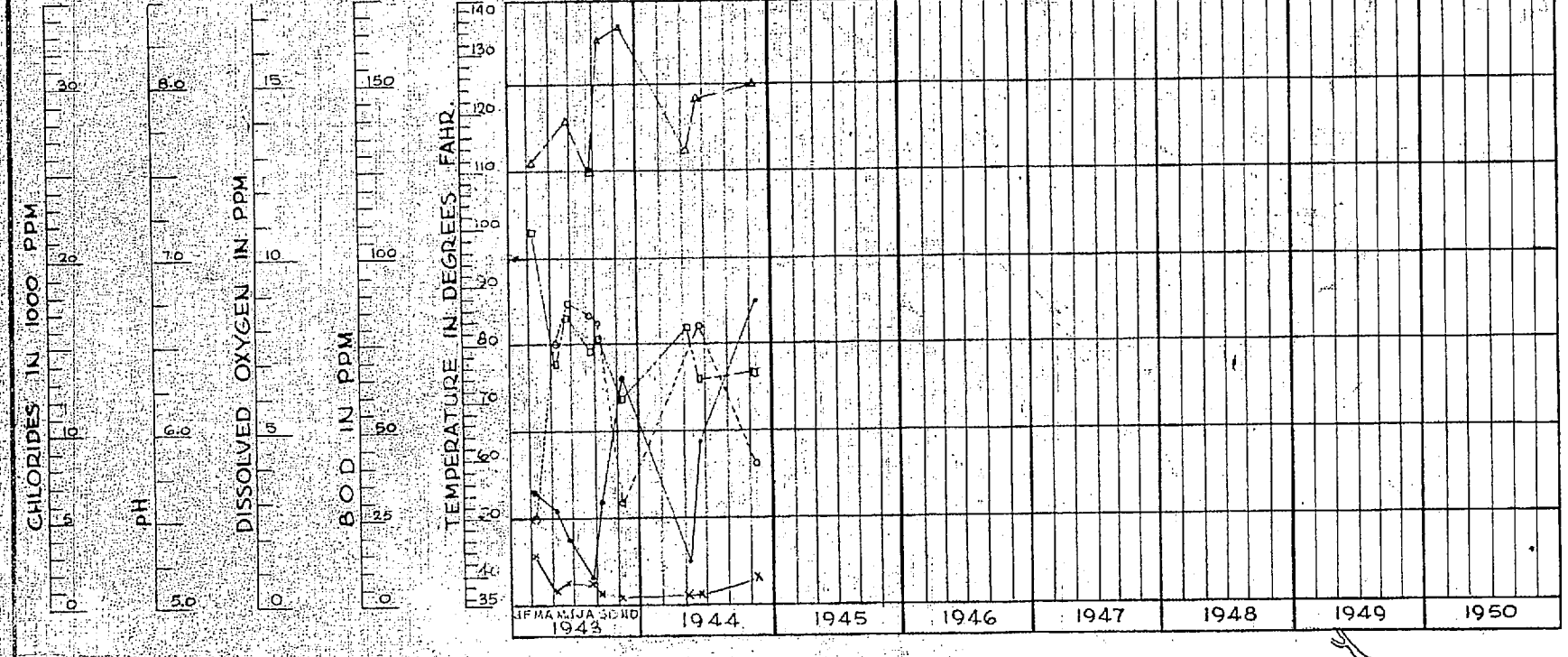


U.S. GEOLOGICAL SURVEY GAUGING STATION
NEW RIVER NEAR "RICHLANDS"

U.S. GEOLOGICAL SURVEY GAUGING STATION
"NORTHEAST CREEK NEAR KELLUM"

