

Date Phase Record No.

Record :- 1960 AVG 15-16 (+10) []

Duration :- 22 h 00 m - 02 h 30 m

Time Analysed :- 22 h 00 m - 02 h 30 m

CROSS CALIBRATION.

	Beg.	End.
20 mA def. (D)	2.77	2.82
Cross Zero	6.22	6.18

$$d = 0.1782 \times g(z) \times D$$

$$[g(z) = 1.00 \text{--- from Table 1}]$$

Time -->

Time	D	20 mA def. (D)	Cross Zero	d	2d	3d	4d	5d	6d
	2.80								
	6.20								
	.50								
	1.00								
	1.50								
	2.00								
	2.50								
	3.00								

NORTH/SOUTH READINGS.

$$T = mA \times f(N/S) \text{ --- (for } f(N/S) \text{ see Tbl.2)}$$

Time	A ⁴⁰		B ³⁰		C ³⁶		D ³⁷		E ³⁹	
	mA	T	mA	T	mA	T	mA	T	mA	T
2206	2.1	84	2.0	76	2.0	72	2.0	74	2.2	86
2230	1.9	76	1.9	72	1.9	68	1.9	70	2.0	78
2300	1.7	68	1.7	65	1.7	61	1.7	63	1.8	70
2330	1.6	64	1.7	65	1.6	58	1.6	59	1.7	66
0000	1.5	60	1.5	57	1.5	54	1.6	59	1.7	66
0030	1.5	60	1.5	57	1.5	54	1.5	56	1.6	62
0100	1.3	52	1.3	49	1.3	47	1.3	48	1.5	59
0130	1.3	52	1.3	49	1.3	47	1.4	52	1.5	59
0200	1.3	52	1.3	49	1.3	47	1.3	48	1.5	59
0212	1.3	52	1.3	49	1.3	47	1.2	48	1.4	55

REMARKS :-

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
2208	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	5	—
	-1	9	6	—	—	—	—	—	8	—
	0	1	3	2	—	—	—	—	-2	—
	(-2)	(20)	(18)	(-2)	(22)	—	—	—	—	—
2212	0	6	—	-3	7	—	—	—	-5	—
	-3	3	6	5	4	—	—	—	—	—
	-7	-3	1	8	1	—	—	—	—	—
	-11	2	4	3	3	—	—	—	—	—
	-21	8	8	23	3	—	—	—	—	—
2216	-3	—	-5	-8	-10	2	—	—	—	—
	7	5	3	—	-7	-2	—	—	—	—
	2	1	7	6	2	—	—	—	—	—
	-10	-10	-7	-2	-3	—	—	—	—	—
	-4	-9	-5	-13	-1	—	—	—	—	—
2220	-7	-2	-6	1	4	—	—	—	—	—
	-7	1	-3	-4	-3	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	(-17)	(-2)	(-18)	(-6)	(2)	(-6)	—	—	—	—
2224	—	—	—	-3	—	—	—	—	—	—
	—	—	5	—	—	—	—	—	—	—
	—	—	—	-3	-2	—	—	—	—	—
	—	—	—	4	5	—	—	—	—	—
	—	—	(4)	(2)	(6)	—	—	—	—	—
2228	6	-2	1	4	-1	—	—	—	—	—
	2	-1	-6	1	3	—	—	—	—	—
	1	2	-1	6	3	—	—	—	—	—
	2	-6	3	8	-10	—	—	—	—	—
	11	-7	-3	4	-5	—	—	—	—	—
2232	-8	-10	8	-2	-4	—	—	—	—	—
	6	2	2	-3	-5	—	—	—	—	—
	-3	-2	0	-1	2	—	—	—	—	—
	-2	-4	-2	-4	-6	—	—	—	—	—
	-7	-16	8	-10	-12	—	—	—	—	—

