



FLORIDA

GEOPHYSICAL LOGGING, INC.

HIGH
RESOLUTION
TEMPERATURE
LOG

COMPANY COLLIER COUNTY RECEIVED

WELL NCRMTP IM-2 JAN 12 1998

FIELD NORTH NAPLES D.E.P. South District

COUNTY COLLIER STATE FLORIDA

LOCATION
NORTH COLLIER REGIONAL
WASTEWATER TREATMENT PLANT

OTHER SERVICES:
RTS
DHTV

FILE NO. _____

SEC. _____ TWP _____ RGE _____

PERMANENT DATUM PAD ELEV. _____

LOG MEASURED FROM PAD FT. ABOVE PERMANENT DATUM

DRILLING MEASURED FROM PAD

ELEV.: K.B. N/A
D.F. N/A
G.L. N/A

DATE 9-DECEMBER-1997

RUN NO. MIT

TYPE LOG HRT

DEPTH-DRILLER 3200'

DEPTH-LOGGER 2968'

LOGGED INTERVAL SURFACE TO 2968'

OPERATING RIG TIME 2 HRS.

TYPE FLUID IN HOLE WATER

SALINITY, PPM CL N/A

DENSITY-VISCOSITY N/A

LEVEL FULL

MAX. REC. TEMP. DEG F. 80 DEG. F

EQUIPMENT-LOCATION 102-FTM

RECORDED BY MCHUGH

WITNESSED BY STRAUSS

RECORDED BY MILLER

BOREHOLE RECORD		CASING RECORD					
RUN NO.	BIT	FROM	TO	SIZE	MGT.	FROM	TO
				38"		SURF	430'
				30"		SURF	1310'
				20"		SURF	2498'
				16"		SURF	2460'

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFULL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES, OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS SET OUT IN OUR CURRENT PRICE SCHEDULE.