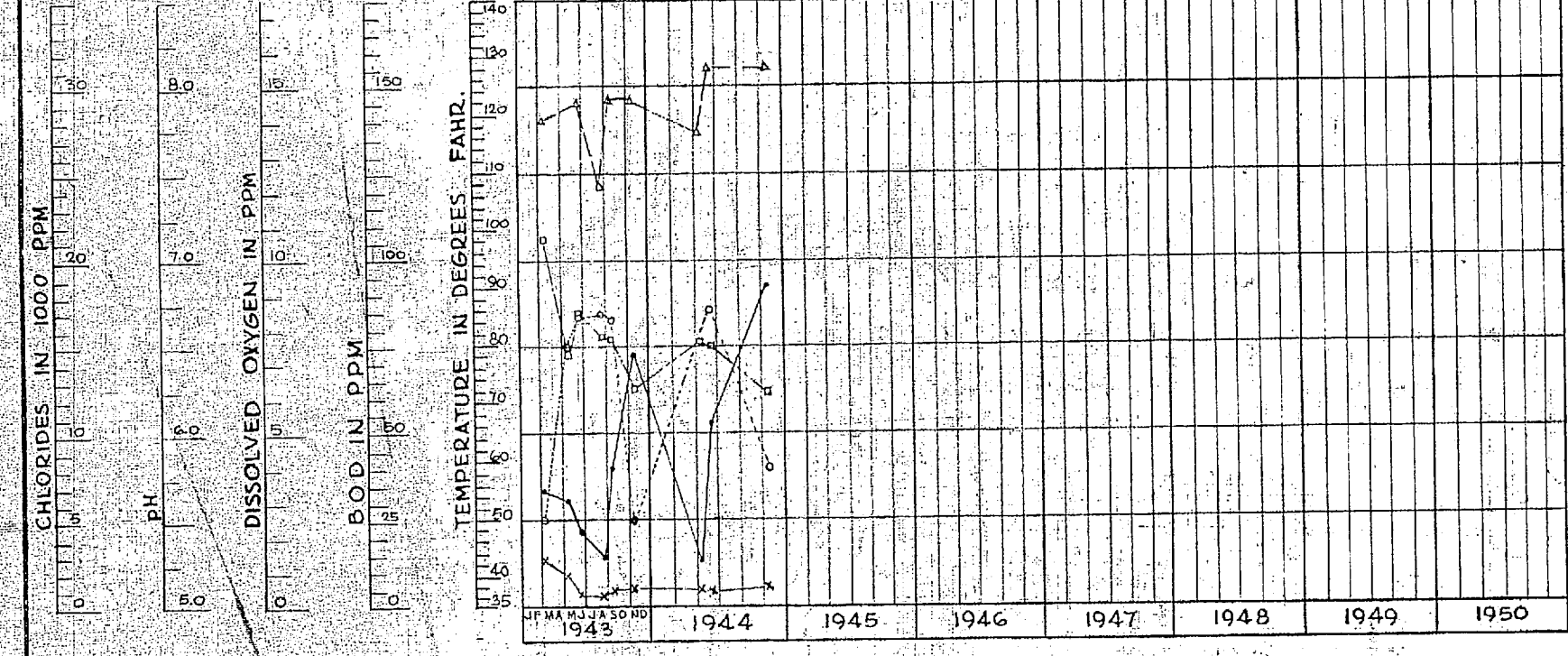
PRECIPITATION AND PREVAILING WINDS

AVERAGE OF SAMPLES TAKEN AT STATIONS 5, 6, 7, 8 & 9

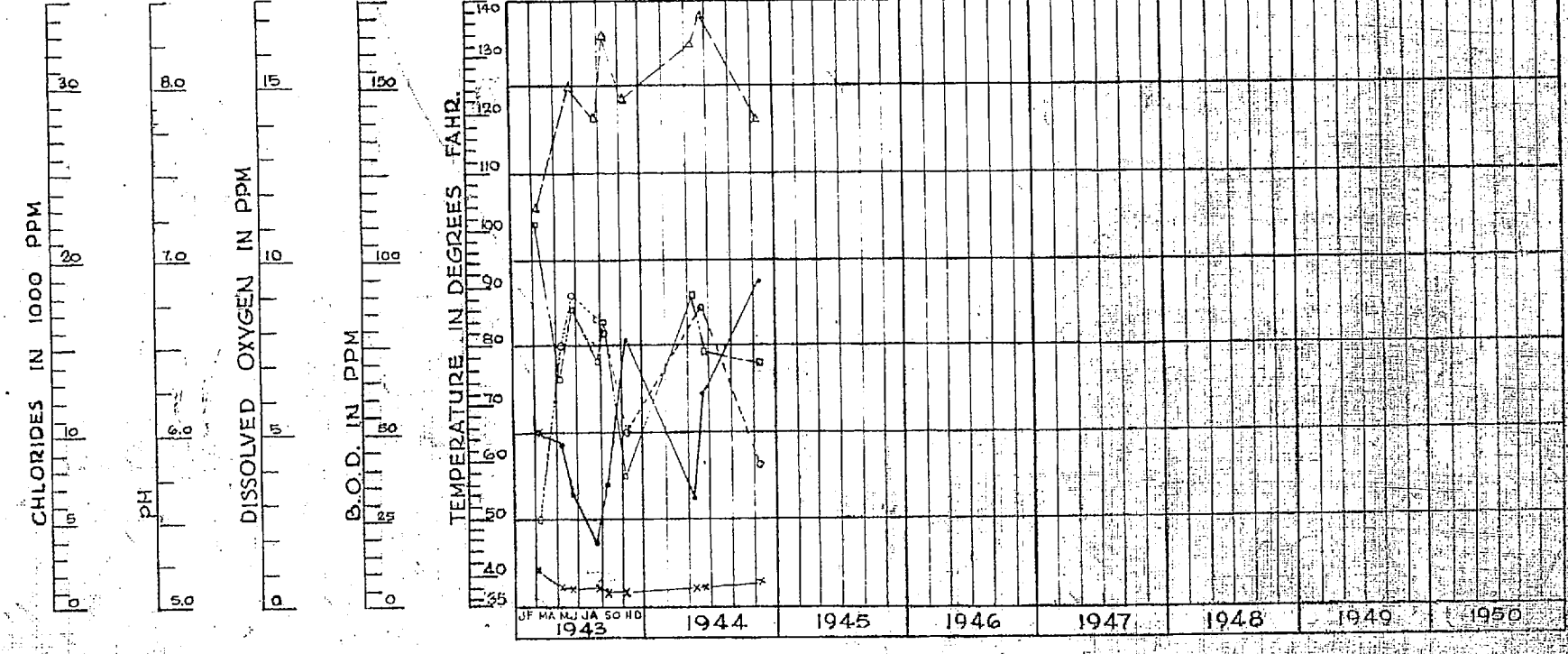


U.S. GEOLOGICAL SURVEY GAUGING STATION
