3	08.5	13 11	4.8	15 20	890	904	23 58	14	2	1	1	1	1	2	2	3	15	0	+4.5
19		09 48	573	552	17 15	21	17 18	11.9	08.3	05 17	3.6	17 15	889	903	00 03	14	1	2	2	1	1	2	2	2	13	0	+4.3
20	Q	10 24	571	539	22 43	32	23 19	11.1	06.1	02 18	5.0	22 45	884	899	03 12	15	3	2	1	1	1	1	1	3	13	0	+4.3
21	D	11 23	618	459	21 19	157	11 21	32.8	52.3+	02 32	40.5	11 40	807	937	23 31	130	6	4	4	6	4	4	4	5	37	2	+4.3
22		00 11	566	481	00 39	85	22 56	14.9	48.3+	00 03	33.6	06 40	859	921	01 15	82	6	5	4	4	3	2	2	4	30	2	+4.4
23		12 20	552	504	00 53	48	17 33	12.3	04.3	02 31	8.0	05 12	~~869~~	917	00 02	48	4	3	3	2	2	2	2	2	20	1	+4.3
24		08 02	582	520	05 17	62	15 19	15.1	03.9	01 30	11.2	07 43	862	911	22 29	49	4	4	4	2	3	3	3	3	26	2	+4.3
25		10 37	566	520	01 40	46	19 00	13.5	03.1	03 23	10.4	09 44	877	911	01 00	34	3	4	2	3	2	2	3	2	21	1	+4.2
26		11 44	561	528	15 21	33	17 41	12.0	04.9	08 11	7.1	08 20	~~884~~	905	15 40	21	2	3	3	2	1	1	1	2	15	1	+4.2
27		11 53	565	525	22 50	40	23 26	13.2	07.7	06 44	5.5	22 40	~~889~~	~~903~~	03 07	14	2	2	3	2	1	1	1	3	15	1	+4.1
28	D	11 28	587	377	22 10	210	21 28	26.0	00.6	04 33	25.4	20 19	876	955	23 34	79	5	5	5	4	2	2	5	6	30	2	+4.3
29	D	13 10	534	361	00 56	173	05 20	26.2	42.9+	00 58	43.3	05 09	817	1021	00 57	204	7	6	5	5	5	4	3	2	37	2	+4.4
30		20 52	550	496	04 06	54	02 10	15.5	09.5	08 59	6.0	23 42	905	928	02 32	21	3	2	1	1	2	2	1	1	13	1	+4.4

+ 16 00.0 + tabulated value.

JULY 1958

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM
Temperature trace		
Scale Value	0·527°C/mm	
Base Line	-31·5°C	
Parallax correction	+ 4 minutes	
Horizontal force trace		
Scale Value	4·43 Y/mm	16·1 Y/mm
Base Line	1st to 15th 23470Y at 0°C	Actual
	16th to 18th 23471Y " "	
	19th to 21st 23472Y " "	
	22nd to 25th 23473Y " "	
	26th to 28th 23474Y " "	
	29th to 31st 23475Y " "	
Temperature coefficient	4·50 Y/°C	—
Parallax correction	+ 2 minutes	Nil
Reflection distance:		
Main trace to 1st refl. down		
Declination trace		
Scale Value	0·92 minutes arc/mm	2·36 minutes arc/mm
Base Line Actual	1st to 24th 17°39.0'	
	25th to 31st 17°38·2'	
Parallax correction	+ 2 minutes	- 1 minute
Reflection distance:		
Main trace to 1st refl. down		
Vertical force trace		
Scale Value	2·50Y/mm	10·9 Y/mm
Base Line	1st to 5th -36888Y at 0°C	Actual
	6th to 13th -36889Y " "	
	14th to 15th -36893Y " "	
	16th to 18th -36894Y " "	
	19th to 21st -36895Y " "	
	22nd to 26th -36896Y " "	
	27th to 30th -36897Y " "	
	31st -36898Y " "	
Temperature coefficient	2·96 Y/°C	—
Parallax correction	Nil	- 2 minutes
Reflection distances:		
Distance between base lines	H to Z 155·6mm	D to Z 178·6mm

Explanation

Instruments all standard La Coeur
All charts complete Greenwich days except for charts starting only part days.
Parallax correction to be added to times as read from the magnetogram.

Sensitive Magnetogram

Order of traces from top to bottom,
Temperature Trace
H Trace
H Baseline
Temperature trace reflection,
Z Baseline
D Trace
D Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
D Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line, Top of line where double
H Baseline
H Trace
Z Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Except 20th 2100Z to 21st 1400Z Time marking erratic up to 2 minutes in error.

Extreme values , daily ranges , and K- indices.

July 1958.