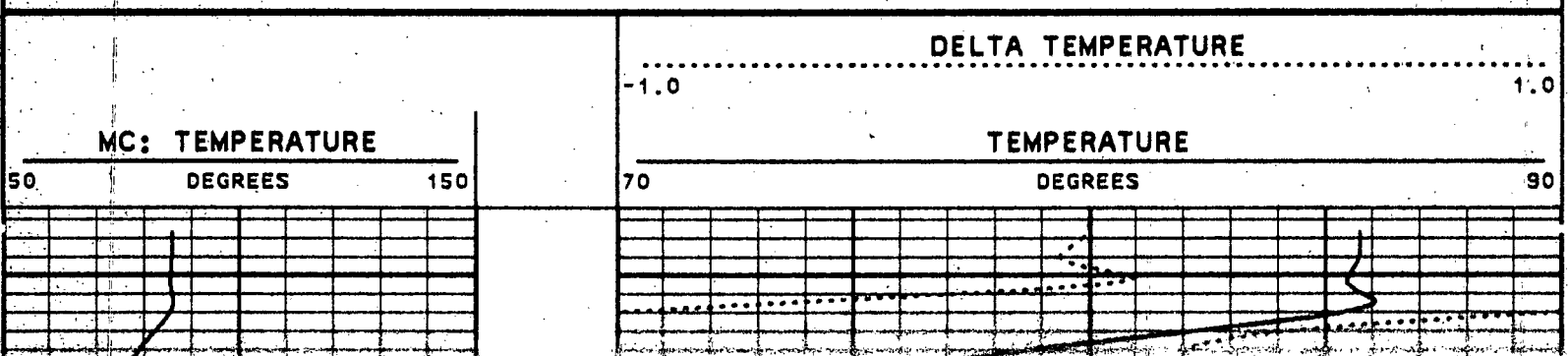
REMARKS

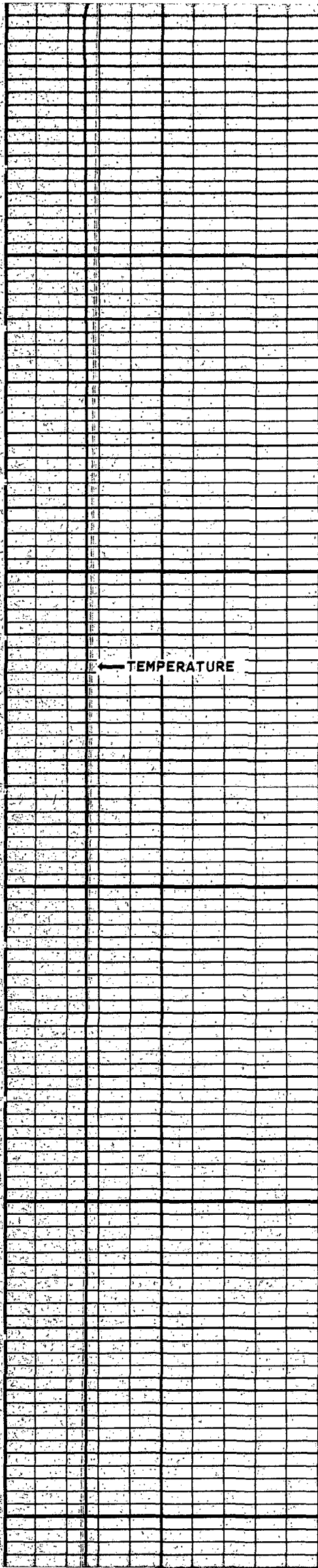
DATA GATHERED LOGGING DOWN

VERSION: 2.42

NC2TEMP1

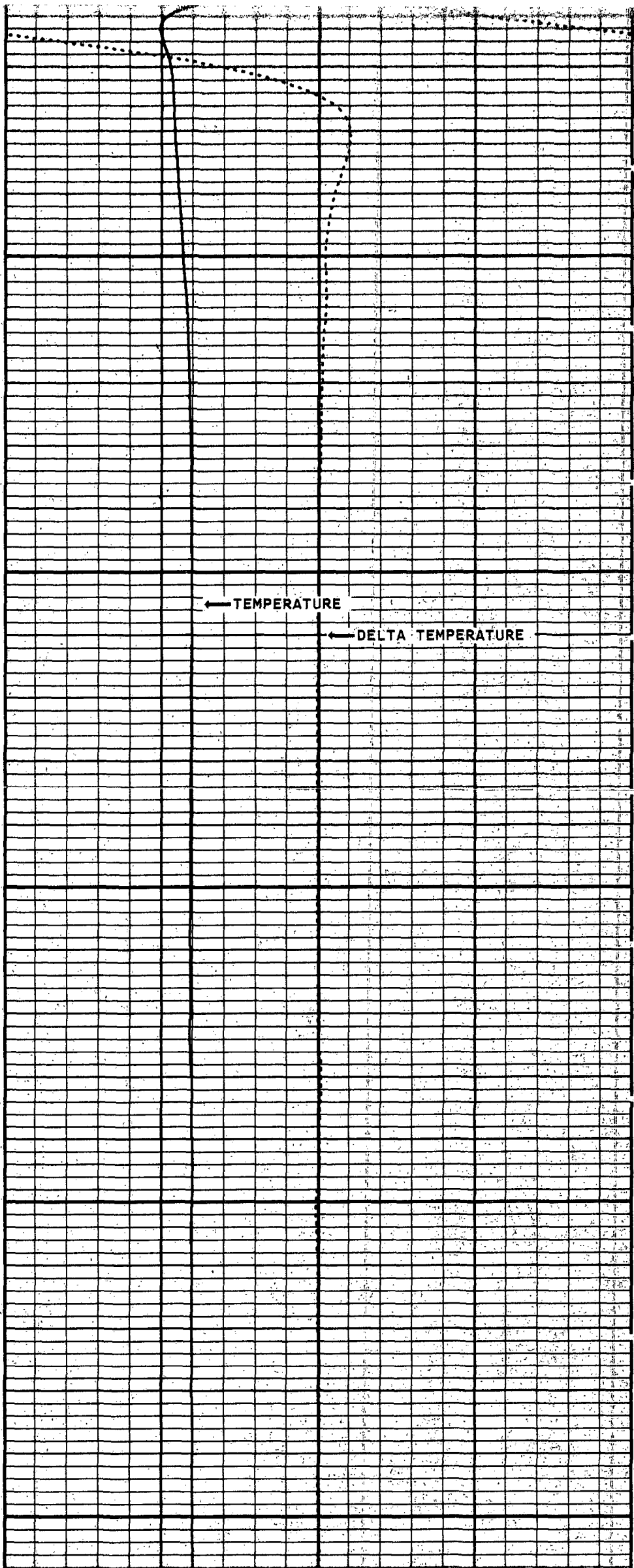
FINISH DEPTH: 3058.5 FEET DIRECTION: DOWN DATE: 12/09/97 TIME: 15:58:09 MODE: TRACE PLAYBACK