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
2236		-2		-2	4			-3	1	
	2			-6	2		2	3		-2
	1			-3	2			-5	2	
		-1		-2		-1	8		6	
	0			-13	7		2		7	
2240	0			-5		-1	5		2	
		-4		-1		-6		-5	4	
		-4	3		4		8			-3
		-4		-6	5			-11	2	
		-12		-9	2			-3	5	
2244	1		2			-1	1		1	
		-6		-5	3		15			-5
		-1	5		1			-9		-8
		-2	10		1			-11	3	
		-8	12		4			-4		-9
2248		-1		-8	1		5			-9
	1			-5		-10	0			-4
	6			-5	4			-1	7	
		-10	0			-5		-4	3	
		-4		-18		-10	0			-3
2252		-6	0		4			-1		-6
	4		4			-4		-3		-16
		-4		-4	7		11			-12
		-11		-4		-4	1			-4
		-17		-4	3		8			-38
2256		-8		-7	6			-3		-6
	8			-4	1			-5	1	
	4			-2		-5		-4	5	
	0		7		0		1		9	
	4			-6	2			-11	9	
2300		-3		-4	3			-2		-10
	8		3			-6		-3	3	
	3			-1	3		2		1	
	0			-2	2		5		1	
	8			-4	2		2			-5

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
2304	1		11		4		-2		-1	
	3		4		2		1		-6	
	-3		8		5		6		-1	
	0			10	1		8		1	
	2		13		8		13		-7	
2308		-9	3		3		3		6	7
	8		-5		-6		3		3	
		-1	-5		7		4		4	
	21		21		-3		8		9	
	0		-9		1		18		22	
2312	5		-3		-6		2		5	
	4		6		5		-1		21	
	8		-		-		-		-	
	-		-		-		-		-	
	(23)		(6)		(-2)		(2)		(14)	
2316	7		10		6		-1		4	
	-7		2		1		1		-2	
	-6		-4		2		3		-4	
	-7		3		6		-1		5	
	-13		11		15		21		3	
2320	-2		-9		5		6		7	
	-2		-6		-4		12		4	
	7		1		-2		1		1	
	4		0		-3		-2		4	
	4		16		-4		17		16	
2324	4		7		10		-1		-6	
	-1		-1		-7		3		-4	
	-6		7		-3		-8		-5	
	3		-4		16		-4		6	
	0		9		16		-10		-9	
2328	6		10		4		-3		4	
	2		-2		-3		8		-1	
	1		-3		2		-5		0	
	1		2		-1		-1		-6	
	10		7		21		-1		21	