		H Maximum. 25000+		H Minimum. 25000+		Range.	D Maximum. 17 00.0+		D Minimum. 17 00.0+		Range.	Z Maximum. -(36000+)		Z Minimum. -(36000+)		Range.	K - indices.									C figure	Mean daily temp. of variometer room.
U.T.		h.m.		h.m.			h.m.		h.m.			h.m.		h.m.			E	1	2	3	4	5	6	7	8	Sum.		C
Date.																												
1		23 20	547	502	02 14	45	18 01	14.1	00.3	01 43	13.8	06 41	886	913	04 20	27	5	3	3	3	3	1	1	2	21	1	+4.5
2		20 02	554	529	15 23	25	23 13	14.0	07.3	09 55	6.7	10 07	893	906	23 30	13	1	1	1	2	1	1	1	2	10	0	+4.3
3		05 41	557	522	17 03	35	16 43	14.8	07.2	11 18	7.6	17 00	883	909	00 38	26	2	2	2	2	2	2	2	2	16	1	+4.6
4		08 42	565	514	17 55	51	18 06	15.2	01.4	09 01	13.8	09 09	860	913	23 28	53	1	2	4	4	3	3	2	3	22	1	+4.7
5		02 37	570	525	22 59	47	22 50	14.9	06.8	07 46	8.1	14 28	888	912	00 10	24	3	2	2	2	2	2	1	4	18	1	+4.9
6	☽	00 45	562	528	02 43	34	17 51	12.6	06.8	03 01	5.8	14 38	891	906	00 43	15	3	3	1	1	1	1	1	0	11	0	+4.8
7		11 45	583	539	15 12	44	17 50	12.2	06.7	11 04	5.5	11 10	880	898	21 45	18	1	2	2	3	2	2	2	3	17	1	+4.8
8	D	08 02	682	275	17 19	407	10 49	46.9	45.0+	21 54	65.9	11 52	677	1306	21 50	629	3	2	6	7	7	7	7	8	47	2	+4.5
9	D	22 54	511	319	07 54	192	00 30	34.4	01.3	08 47	33.1	08 09	838	1002	00 02	164	6	4	6	6	5	3	2	4	36	2	+4.6
10		22 38	521	441	00 01	80	01 19	17.6	02.3	01 51	15.3	05 00	900	949	01 11	49	5	4	4	2	2	2	2	3	24	1	+4.6
11		11 00	546	487	00 47	59	20 35	14.3	06.2	02 19	8.1	11 30	901	928	02 02	27	4	3	3	3	2	1	3	3	22	1	+4.4
12		04 20	559	507	15 28	52	17 17	13.5	04.9	04 06	8.6	09 19	873	926	00 29	53	3	3	3	3	3	3	2	2	22	1	+4.4
13		05 01	558	510	16 42	48	17 10	13.3	04.3	06 05	9.0	08 38	880	909	22 23	29	3	3	4	2	2	2	1	2	19	1	-1.2
14		09 20	547	511	16 05	36	08 39	14.3	05.9	04 51	10.4	08 50	876	908	03 16	32	3	4	4	4	3	2	2	1	23	1	-2.0
15	☽	08 59	542	520	16 37	22	16 48	13.2	07.4	04 34	5.8	10 00	893	906	02 39	13	3	2	2	2	1	1	1	2	14	0	-1.9
16	☽	04 36	548	513	23 12	35	23 04	13.2	06.6	05 02	6.6	16 10	892	905	00 28	13	2	3	1	1	1	1	2	2	13	0	-1.5
17		04 57	574	518	00 46	56	00 48	12.0	56.9+	05 29	15.1	05 34	869	910	01 00	41	4	5	4	3	1	1	1	1	20	1	-1.5
18	D	07 52	581	497	23 06	84	12 19	14.3	00.1	06 58	14.2	07 55	857	903	23 59	72	4	3	5	4	3	3	3	4	29	2	-1.7
19		07 36	591	472	22 54	119	21 20	14.5	01.4	08 32	13.1	08 11	849	908	00 34	59	3	3	4	3	2	2	4	5	26	2	-1.9
20		08 11	552	480	02 43	72	12 52	14.2	00.6	05 46	13.6	05 43	861	908	04 20	47	4	4	3	3	3	3	2	3	25	2	-1.6
21	D	20 52	571	491	16 39	80	19 00	20.7	05.9	16 38	14.8	18 53	877	921	19 31	44	3	3	3	2	2	4	5	4	26	2	-1.9
22		04 44	557	518	12 15	39	00 01	12.5	05.9	01 39	6.6	12 17	884	905	02 24	21	4	3	2	3	3	2	2	2	21	1	-1.6
23	☽	11 27	551	522	16 53	29	18 21	12.2	08.3	23 48	3.9	15 09	888	900	20 04	12	1	1	1	1	1	1	1	2	9	0	-1.4
24		12 22	558	514	02 31	44	18 12	15.6	05.8	02 01	9.8	17 45	877	900	22 48	23	3	2	1	2	2	3	3	2	18	1	-1.5
25		11 18	556	493	22 42	63	21 53	13.9	59.7+	08 11	14.2	09 40	864	905	20 12	41	1	1	4	5	3	2	3	4	23	1	-1.1
26		07 45	545	496	00 00	49	18 00	12.5	01.3	02 32	11.2	09 35	885	907	00 06	22	5	3	3	2	2	1	2	2	20	1	-1.0
27	D	07 10	553	477	23 05	76	21 43	18.3	59.5+	07 28	19.3	07 48	824	920	23 57	96	3	4	4	4	4	3	3	4	29	2	-0.5
28		20 39	556	476	02 02	80	18 09	13.0	01.3	01 39	11.7	05 40	888	923	00 11	35	4	3	3	0	0	0	2	2	14	1	+0.5
29		23 51	555	510	16 23	45	18 31	13.4	08.0	13 38	5.4	15 00	884	902	20 15	18	2	1	0	1	1	1	3	2	11	0	-1.1
30		06 54	561	514	16 30	47	20 49	12.7	04.6	07 18	8.1	07 27	877	901	23 30	24	2	2	3	2	1	1	2	3	16	1	-1.5
31		11 24	549	492	17 22	57	17 27	16.0	02.5	07 00	13.5	17 21	868	900	21 27	32	2	2	3	3	1	4	2	1	18	1	-2.1

+ 16 00.0 + tabulated value.

AUGUST 1958

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM
Temperature trace		
Scale Value	0·527°C/mm	
Base Line	-31·5°C	
Parallax correction	+ 4 minutes	
Horizontal force trace		
Scale Value	4·43 Y/mm	16·1 Y/mm
Base Line	1st to 3rd 25476Y at 0°C 4th to 6th 25477Y " " 7th to 9th 25478Y " " 10th to 31st 25479Y " "	Actual
Temperature coefficient	4·50 Y/°C	—
Parallax correction	+ 2 minutes	Nil
Reflection distance:		
Main trace to 1st refl. down	89·7mm	
Declination trace		
Scale Value	0·92 minutes arc/mm	2·36 minutes arc/mm
Base Line Actual	17°38·2'	
Parallax correction	+ 2 minutes	- 1 minute
Reflection distance:		
Main trace to 1st refl. down		
Vertical force trace		
Scale Value	2·50Y/mm	10·9 Y/mm
Base Line	1st to 2nd -36898Y at 0°C 3rd to 5th -36899Y " " 6th to 9th -36900Y " " 10th to 31st -36901Y " "	Actual
Temperature coefficient	2·96 Y/°C	—
Parallax correction	Nil	- 2 minutes
Reflection distances:		
Main trace to 1st refl.down	95·6mm	
Main trace to 1st refl. up	75·3mm	
Distance between base lines	H to Z 155·7mm	D to Z 178·6mm

Explanation

Instruments all standard Ia Cœur
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to times as read from the Magnetograms.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
(Temperature trace reflection)
D Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
Z Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Baseline, two lines where double
H Baseline
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Except 9th 0000Z to 1500Z Time marking erratic see added hour marks

Extreme values, daily ranges, and K-indices.

August 1958.