100

200



A vertical grid of graph paper on the left side of the page, consisting of 20 columns and 100 rows. The grid is divided into four horizontal sections by three thick lines. The first section is the top 25 rows, the second is the next 25 rows, the third is the next 25 rows, and the fourth is the bottom 25 rows.

300

400

500

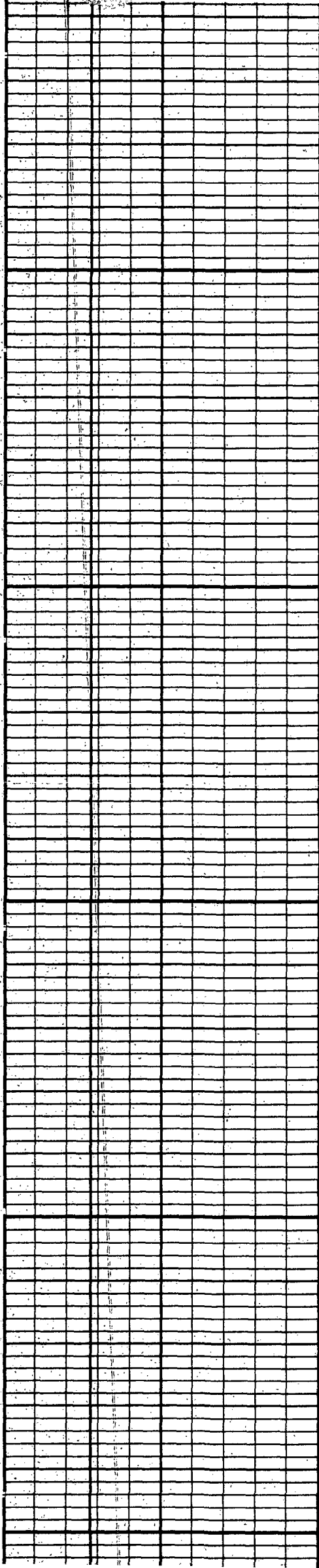
A vertical grid of graph paper on the right side of the page, consisting of 20 columns and 100 rows. The grid is divided into four horizontal sections by three thick lines, corresponding to the labels 300, 400, and 500. The first section is the top 25 rows, the second is the next 25 rows, the third is the next 25 rows, and the fourth is the bottom 25 rows.

A large grid of graph paper with a vertical margin line on the left side. The grid is composed of small squares and is divided into several horizontal sections by thicker lines.

600

A large grid of graph paper with a vertical margin line on the left side. The grid is composed of small squares and is divided into several horizontal sections by thicker lines.