SOUTHWEST CREEK AT MORTONS MILL

AVERAGE OF SAMPLES TAKEN AT STATIONS 10, 11 & 12



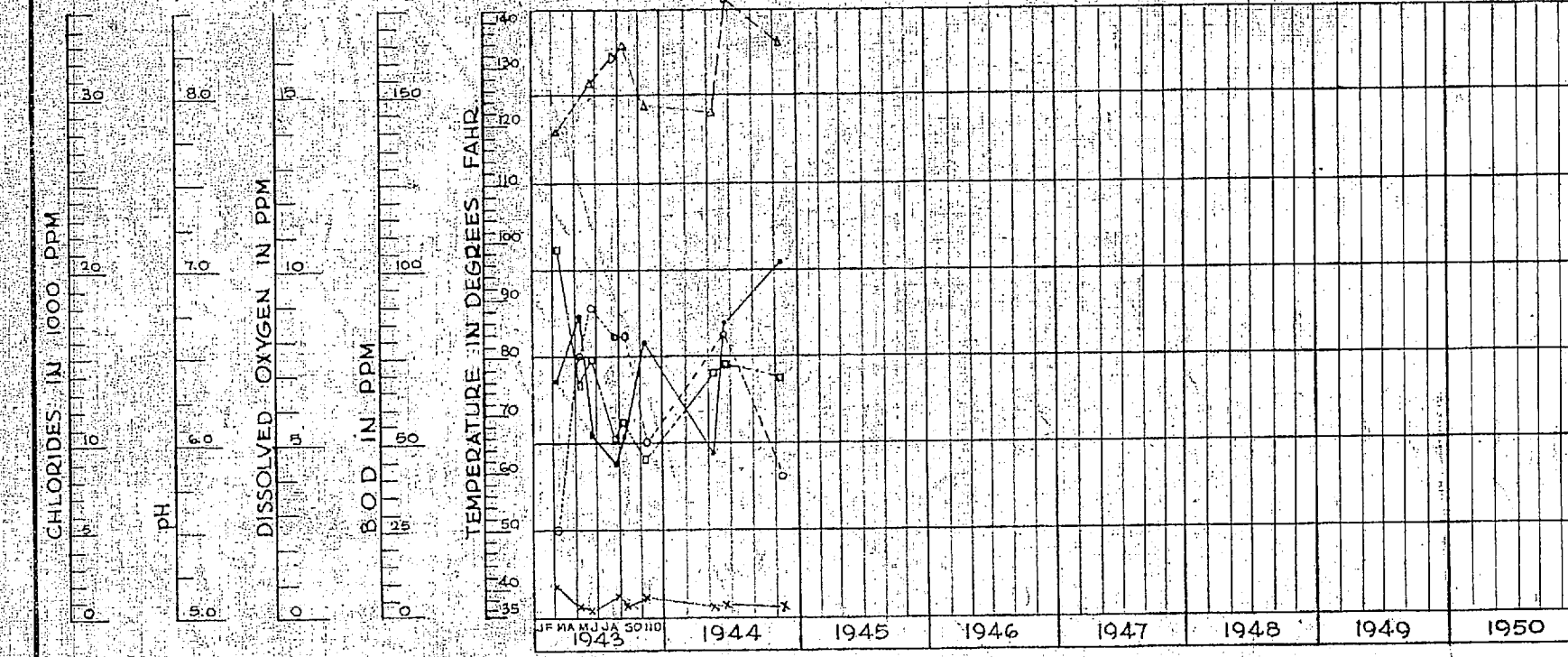
AVERAGE OF SAMPLES TAKEN AT STATIONS 13, 14 & 15