U.T. Date		H Maximum. 23000+ h.m.		H Minimum. 23000+	h.m.	H Range.	D Maximum. 17 00.0+ h.m.		D Minimum. 17 00.0+	h.m.	D Range.	Z Maximum. -(36000+) h.m.		Z Minimum. -(36000+)	h.m.	Z Range.	K - indices. 1 2 3 4 5 6 7 8	Sum.	C Figure	Mean daily temp. of variometer room. C
1		11 17	556	511	16 03	45	17 01	13.0	07.7	13 39	5.3	11 30	875	896	02 09	21	2 2 1 3 3 2 2 2	17	1	-2.1
2		23 59	556	507	16 40	49	17 02	14.0	06.1	05 33	7.9	16 18	877	900	19 48	23	2 3 2 2 2 3 2 2	18	1	-1.9
3		02 03	560	517	16 17	43	18 31	13.4	02.2	01 43	11.2	05 18	863	898	00 01	35	4 4 4 3 3 2 1 1	22	1	-2.1
4	Q	03 29	553	526	17 20	27	17 50	13.1	07.5	05 27	5.6	16 11	874	894	20 40	20	1 2 2 1 1 1 1 1	10	0	-2.4
5	Q	02 26	556	523	14 23	33	18 13	12.6	07.0	07 55	5.6	16 44	869	889	02 27	20	1 1 2 2 2 1 1 1	11	0	-2.2
6	Q	08 10	556	519	15 22	37	18 31	11.6	07.7	13 42	3.9	14 54	875	890	00 15	15	1 1 1 1 1 1 1 2	9	0	-2.1
7		10 52	569	511	15 49	58	18 01	13.5	06.7	03 30	6.8	15 33	869	889	22 00	20	2 2 2 3 3 2 2 1	17	1	-2.3
8	Q	10 55	558	516	15 28	42	17 45	12.5	06.6	13 39	5.9	16 32	874	888	23 22	14	1 1 1 1 1 1 1 1	8	0	-2.2
9		11 14	560	523	15 53	37	18 15	11.6	03.1	03 58	8.5	16 12	869	888	01 21	19	3 3 1 1 1 1 1 2	13	0	-2.2
10		08 38	575	519	15 40	56	19 26	14.5	01.4	07 21	13.1	07 32	865	892	21 55	27	2 2 4 3 1 2 3 3	20	1	-2.3
11		03 16	575	505	15 40	70	18 59	13.5	01.5	05 43	12.0	10 30	853	889	01 21	36	3 3 5 3 2 1 2 1	20	1	-2.9
12		22 03	567	522	16 30	45	18 32	12.3	03.2	06 22	9.1	06 08	859	887	00 33	28	2 3 3 2 2 1 2 2	17	1	-2.1
13		04 59	561	505	15 07	56	18 17	12.3	56.9+	06 38	15.4	06 27	835	890	21 10	55	2 3 5 3 1 2 1 2	19	1	-1.9
14		11 02	563	517	14 23	46	18 47	14.0	05.1	02 51	8.9	18 43	869	898	23 59	29	3 3 1 1 1 1 2 3	15	1	-1.8
15		04 29	577	517	00 12	60	17 21	12.1	01.9	04 43	10.2	04 41	863	896	00 59	33	3 4 1 1 1 1 1 1	13	1	-1.7
16		10 39	558	508	02 03	50	18 32	13.4	06.3	13 38	7.1	15 45	863	887	04 22	24	4 3 2 1 1 2 2 2	17	1	-1.6
17	D	06 29	629	438	22 40	191	22 25	22.2	01.9	13 11	20.3	09 23	829	951	23 39	122	2 2 5 4 4 5 5 5	32	2	-1.8
18	D	04 17	538	465	00 05	73	18 11	13.4	00.4	05 33	13.0	05 29	833	921	00 55	88	4 5 3 2 2 1 1 2	20	1	-2.1
19		11 22	549	495	16 04	54	18 30	13.7	05.2	02 20	8.5	15 49	869	899	00 59	30	3 3 2 2 2 2 2 2	18	1	-1.4
20	Q	07 42	554	500	15 23	54	17 51	13.1	06.6	13 03	6.5	15 34	868	892	21 10	24	2 2 2 1 1 1 1 1	11	0	-1.1
21		11 50	560	508	15 35	52	18 23	13.8	06.8	12 45	7.0	15 39	861	894	22 06	33	2 1 0 2 2 1 1 3	12	0	-1.1
22	D	02 31	621	492	06 31	129	18 00	14.3	50.5+	04 03	23.8	06 29	746	911	02 31	165	6 5 6 2 2 2 3 2	28	2	-1.0
23		06 02	564	499	16 14	65	19 28	13.4	03.6	06 22	9.8	16 15	862	893	22 48	31	2 4 3 1 1 2 2 2	17	1	-1.9
24	D	02 21	630	410	03 27	220	12 00	24.0	41.7+	02 21	42.3	04 54	687	908	01 44	219	6 6 5 6 5 3 3 2	36	2	-1.9
25		00 22	543	485	16 19	58	19 01	15.8	01.5	05 09	14.3	06 34	873	901	00 28	28	3 4 3 2 4 2 2 2	22	1	-1.8
26		11 03	558	484	16 12	74	19 00	15.2	03.3	06 27	11.9	11 00	839	901	23 52	62	3 4 3 4 3 2 2 3	24	1	-1.9
27	D	05 20	567	452	09 12	115	18 10	19.5	52.7+	05 45	26.8	07 45	749	908	23 10	159	3 5 5 6 4 3 4 4	34	2	-1.7
28		09 58	543	482	17 10	61	19 00	18.3	07.6	05 39	10.7	14 45	862	908	23 03	46	2 3 3 3 3 2 3 2	21	1	-2.0
29		09 57	560	480	16 09	80	18 00	15.8	06.0	12 51	9.8	16 12	855	901	00 01	46	1 2 2 2 2 2 2 3	16	1	-1.4
30		09 09	559	496	15 47	63	18 12	16.6	04.8	13 19	11.8	15 29	855	897	00 40	42	3 2 2 2 2 2 1 2	16	1	-1.9
31		09 25	563	490	16 42	73	18 30	16.6	06.2	12 17	10.4	16 39	846	888	00 48	42	2 2 2 2 1 2 2 1	14	0	-2.6

+ 16 00.0 + tabulated value.