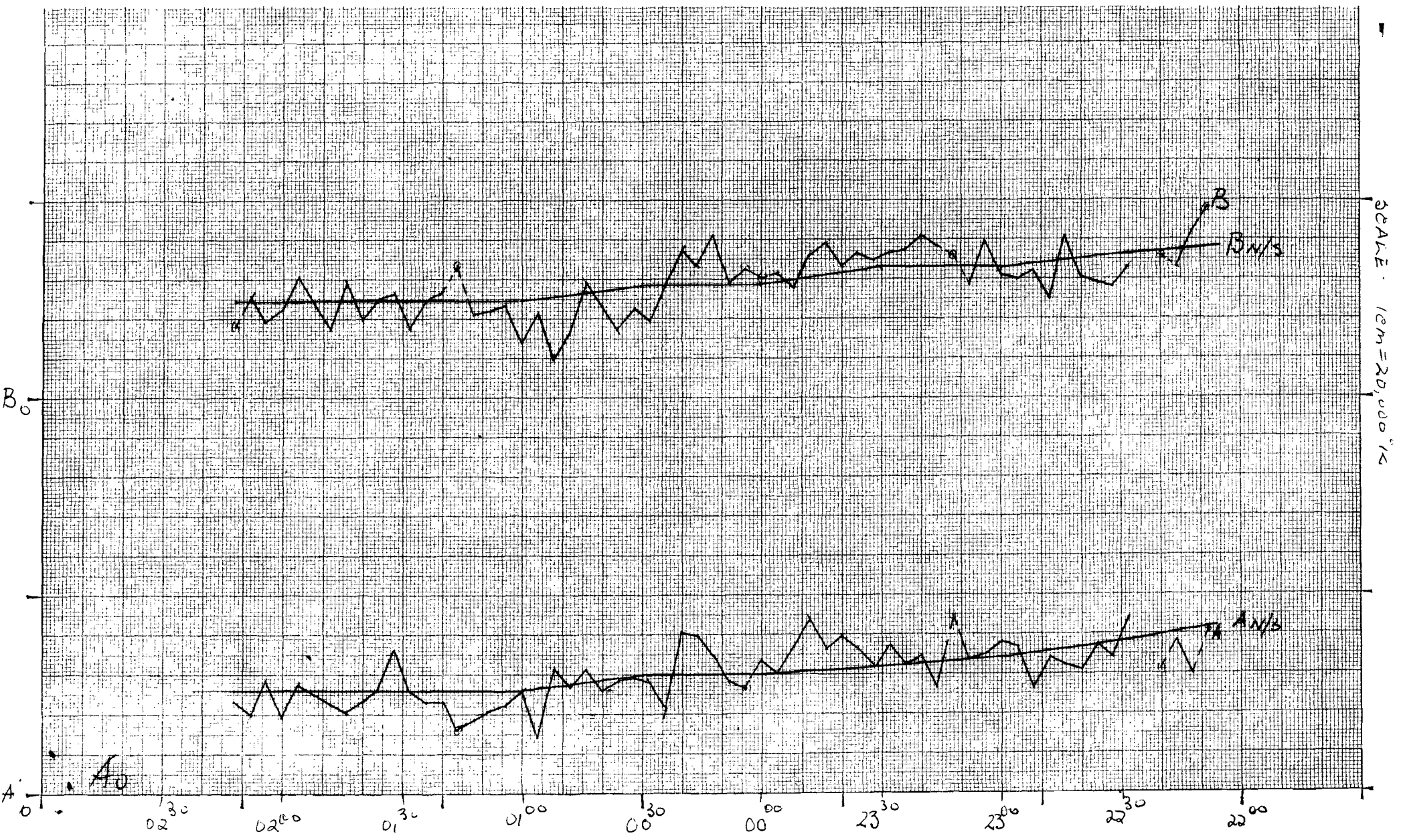
TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
2332	9		1		5		1			-1
		-11		-4		-5	4		6	
	0		10			-4	5		12	
	2			-3		-2		-2	3	
	0		4			-6	8		20	
2336	2		7			-1	6			-8
	0		5			-1	6		8	
	9			-9		-4	2			-3
		-1	6		1		0		3	
	10		9			-5	14		0	
2340	0		1		4		8		6	
	8		6		6		2			-14
	6			-3	7		3		6	
	3			-1	14		4		16	
	17		3		31		17		14	
2344	3		1		3		9		5	
	4		8			-7	3			-2
	2			-6	8		0		2	
	2		13		3		0		7	
	11		16		10		12		12	
2348	6			-1	8		4			-4
	2		2		2		4		1	
	5		8			-3	6		5	
	13		21		8		3		0	
	26		11		15		17		21	
2352		-2		-2		-2	10		3	
	8		2			-4		3		-6
	8		2		4		2		9	
		-1		-6		-1		-4		-4
	13			-4		-3	5		2	
2356	2		5			-5		-4		-6
		-7		-3		-5	12		21	
	3		8		7			-8		-4
	2			-6	2		1			-4
	0		4			-1	1			-12

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
0000	6			-1		4	1			-1
		-1	7			-2	2			-7
	0			-4	4		4			-5
	(7)		(3)			(-3)	(9)			(-17)
0004							2			-4
	2		0			-4	-1			-2
		-3	1		5		0			-9
		-4	5		3		3			-1
		(-7)	(8)		(5)		(5)			-16
0008		-1		-3	9			-5		-7
		-3	3		0			-5	6	
		-4		-7		-4		-2		-2
	4		8		1			-9		-6
		-4	1		1			2		-6
0012	0		4			-8		-6		-7
	0		9		4		4		1	
	6		11		0		6			-4
	3		1		3		2			-4
	9		25			-1	6			-14
0016	8		2			-1		-7		7
		-2	7		3		2			2
	15		2			-2	2			-3
		-2		-1	3		5			3
	19		10		3		2			9
0020	9		1		2		0			1
	4		10			-4	1			-1
		-1		-1	2		5			0
	9		8		14			-4		5
	21		18		4		2			5
0024		-3	13		3			-6		-7
	0			-5		-4	6			-2
		-2		-5	5			-1		-3
		-5		-3	4		6		7	
		-17	0		8		5			-3