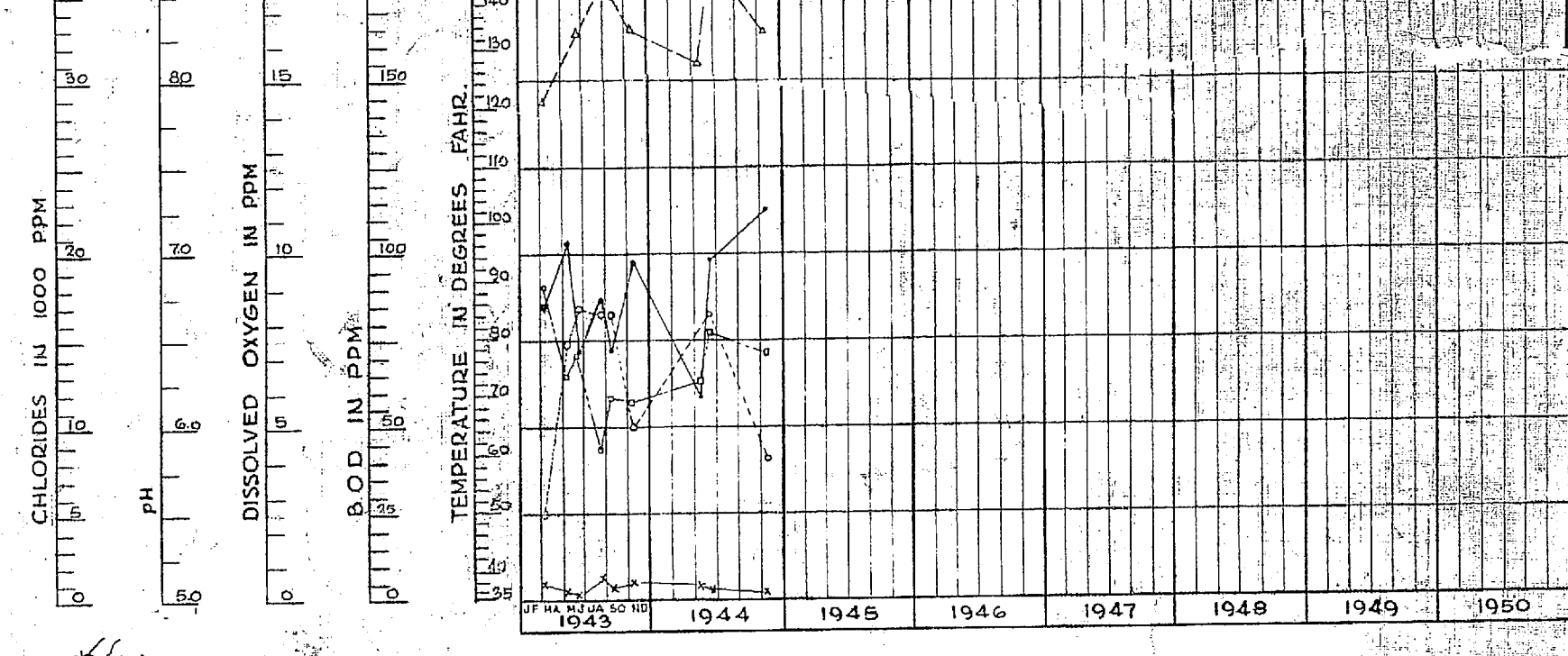
LIST OF OUTFALL SEWERS

DESIGNATION	AREA SERVED	SIZE
(A)	RICHLANDS N.C.	16"
(B)	TENT CAMPS #1 & 2	18"
(C)	JACKSONVILLE N.C.	8"
(D)	DETROIT POINT TENT CAMP	8"
(E)	GLIDER TRAINING BASE	8"
(F)	MONTFORD POINT CAMPS & CAMP KNOW	6" & 18"
(G)	F.S.A. TRAILER CAMP	4 - 6"
(H)	DIVISION TRAINING AREA	18"
(I)	RIFLE RANGE	8"
(J)	AMPHIBIAN BASE	6"
(K)	BADGASS BALLOON BASE	10"
(L)	TANK BATTALION TENT CAMP	8"
(M)	SIGNAL SCHOOL AREA	8"