SEPTEMBER 1958

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM	
Temperature trace			
Scale Value	0·527°C/mm		
Base Line	-31·5°C		
Parallax correction	+ 4 minutes		
Horizontal force trace			
Scale Value	4·43 Y/mm	16·1 Y/mm	
Base Line	1st to 20th 23479Y at 0°C 21st to 30th 23478Y " "		Actual
Temperature coefficient	4·50 Y/°C	—	
Parallax correction	+ 2 minutes	Nil	
Reflection distance:			
Main trace to 1st refl. down	89·6mm		
Declination trace			
Scale Value	0·52 minutes arc/mm	2·36 minutes arc/mm	
Base Line Actual	17°38·2'		
Parallax correction	+ 2 minutes	- 1 minute	
Reflection distance:			
Main trace to 1st refl. down			
Vertical force trace			
Scale Value	2·50Y/mm	10·9 Y/mm	
Base Line	1st to 19th -36901Yat 0°C 20th to 30th -36897Y " "	-36848Y	Actual
Temperature coefficient	2·96 Y/°C	—	
Parallax correction	Nil	- 2 minutes	
Reflection distances:			
Main trace to 1st refl. down	95·6mm		
Main trace to 1st refl. up	75·3mm		
Distance between base lines	H to Z 155·8mm	D to Z 178·1mm	

Explanation

Instruments at Adelaide Observatory
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be added to time as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
Temperature trace reflection,
Z Baseline
Z Trace
Z Baseline and Trace.
Effective temperature coefficient:
Z Baseline values increase with increasing temperature.
Z Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Baseline, Baseline values double
H Trace
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

September 1958.

Date.	U.T.	H Maximum. 23000+ h.m.	H Minimum. 23000+ h.m.	H Range.	D Maximum. 17 00.0+ h.m.	D Minimum. 17 00.0+ h.m.	D Range.	Z Maximum. -(56000+) h.m.	Z Minimum. -(56000+) h.m.	Z Range.	K - indices. E 1 2 3 4 5 6 7 8 Sum.	C figure	Mean daily temp. of variometer room. C
1		10 44 563	492 15 44	71	18 58 15.1	04.4 13 17	10.7	15 30 851	886 21 30	35	1 1 1 2 2 1 1 2 11	0	-2.3
2		10 43 561	495 16 02	66	18 30 15.2	06.5 13 21	8.7	15 50 853	885 01 05	32	1 1 1 1 1 1 1 2 9	0	-2.3
3	D	09 22 596	428 22 54	168	21 51 20.8	01.5 12 31	19.3	10 12 814	915 22 56	101	2 2 3 5 5 4 4 6 31	2	-2.2
4	D	05 09 540	252 23 11	288	22 29 41.1	57.4+ 23 00	43.7	15 35 791	1143 22 59	352	5 4 3 3 5 5 6 7 38	2	-2.0
5	D	22 31 500	268 01 20	232	03 31 25.0	51.6+ 04 41	33.4	04 26 760	1056 00 53	296	7 7 3 3 3 3 4 2 32	2	-2.1
6		23 57 525	456 16 02	69	19 10 16.8	08.0 14 01	8.8	16 07 879	920 00 12	41	1 2 1 2 1 2 2 2 13	0	-1.7
7		05 58 551	454 15 22	97	22 50 23.5	05.1 14 08	18.4	15 29 856	950 23 58	74	2 3 3 3 2 2 3 5 23	1	-1.8
8		22 18 552	477 16 02	75	18 40 15.9	02.5 02 29	13.4	15 50 870	930 00 01	60	4 4 1 1 1 2 2 4 19	1	-2.1
9		06 12 563	477 15 18	86	18 21 18.1	03.2 13 49	14.9	13 51 862	907 22 39	45	4 3 3 3 3 2 3 4 25	1	-1.1
10		11 09 553	469 16 54	84	18 20 17.6	04.3 01 47	13.5	16 49 859	903 00 12	44	3 3 2 2 2 2 2 3 19	1	-1.8
11		07 39 567	482 15 47	85	18 16 16.8	04.3 13 39	12.5	16 00 855	894 01 51	41	3 2 2 2 2 2 2 2 17	0	-1.8
12		11 03 562	490 16 23	72	18 31 16.0	04.9 13 30	11.1	16 20 849	890 00 01	41	2 2 1 1 1 1 1 1 10	0	-1.7
13	☾	10 36 560	488 15 58	72	18 35 15.7	04.3 13 18	11.4	16 31 850	888 20 53	38	1 1 0 0 0 0 1 1 4	0	-1.6
14	☾	10 31 567	502 15 33	65	19 18 15.4	03.2 13 12	12.2	16 10 845	882 00 40	39	1 1 1 1 1 0 1 2 8	0	-1.2
15		04 42 571	505 15 20	66	18 08 15.4	02.2 13 21	13.2	16 26 840	880 01 20	40	1 1 1 1 1 2 2 1 10	0	-1.5
16	D	04 05 585	472 21 30	113	17 50 18.7	58.6+ 04 32	20.1	18 26 837	900 23 38	63	3 4 4 4 4 4 4 4 31	1	-2.1
17		05 37 549	470 15 22	79	18 03 16.9	02.9 00 43	14.0	15 25 850	901 00 13	51	4 3 2 2 2 2 2 1 18	1	-2.3
18	☾	09 15 549	486 15 40	63	19 39 16.4	04.2 13 31	12.2	15 40 853	887 21 53	34	1 0 2 1 1 1 2 2 10	0	-2.3
19		10 15 564	487 15 45	77	19 21 15.9	03.1 12 05	12.8	15 47 848	886 00 00	38	1 1 1 2 2 1 2 2 12	0	+2.1
20		02 20 564	501 15 52	63	18 36 15.3	03.4 13 11	11.9	16 30 841	882 21 58	41	2 2 1 1 1 1 1 1 10	0	+2.3
21	☾	10 08 568	503 16 48	65	19 03 15.6	04.1 12 47	11.5	16 40 838	878 00 20	40	1 0 1 1 1 1 2 1 8	0	+2.4
22	☾	10 36 569	500 15 30	69	18 39 15.5	04.1 13 30	11.4	16 10 830	873 00 01	43	1 1 1 1 1 1 1 1 8	0	+2.6
23		02 49 570	502 15 32	68	18 44 16.1	04.1 12 09	12.0	16 40 830	877 21 22	47	2 1 1 1 1 0 1 3 10	0	+2.4
24		02 58 573	496 14 49	77	18 54 15.9	05.4 13 01	12.5	17 00 837	879 23 03	42	3 1 2 1 1 1 2 4 15	1	+2.7
25	D	04 21 631	403 22 59	227	18 21 25.9	48.9+ 08 04	37.0	07 01 734	945 22 25	211	3 6 5 5 4 4 3 6 36	2	+2.6
26		23 03 537	456 15 00	81	18 52 19.6	03.3 08 34	16.3	08 39 855	916 00 08	61	5 4 4 4 3 2 2 3 27	1	+2.9
27		04 07 541	465 15 33	76	19 08 16.4	05.9 13 45	10.5	15 36 853	895 00 26	42	2 3 3 2 2 3 2 3 20	1	+3.0
28		01 53 551	476 15 41	75	19 02 16.1	04.8 08 51	11.3	16 30 850	892 01 00	42	3 3 2 3 2 1 1 2 17	1	+3.2
29		05 52 559	492 16 14	67	19 02 15.5	05.0 13 00	10.5	16 40 843	880 00 38	37	2 2 2 1 1 1 1 2 12	0	+3.1
30		11 18 576	482 16 30	94	19 05 19.7	01.9 12 22	17.8	16 32 828	904 21 31	76	1 1 2 5 3 2 3 4 19	1	+2.6