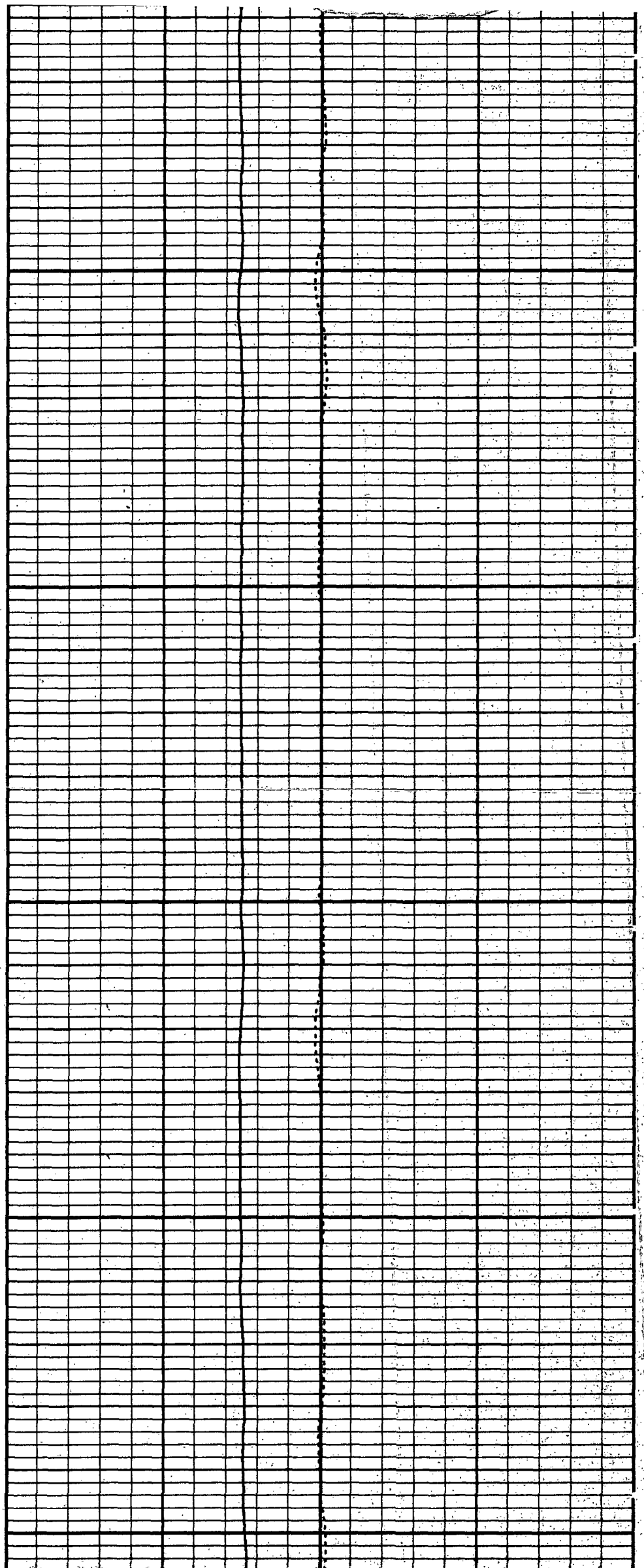
700



800

900

1000



A vertical grid of graph paper on the left side of the page, consisting of 10 columns and approximately 100 rows. The grid is divided into four horizontal sections by thick lines. The sections are labeled on the right side of the page as 1300, 1400, and 1500.

1300

1400

1500

A vertical grid of graph paper on the right side of the page, consisting of 10 columns and approximately 100 rows. The grid is divided into four horizontal sections by thick lines, corresponding to the labels 1300, 1400, and 1500 on the left side.

A large grid of graph paper with a vertical margin line on the left and horizontal section lines. The grid is composed of small squares, with a vertical line on the left side and horizontal lines that divide the page into sections.