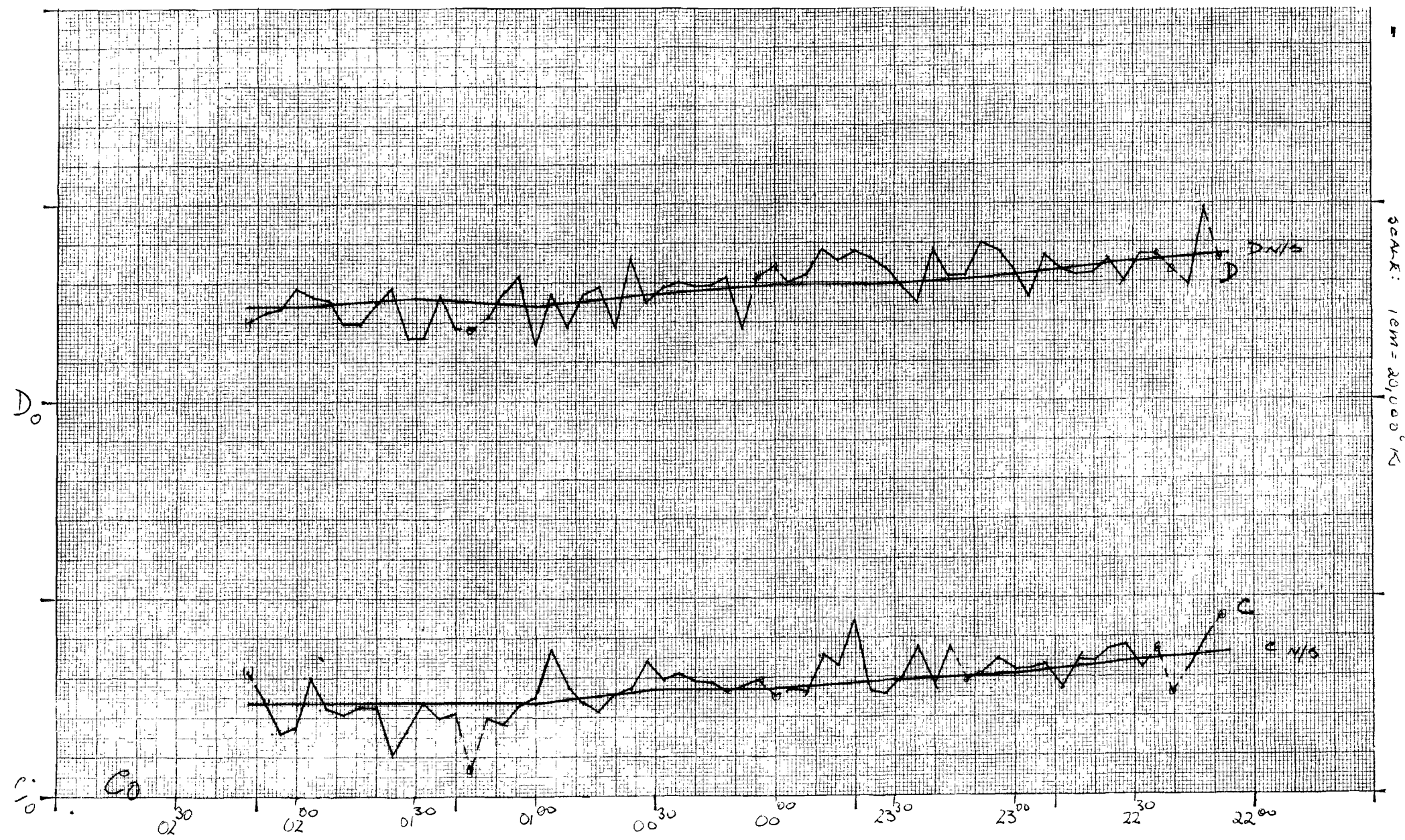
TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
0028		-4		-8	6			-2		-2
		-2		-7		-2	1			-19
	4			-1		7	7	-	0	
		-2		-2	8			3		-1
		-4		-18	5		3			-22
0032	9			8		2		2		-3
		-10		-4	0		4		0	
		-2		-7	9			7		-4
	2			-8	3			-3	+	
		-1		-11	14			-4		-3
0036		-5		-5	0		1		0	
	3			-6		-2	10			-7
		-4		-7	5			3		-4
	5			-2		-2	5		0	
		-1		-20	1		19			-11
0040	3	-8	5	-5	6	-9		-9		-1
	8	-3	5			-10		-3		-5
	0			-4		-6		-3		-10
		-8	10	-4	10		0			-7
		-5		-8	0			-15		-23
0044	2			-1		-7	4			-3
	1			-2	0		3			
	0		8		6		8			9
	3		0			-6		-7		2
	6		5			-7	6			15
0048		-3		2		1		5		5
		-3		-10		-7		-2		-9
	3			-5	4		3			-11
	2			-6		-1		-2	3	
		-1		-19		-3	4			-12
0052	2			-10		-2		-3		-3
	10		4		7			-7		-3
		-3		-14	0			-1		-3
	0			-12	1			-2		-7
	9			-32	6			-13		-16