+ 16 00.0 + tabulated value.

	SENSITIVE MAGNETOGRAM		INSENSITIVE MAGNETOGRAM	
Temperature trace				
Scale Value	0·527°C/mm			
Base Line	-31·5°C			
Parallax correction	+ 4 minutes			
Horizontal force trace				
Scale Value	4·43 γ/mm		16·1 γ/mm	
Base Line	1st to 28th 23478γ	at 0°C		Actual
	29th to 31st 23477γ	" "		
Temperature coefficient	4·50 γ/°C		—	
Parallax correction	+ 2 minutes		Nil	
Reflection distance:				
Main trace to 1st refl. down	89·6mm			
Declination trace				
Scale Value	0·92 minutes arc/mm		2·36 minutes arc/mm	
Base Line Actual	17°38·2'			
Parallax correction	+ [illegible] minutes		- 1 minute	
Reflection distance:				
Main trace to 1st refl. down	[illegible]			
Vertical force trace				
Scale Value	2·50 γ/mm		10·9 γ/mm	
Base Line	-[illegible]6897γ	at 0°C		Actual
Temperature coefficient	2·96 γ/°C		—	
Parallax correction	Nil		- 2 minutes	
Reflection distances:				
Main trace to 1st refl. down	95·7mm			

Distance between base lines H to Z 155·9mm D to Z 178·5mm

Explanation

Instruments all standard La Cour
All charts complete Greenwich **days** except for charts showing only part **days.**
Parallax correction to be added to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
(Temperature trace reflection)
D Baseline
D Trace
Z Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
Z Algebraic baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line, Upper line where double
H Baseline
T Trace
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values, daily ranges, and K-indices.

October 1958.

Date.		H Maximum. 23000+ U.T. h.m.	H Minimum. 23000+ h.m.	H Range.	D Maximum. 17 00.0+ h.m.	D Minimum. 17 00.0+ h.m.	D Range.	Z Maximum. -(56000+) h.m.	Z Minimum. -(56000+) h.m.	Z Range.	K - indices. 3 1 2 3 4 5 6 7 8	C Sum.	C figure	Mean daily temp. of variometer room. C
1		03 48 588	474 15 15	114	19 25 17.0	02.0 06 44	15.0	16 02 842	893 22 33	51	3 4 4 1 1 1 3 4	21	1	+3.0
2		02 30 556	477 15 38	79	18 21 16.1	05.1 05 59	13.0	07 29 849	892 02 22	43	4 3 4 1 1 2 1 3	19	1	+3.0
3		04 59 565	466 15 46	99	18 28 22.8	01.3 05 22	21.5	16 21 825	884 21 35	59	3 3 4 3 3 3 3 2	24	1	+3.0
4	Q	23 40 576	475 15 31	101	18 11 17.6	05.0 12 59	14.6	15 39 834	888 23 40	54	2 2 2 1 2 1 2 3	15	0	+2.8
5		07 02 574	479 15 30	95	17 40 18.3	05.0 11 33	13.3	16 00 836	887 21 39	51	3 2 3 2 2 3 2 3	20	1	+3.0
6		04 33 590	485 15 29	105	17 41 18.8	02.4 13 11	16.4	15 51 851	892 21 51	61	2 3 1 1 3 2 3 3	18	1	+3.2
7		05 58 579	473 16 47	106	18 49 20.3	06.1 05 51	14.2	16 45 828	891 21 14	63	3 3 3 2 2 3 3 4	25	1	+3.3
8		06 45 554	489 15 44	65	18 01 17.2	05.8 05 40	13.4	15 53 840	882 00 09	42	3 4 3 2 2 1 1 2	18	1	+3.1
9	Q	02 37 567	479 15 03	88	18 08 17.1	05.0 13 11	12.1	16 00 828	874 20 58	46	3 3 1 1 1 1 2 2	14	0	+2.8
10	Q	02 28 573	487 16 03	86	17 43 17.2	03.8 12 51	13.4	15 54 825	870 23 59	45	2 1 0 1 1 2 2 1	10	0	+3.2
11	Q	02 27 570	499 15 36	71	19 22 16.2	04.6 12 01	11.6	16 29 826	873 22 40	47	2 1 1 1 1 1 2 3	12	0	+3.3
12	Q	02 18 569	499 15 42	70	19 31 15.8	04.2 12 51	11.6	16 13 831	864 23 14	33	1 0 0 0 1 1 2 2	7	0	+3.2
13		03 22 579	489 15 43	90	19 23 16.3	03.6 10 57	12.7	16 30 815	863 23 23	48	1 2 2 2 2 2 3 2	16	1	+3.4
14		04 29 583	497 16 09	86	19 15 17.5	04.2 14 00	13.3	16 13 828	887 21 46	59	2 3 1 2 3 2 1 3	17	1	+3.2
15		04 33 573	499 15 26	79	19 02 17.9	04.5 10 49	13.4	16 20 819	872 23 00	53	2 2 2 2 2 2 3 2	17	1	+3.3
16		04 11 582	491 16 12	91	19 00 15.0	04.3 13 18	10.7	06 01 817	866 22 42	49	2 3 3 1 2 1 2 1	15	1	+3.3
17		04 12 588	491 16 31	97	19 38 17.2	04.1 10 52	13.1	16 55 819	869 21 42	50	3 3 2 2 1 3 2 3	19	1	+3.1
18		01 43 576	481 15 35	95	18 23 15.1	02.6 13 27	12.5	16 06 817	869 22 23	52	2 2 2 2 1 2 2 2	15	1	+3.1
19		03 02 574	473 16 20	101	18 18 19.6	02.0 11 25	17.6	16 41 801	872 22 07	71	2 2 1 3 1 2 2 3	16	1	+3.0
20		21 32 582	472 15 19	110	18 56 19.8	05.7 12 10	16.1	17 11 809	877 21 40	68	3 1 1 1 1 2 3 4	16	1	+3.2
21		02 17 590	483 15 59	107	17 54 17.9	04.4 10 02	13.5	16 10 813	867 23 50	54	3 3 1 2 1 2 3 2	17	1	+3.2
22	D	03 20 628	457 16 35	171	19 32 25.0	56.7+ 06 53	26.3	08 12 780	924 22 04	144	2 5 6 5 3 3 4 4	32	2	+3.1
23	D	23 36 560	413 14 14	147	17 39 23.9	56.0+ 06 15	27.9	08 57 802	941 21 50	139	4 4 5 5 4 3 3 4	32	2	+3.0
24	D	07 32 565	352 13 20	213	17 24 29.3	50.5+ 08 18	38.8	10 09 710	964 22 35	254	4 4 6 6 5 5 4 5	39	2	+2.8
25		23 59 532	435 15 02	97	18 37 18.5	07.7 08 56	10.8	15 49 847	927 00 02	80	4 3 3 2 1 1 2 2	18	1	+3.5
26		03 33 558	461 13 57	97	17 51 18.6	02.7 08 44	15.9	08 50 839	886 22 01	47	2 3 3 3 2 2 2 2	19	1	+3.8
27	D	02 12 555	473 14 18	82	18 45 28.7	05.7 10 26	23.0	15 01 827	942 21 16	115	2 3 2 2 1 3 3 4	22	1	+3.5
28	D	07 46 562	442 15 32	120	18 04 25.1	02.2 07 59	20.9	12 41 815	922 22 15	107	3 2 4 4 4 3 3 4	27	2	+3.0
29		23 43 571	430 15 44	141	18 52 17.9	04.1 09 32	13.8	16 01 823	916 23 41	93	3 3 3 3 2 3 4 4	25	1	+3.3
30		21 47 558	447 15 02	111	17 40 18.9	02.3 10 21	16.6	14 29 823	903 21 48	80	3 2 3 3 3 2 4 4	24	1	+3.1
31		22 23 574	436 16 19	138	18 19 17.9	01.3 10 11	16.6	16 20 810	882 00 14	72	3 3 3 3 2 4 3 3	24	1	+3.3