1800

1900

2000

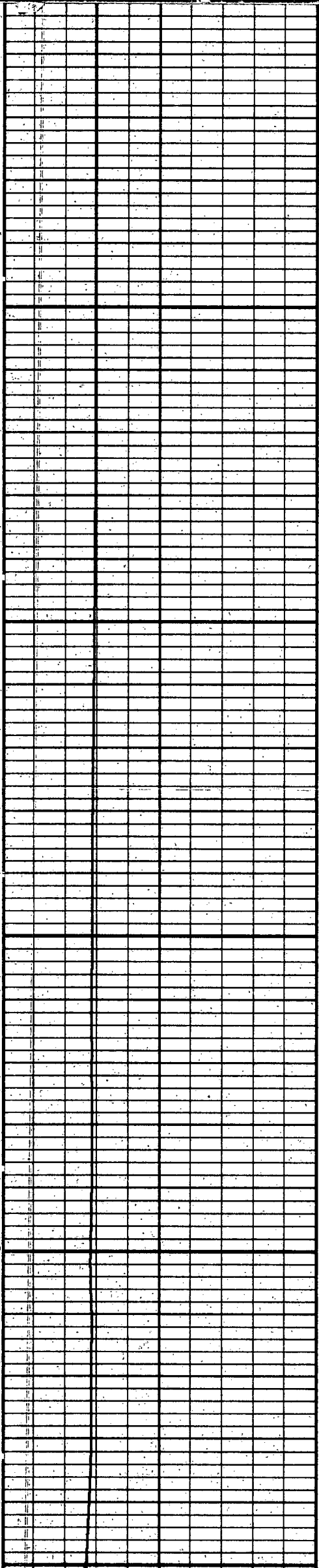
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2100

A large grid of graph paper with a vertical margin line on the left and horizontal section lines. The grid is composed of small squares, with a vertical line on the left side and horizontal lines dividing the page into sections.