TIME	+ A -	+ B -	+ C -	+ D -	+ E -
0056	-6	-3	9	-1	-6
	-12	-6	-1	2	0
	-4	-1	6	0	2
	-2	3	6	4	-10
	-24	-7	26	5	-14
0100	0	-7	1	-8	-5
	0	-8	2	-3	-4
	6	2	1	-3	-4
	6	-8	-1	-5	2
	0	-21	3	-19	-11
0104	-2	4	-2	6	-7
	-2	-1	6	7	3
	-3	-1	-1	2	0
	-1	-4	-4	-1	10
	-8	-2	-1	14	6
0108	-9	8	1	6	-3
	-5	-4	-7	-4	0
	5	-3	3	3	0
	-1	-6	-7	1	-9
	-10	-5	-10	6	-12
0112	-5	-4	-1	-4	8
	2	0	1	-3	-2
	-6	-12	-4	2	-1
	-6	9	-4	-2	-
	-15	-7	-8	-7	(7)
0116	-	-	-	-	-
	-4	4	-13	-6	-5
	-6	5	-4	-1	-4
	(-20)	(18)	(-34)	(-14)	(-18)
	-5	-2	-2	-2	-5
0120	9	9	-4	-2	-7
	5	1	1	0	0
	-5	-3	0	-10	-3
	-6	5	-5	-14	-1

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
0124		-4		-4		-3	5			-10
	0		2		2		2			-1
		-3	5		4		3		3	
	1			-3		-10		-6		-8
		-6	0			-7	1			-16
0128		-4		-6	4		2			-3
	2			-2	2			-5		-3
	2			-6	2			-8		-4
	0		0			-8		-6		-3
	0			-14	0			-20		-13
0132	12		0			-7		-9	4	
	4		4			3		-5		3
	2			-2		-3		-8		-14
	2		2			-7	2		1	
	20		4			-14		-20		-12
0136	0			-4		-5	0			-6
	2		4			-8	0			-9
	0			-4		-8	0			-2
		-1	5			-4	5		5	
	1		1			-25	5			-12
0140	0		3			-4	0		6	
		-4		-3	0		0			-5
		-6		-3	2		1			-4
	4			-7	0			-3	6	
		-6		-10		-2		-2	3	
0144	0		3		6			-9		-2
		-2		-4	4		0		11	
		-12	8			-7	3			-4
	3		3			-5		-3	1	
		-11	10			-2		-11	6	
0148	2			-4		-3	4		9	
		-4	2		2			-5	2	
		-9		-3	2			-5		-2
	4			-9		-7		-5		-4
		-7		-14		-6		-11	5	



SCALE: 1cm = 20,000 units



SCALE: 1cm = 20,000 K

D N/S

C N/S

D₀

10

00

02³⁰

02⁰⁰

01³⁰

01⁰⁰

00³⁰

00⁰⁰

23³⁰

23⁰⁰

22³⁰

22⁰⁰

SCALE: 1cm = 20,000°K