+ 16 00.0 + tabulated value.

NOVEMBER 1958

	SENSITIVE MAGNETOGRAM	INSENSITIVE MAGNETOGRAM NONE INCLUDED
Temperature trace		
Scale Value	0·527°C/mm	
Base Line	-31·5°C	
Parallax correction	+ 4 minutes	
Horizontal force trace		
Scale Value	4·43 Y/mm	16·1 Y/mm
Base Line	1st to 12th 23477Y at 0°C 13th to 26th 23476Y " " 27th to 30th 23475Y " "	Actual
Temperature coefficient	4·50 Y/°C	—
Parallax correction	+ 2 minutes	Nil
Reflection distance:		
Main trace to 1st refl. down	89·6mm	
Declination trace		
Scale Value	0·92 minutes arc/mm	2·36 minutes arc/mm
Base Line Actual	17°38·2'	
Parallax correction	+ 2 minutes	- 1 minute
Reflection distance:		
Main trace to 1st refl. down		
Vertical force trace		
Scale Value	2·50Y/mm	10·9 Y/mm
Base Line	1st to 11th -36898Y at 0°C 12th to 24th -36899Y " " 25th to 31st -36897Y " "	Actual
Temperature coefficient	2·96 Y/°C	—
Parallax correction	Nil	- 2 minutes
Reflection distances:		
Distance between base lines	H to Z 155·9mm	D to Z

Explanation

Instruments all standard La Coeur
All charts complete Greenwich days except for charts showing only part days.
Parallax correction to be allied to times as read from the magnetogram.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
Temperature trace reflection,
Z Baseline
D Trace
D Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
D Algebraic Baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Baseline, Zero line where double
H Baseline
H Trace
Z Trace
Z Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K-indices.

November 1958.