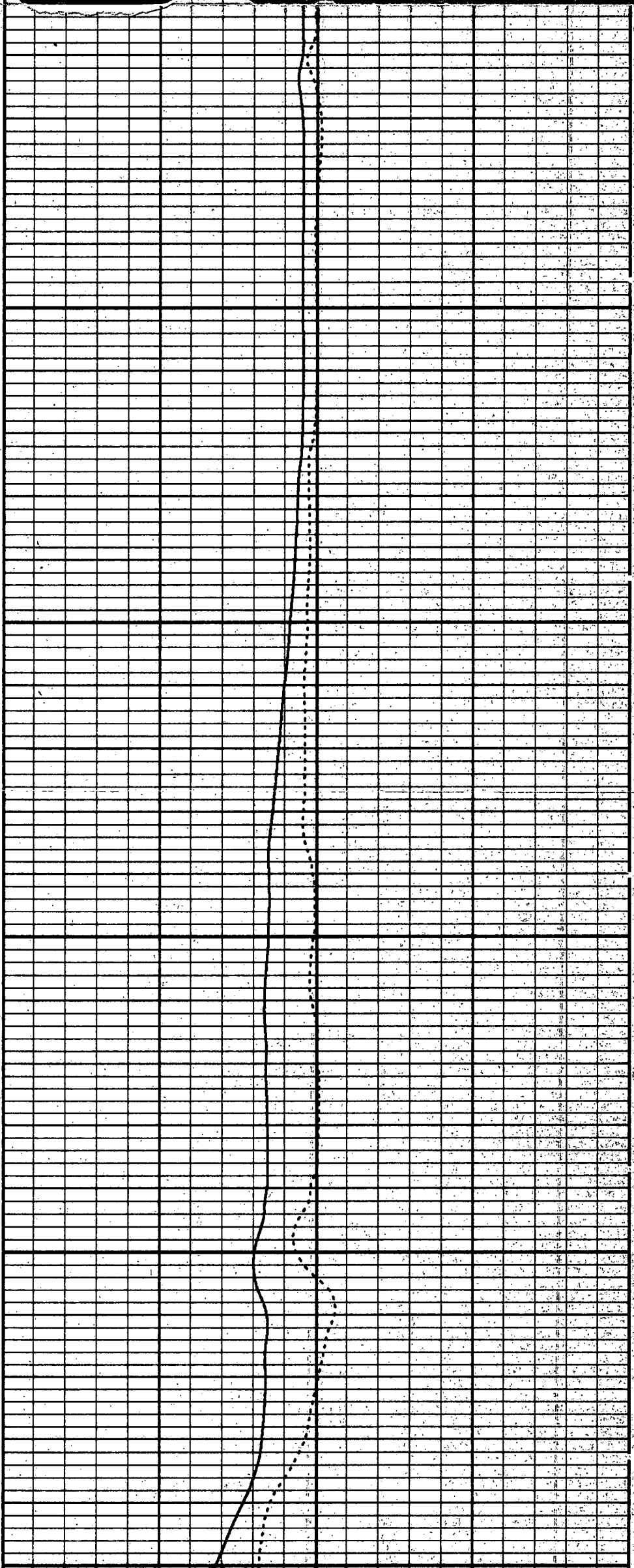
2200

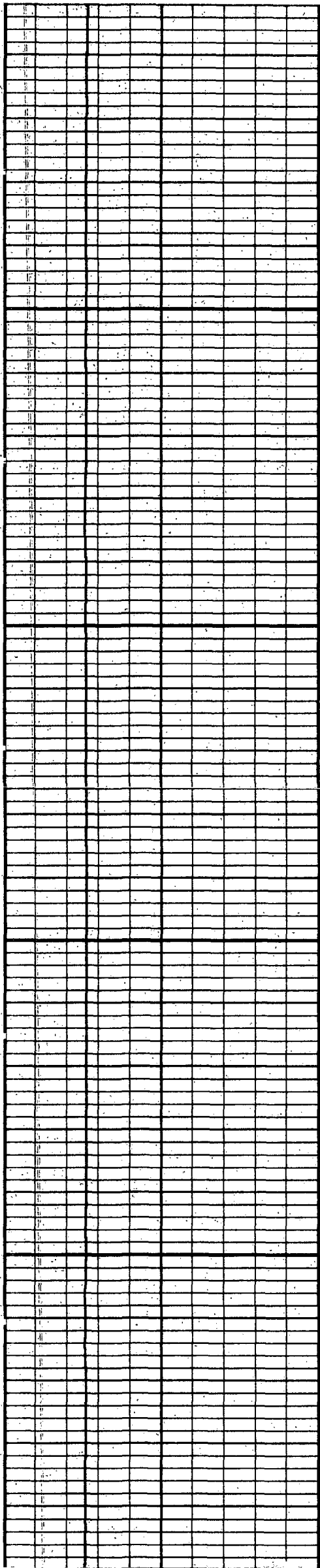


2300

2400

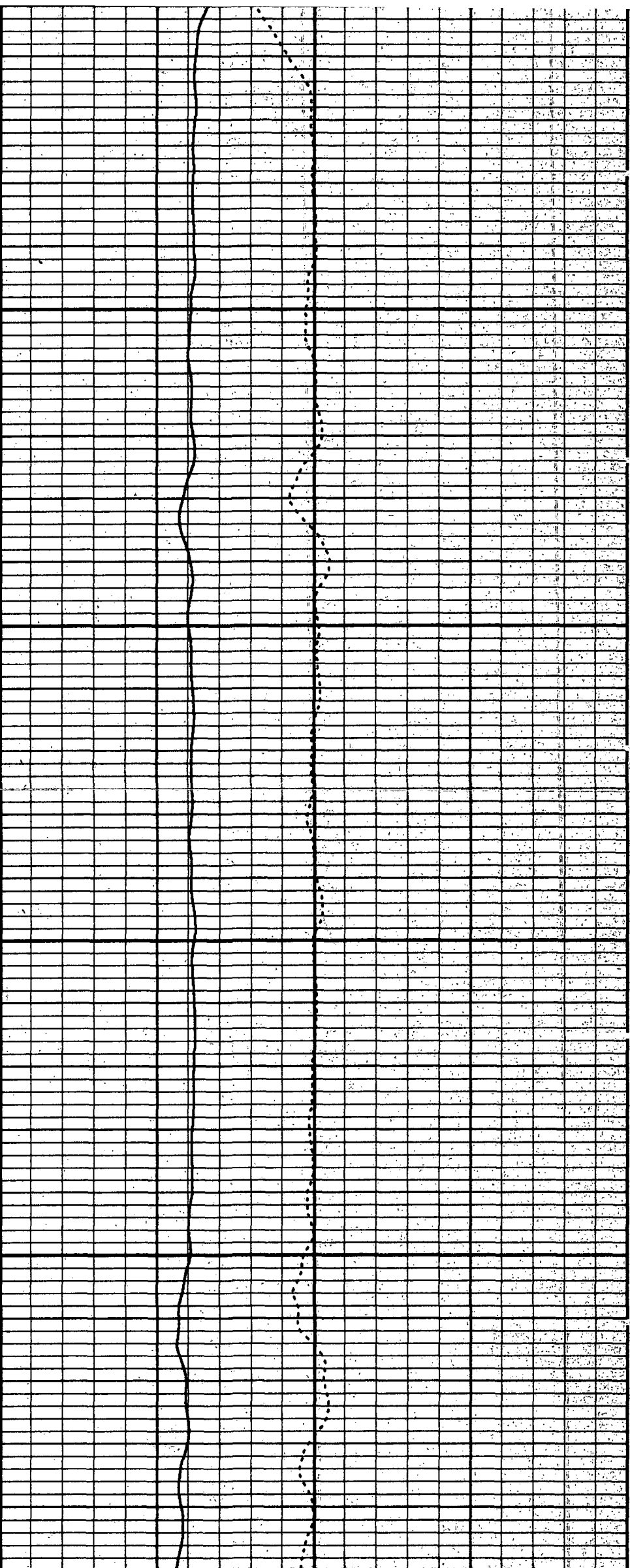
2500

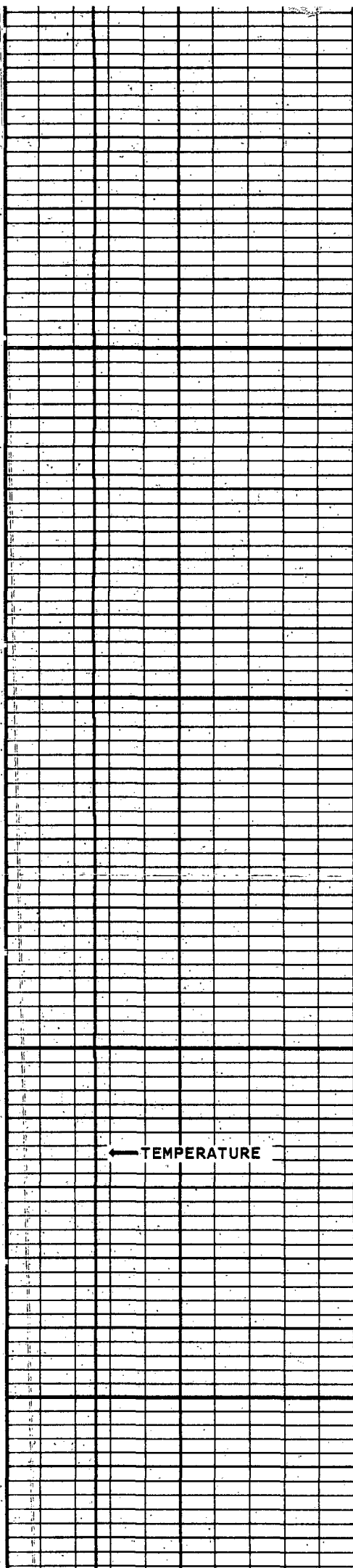




2600

2700





2800

2900

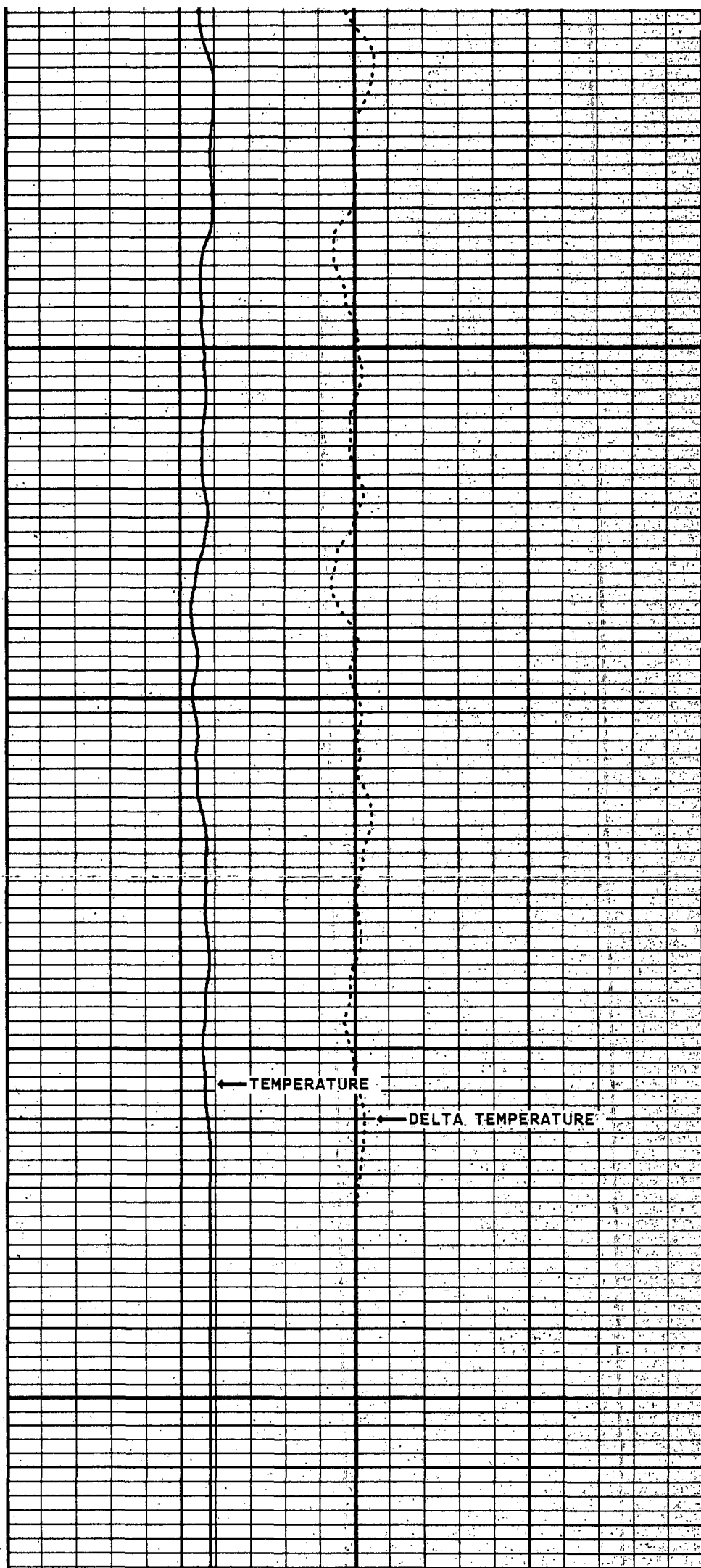
← TEMPERATURE

MC: TEMPERATURE

50

DEGREES

150



← TEMPERATURE

← DELTA TEMPERATURE

TEMPERATURE

70

DEGREES

90

DELTA TEMPERATURE

-1.0

1.0

NC2TEMP1

VERSION: 2.42

MASTER CALIBRATION SUMMARY

FILE:

DATE: 12/09/97

TIME: 16:04

VERSION: 2.42

TEMPERATURE

DATE: 12/01/97

TIME: 13:05

	MEASURED	UNITS	STANDARD	MINIMUM	MAXIMUM	DEVIATION	UNITS
ZERO	319.2	CPS	40.0	39.9	40.2	0.04	DEGF
PLUS	673.8	CPS	115.0	114.8	115.2	0.11	DEGF

COMPANY

COLLIER COUNTY

MISSIMER INTERNATIONAL

WELL

NCRWTP IW-2

FIELD

NORTH NAPLES

STATE

FLORIDA