Date.	U.T.	H Maximum. 23000+ h.m.	H Minimum. 23000+ h.m.	H Range.	D Maximum. 17 00.0+ h.m.	D Minimum. 17 00.0+ h.m.	D Range.	Z Maximum. -(36000+) h.m.	Z Minimum. -(36000+) h.m.	Z Range.	K - indices. E 1 2 3 4 5 6 7 8	Sum.	C figure	Mean daily temp. of variometer room. C
1		02 22 582	479 14 49	103	18 25 19.3	01.8 11 10	17.5	15 18 810	874 00 17	64	2 2 2 3 2 2 3 2	18	1	+4.0
2	D	01 36 590	481 18 23	99	17 30 20.6	02.3 11 29	18.3	15 16 811	887 23 26	76	2 0 2 2 2 4 3 3	18	1	+4.6
3	D	03 30 564	468 14 06	96	19 09 16.0	02.5 11 37	13.5	14 17 834	887 00 58	53	2 3 3 3 3 2 3 3	22	1	+4.9
4		03 23 566	484 14 44	82	18 23 15.2	59.8+ 12 01	15.4	13 17 851	878 00 11	47	2 3 2 4 4 2 3 3	23	1	+4.4
5	Q	02 02 567	494 15 16	73	17 43 15.3	04.7 10 31	10.6	13 47 824	865 02 01	41	2 1 1 1 1 1 1 1	9	0	+3.8
6	Q	05 43 566	507 13 59	59	18 04 15.1	04.3 00 42	10.8	15 18 826	859 00 33	33	1 1 1 1 1 1 1 2	9	0	+4.3
7		03 02 577	507 15 58	70	18 09 15.8	04.5 08 48	11.5	14 40 822	873 21 26	51	2 1 2 2 2 2 2 2	15	1	+5.1
8	Q	22 23 568	493 15 02	75	18 28 14.5	04.0 09 29	10.5	16 11 820	862 00 00	42	1 2 1 2 1 1 2 1	11	0	+6.7
9		23 50 585	516 15 14	69	18 12 13.4	02.5 09 41	10.9	15 12 812	830 01 43	48	1 3 1 1 1 0 2 2	11	0	+6.8
10	D	04 04 595	484 14 35	111	17 41 16.6	57.5+ 09 12	19.1	13 59 793	870 23 48	77	1 3 3 5 3 2 4 3	24	2	+6.2
11	D	01 33 606	471 13 29	135	17 01 18.0	58.7+ 06 42	19.3	05 47 810	884 01 35	74	4 4 4 3 3 2 2 2	24	2	+5.3
12		04 05 576	462 14 20	114	17 41 16.1	02.3 11 57	13.8	14 08 808	869 21 53	61	2 2 2 3 3 2 3 3	20	1	+4.3
13		01 29 573	462 14 02	111	17 40 17.2	03.6 10 57	13.6	14 24 817	867 00 54	50	3 3 2 2 2 2 2 1	17	1	+3.4
14		22 12 576	483 15 35	93	17 41 15.9	03.5 10 36	12.4	14 48 803	866 22 11	63	2 1 2 2 1 1 1 3	13	0	+3.4
15		06 17 582	486 14 32	96	18 32 14.4	03.1 08 31	11.3	13 14 816	859 23 51	43	3 2 3 1 2 0 1 2	14	1	+3.7
16		02 28 609	503 14 43	106	18 00 12.9	59.7+ 10 11	13.2	12 49 804	867 00 31	63	3 4 2 3 3 2 2 3	22	1	+3.5
17		23 59 581	491 15 13	90	17 54 14.5	01.4 07 11	13.1	15 51 804	860 23 59	56	2 2 3 3 1 2 3 2	18	1	+3.8
18		21 02 576	511 14 52	65	18 35 18.4	04.0 11 10	14.4	14 54 802	874 21 13	72	1 2 3 2 2 2 3 3	18	1	+3.4
19		02 47 574	500 14 30	74	18 08 16.3	03.5 11 01	12.8	14 18 806	855 00 25	49	2 1 2 2 1 2 1 1	12	0	+3.2
20		23 59 568	496 15 15	72	17 32 15.7	01.9 11 07	13.8	15 39 799	849 02 48	50	2 1 1 2 1 2 1 1	11	0	+3.0
21		23 12 579	503 15 46	76	18 11 15.1	01.7 11 04	13.4	15 20 800	857 23 13	57	1 1 1 2 1 1 2 2	11	0	+3.4
22	Q	00 55 593	496 16 06	97	18 20 14.2	02.3 10 13	11.9	15 15 806	861 00 36	55	3 2 2 2 2 1 1 2	15	1	+3.3
23		03 45 591	514 14 59	77	17 01 16.3	59.3+ 10 30	17.0	13 05 794	851 00 48	57	2 2 2 3 4 3 2 3	21	1	+3.1
24		01 36 569	481 15 30	88	17 56 20.3	00.3 09 25	20.0	15 25 784	859 21 22	75	1 1 2 3 3 3 3 3	19	1	+3.1
25		02 48 593	485 15 50	110	18 21 21.5	00.4 10 18	21.1	15 50 791	885 23 40	94	3 2 2 2 3 3 3 3	21	1	+6.3
26		03 30 565	473 14 22	92	17 01 19.0	01.4 10 31	17.6	13 39 805	878 00 01	73	3 3 2 2 2 3 2 3	20	1	+7.0
27		03 03 575	476 15 16	99	18 31 19.9	02.5 10 33	17.4	14 17 804	881 23 50	77	2 3 2 2 2 2 2 2	17	1	+7.0
28	D	01 19 596	455 15 48	141	17 20 18.4	57.5+ 08 57	20.9	14 32 788	878 01 20	90	3 3 4 4 4 3 3 3	27	2	+7.3
29		01 16 587	458 15 47	129	19 01 18.1	01.2 11 37	16.9	15 14 802	863 23 16	61	3 3 3 3 3 2 2 3	22	1	+7.3
30	Q	05 17 573	469 15 01	104	17 51 18.4	02.5 11 20	15.9	15 10 800	858 20 15	58	2 2 1 1 1 1 2 1	11	0	+7.3

+ 16 00.0+ tabulated value.

DECEMBER 1958

	SENSITIVE MAGNETOGRAM		INSENSITIVE MAGNETOGRAM	
Temperature trace				
Scale Value	0·527°C/mm			
Base Line	-31·5°C			
Parallax correction	+ 4 minutes			
Horizontal force trace				
Scale Value	4·43 Y/mm		16·1 Y/mm	
Base Line	1st to 7th 23475Y	at 0°C		Actual
	7th to 31st 23474Y	" "		
Temperature coefficient	4·50 Y/°C		—	
Parallax correction	+ 2 minutes		Nil	
Reflection distance:				
Main trace to 1st refl. down	89·6mm			
Declination trace				
Scale Value	0·92 minutes arc/mm		2·36 minutes arc/mm	
Base Line Actual	17°38·2'			
Parallax correction	+ 2 minutes		- 1 minute	
Reflection distance:				
Main trace to 1st refl. down				
Vertical force trace				
Scale Value	2·50Y/mm		10·9 Y/mm	
Base Line	1st to 19th -36895Y	at 0°C		Actual
	20th to 26th -36896Y	" "		
	27th to 31st -36897Y	" "		
Temperature coefficient	2·96 Y/°C		—	
Parallax correction	Nil		- 2 minutes	
Reflection distances:				
Main trace to 1st refl. down	95·6mm			
Main trace to 1st refl. up	75·3mm			
Distance between base lines	H to Z 155·9mm		D to Z 178·0mm	

Explanation

Instruments all standard La Cour
All charts complete Greenwich days except for charts starting only part days.
Parallax corrections to be added to the values read from the magnetograms.

Sensitive Magnetogram

Order of Traces from top to bottom,
Temperature Trace
H Trace
H Baseline
Temperature trace reflection,
D Baseline
D Trace
D Baseline and Trace.
Effective temperature coefficient:
H Baseline values increase with increasing temperature.
D Algebraic baseline values decrease with increasing temperature.

Insensitive Magnetogram

Order of Traces from top to bottom,
D Trace
D Base line, Y Baseline where double
Z Baseline
Z Trace
H Trace
H Baseline

Clock correct to within 30 seconds throughout

Extreme values , daily ranges , and K - indices.

December 1958.

Date.	U.T.	H Maximum. 23000+ h.m.	H Minimum. 23000+ h.m.	H Range.	D Maximum. 17 00.0+ h.m.	D Minimum. 17 00.0+ h.m.	D Range.	Z Maximum. -(36000+) h.m.	Z Minimum. -(36000+) h.m.	Z Range.	K - indices. E 1 2 3 4 5 6 7 8 Sum.	C figure	Mean daily temp. of variometer room. C
1	Q	05 10 579	486 14 52	93	17 41 16.9	01.7 10 36	15.2	14 50 798	850 03 00	52	2 1 1 2 2 2 2 2 14	0	+9.2
2		21 52 622	481 13 18	141	17 41 21.5	57.4+ 10 04	24.1	13 20 791	932 21 55	141	2 3 3 3 3 3 4 5 28	1	+9.6
3		01 33 588	462 13 57	126	17 26 18.1	02.3 10 31	15.8	14 25 801	875 01 20	74	3 2 1 2 2 2 2 2 16	0	+9.9
4	D	00 40 629	420 15 50	209	18 41 26.6	49.3+ 09 38	39.3	10 23 764	1034 22 48	270	5 3 4 6 5 4 6 6 39	2	+10.3
5	D	23 47 547	433 16 05	114	18 01 21.0	05.1 01 05	15.9	16 08 826	957 00 01	131	5 3 3 3 3 2 3 3 25	1	+10.5
6		23 35 561	469 15 33	92	18 21 19.2	04.7 10 00	14.5	13 39 812	880 22 34	68	3 2 2 3 3 2 3 3 21	1	+10.1
7	Q	04 17 568	481 15 13	87	17 41 16.9	04.1 11 27	12.8	15 30 805	871 00 51	66	2 2 3 2 2 2 2 2 17	0	+9.9
8		23 14 596	484 14 12	112	19 11 17.1	03.3 11 15	13.8	14 00 808	892 23 12	84	2 2 2 2 3 2 4 4 21	1	+9.7
9		01 03 587	498 14 40	89	17 33 17.2	02.6 08 53	14.6	07 59 797	874 01 02	77	3 3 4 2 1 3 2 2 20	1	+9.8
10	Q	06 02 570	482 14 58	88	17 11 15.8	03.6 10 10	12.2	15 57 805	858 00 28	53	2 2 3 2 1 2 1 2 15	0	+10.1
11		21 45 577	478 14 48	99	18 15 21.4	02.6 09 52	18.8	16 02 791	859 23 04	68	3 2 3 3 3 2 3 3 22	1	+10.4
12	Q	21 05 594	477 13 02	117	18 14 17.7	02.7 09 56	15.0	13 02 788	867 21 12	79	3 2 2 3 4 3 3 4 24	1	+10.5
13	D	00 08 649	439 13 52	210	18 40 25.5	54.6+ 12 41	30.9	13 48 775	922 21 32	149	5 3 3 4 5 4 4 5 33	2	+10.2
14		03 05 596	444 14 15	152	18 48 22.7	01.0 11 08	21.7	14 26 798	895 00 02	97	4 4 2 2 4 3 4 4 27	1	+10.2
15		21 24 594	464 14 10	130	16 14 17.6	01.3 09 44	16.3	13 40 792	864 00 01	72	3 2 1 2 3 3 4 4 22	1	+10.3
16		02 10 656	484 16 36	172	18 36 14.3	57.6+ 11 38	16.7	12 38 784	869 02 14	85	5 4 2 4 4 2 4 3 28	1	+10.0
17	D	18 22 672	478 22 23	194	18 22 31.5	03.2 07 50	28.3	14 00 795	935 23 56	140	5 3 2 3 1 4 6 6 28	2	+10.0
18	D	02 11 597	473 15 55	124	02 51 16.3	01.4 10 08	14.9	13 10 824	935 00 01	111	5 4 2 3 3 2 2 4 25	1	+10.0
19		00 56 567	457 13 45	110	17 55 17.5	01.4 08 50	16.1	13 06 808	889 00 58	81	4 4 3 4 3 2 3 3 26	1	+9.9
20		00 40 585	460 15 44	125	17 20 19.6	00.8 06 58	18.8	16 39 800	875 00 40	75	3 2 3 3 2 2 3 3 21	1	+9.9
21		23 59 577	478 15 07	99	18 11 19.0	02.2 10 23	16.8	14 40 804	861 21 40	57	2 2 3 3 2 3 3 3 21	1	+10.1
22		00 14 586	478 13 23	108	18 31 16.1	00.8 09 06	15.3	13 26 798	863 00 18	65	4 1 2 3 3 2 3 3 21	1	+10.1
23		21 22 571	476 14 04	95	18 02 17.8	58.7+ 09 37	19.1	14 10 782	863 21 35	81	2 2 4 3 2 3 3 3 22	1	+9.7
24		21 59 576	479 16 09	97	17 08 17.0	01.3 12 04	15.7	15 47 788	854 22 00	66	2 2 2 2 2 1 2 3 16	0	+9.7
25	Q	23 35 625	493 14 42	132	16 50 16.6	02.3 09 51	14.3	12 36 792	857 23 46	65	1 1 1 1 1 1 3 5 14	1	+9.9
26		00 02 617	498 16 12	119	18 04 20.3	01.6 09 37	18.7	15 50 787	871 21 57	84	4 3 2 2 3 3 4 4 25	1	+10.2
27		23 37 591	475 15 02	116	17 51 18.9	03.7 05 51	15.2	16 17 782	871 23 40	89	3 3 3 3 4 3 1 3 23	1	+10.5
28		20 31 585	470 15 24	115	18 31 17.2	59.7+ 09 35	17.5	15 19 782	872 23 10	90	3 3 3 3 3 3 4 3 25	1	+10.2
29		01 01 572	492 14 15	80	18 01 18.7	01.5 11 54	17.2	15 50 786	870 21 59	84	3 2 2 2 2 3 3 4 21	1	+10.1
30		22 36 597	495 15 52	102	17 56 20.4	00.6 11 22	19.8	15 51 779	866 22 38	87	2 2 2 2 3 3 3 4 21	1	+ 9.8
31		00 27 579	492 14 44	87	17 20 17.8	01.7 12 01	16.1	15 34 780	849 00 28	69	2 2 2 1 2 2 3 2 16	0	+ 9.8

+ 16 00.0 + tabulated value.

N.B.
On 11th, E7 K'= 3
12th, E5 K'= 2
31st, E6 K'= 1