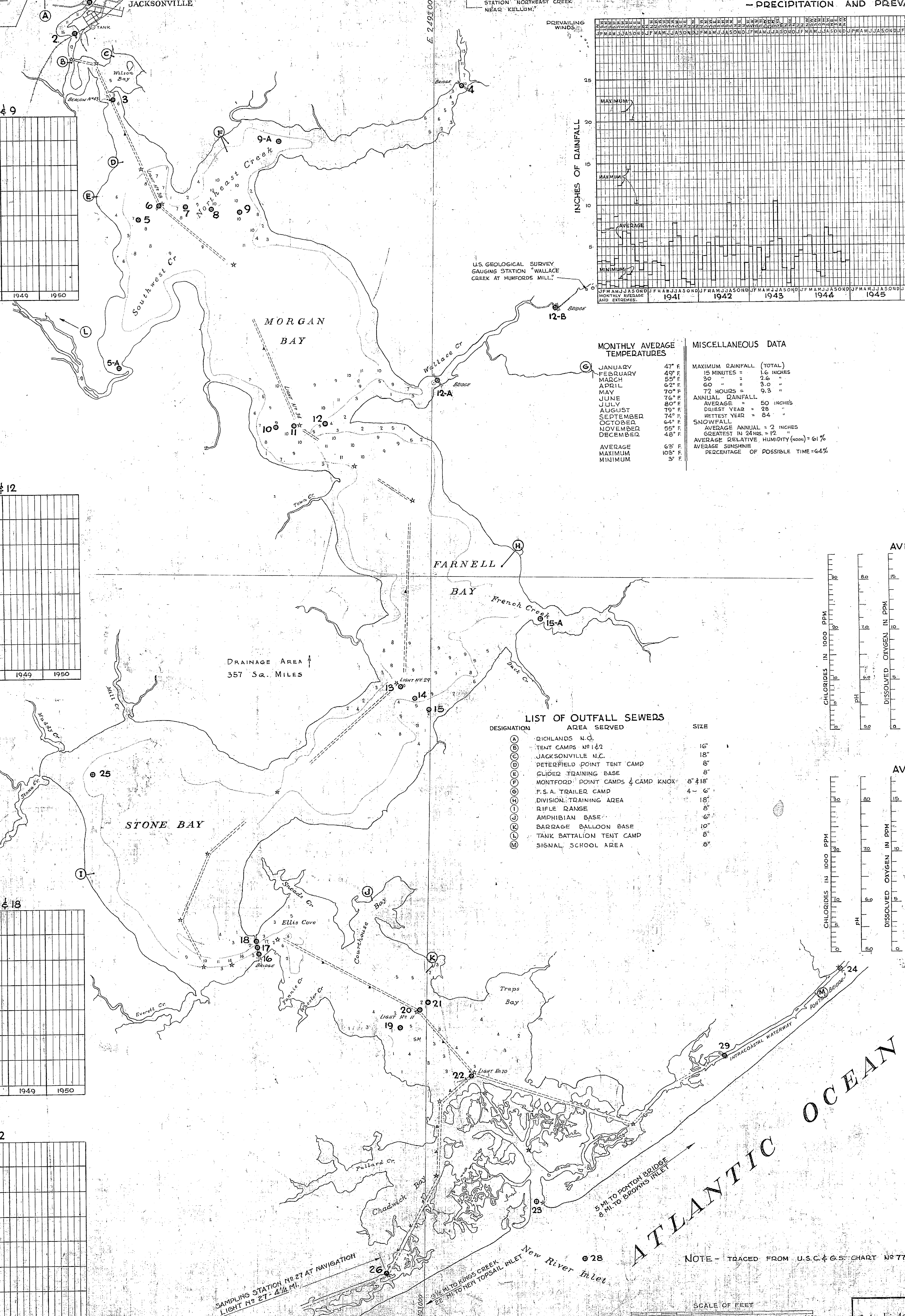
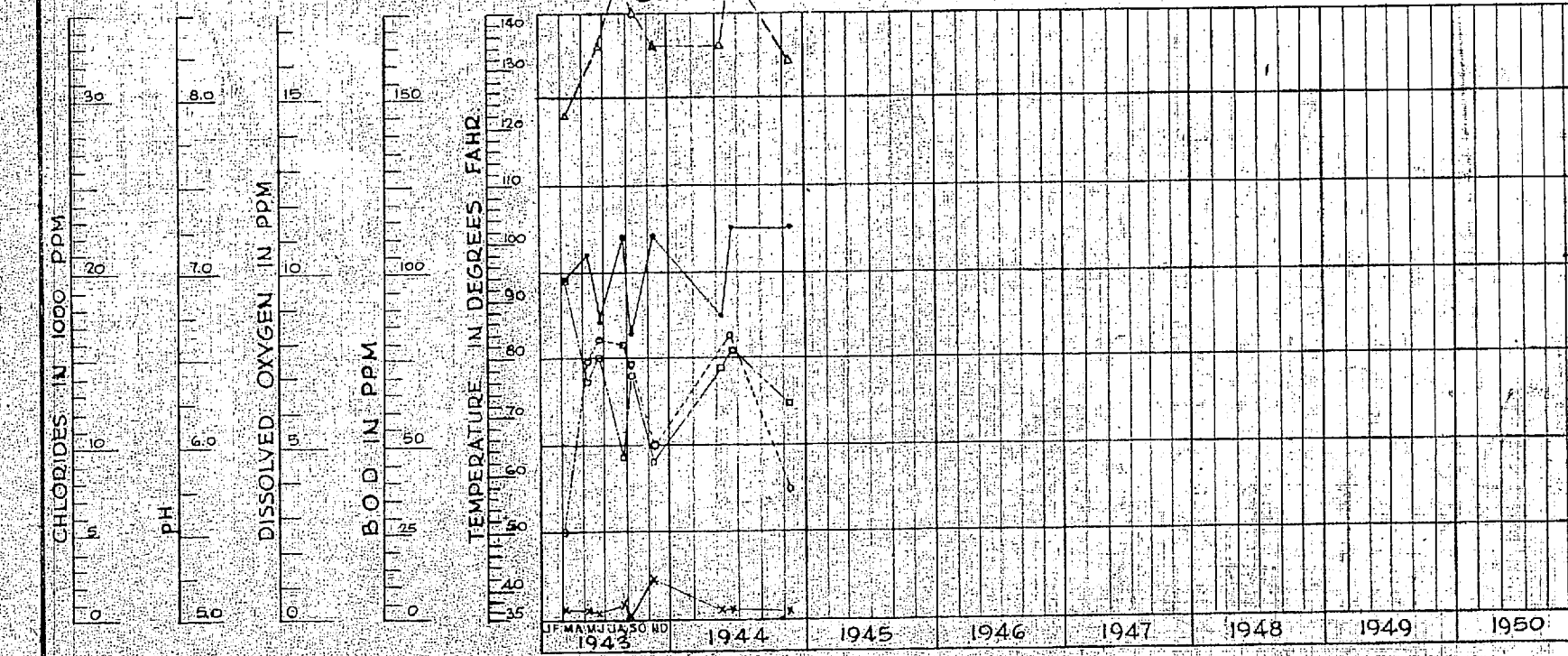
AVERAGE OF SAMPLES TAKEN AT STATIONS 16, 17 & 18



AVERAGE OF SAMPLES TAKEN AT STATIONS 19, 20 & 21



SAMPLES TAKEN AT STATION 22

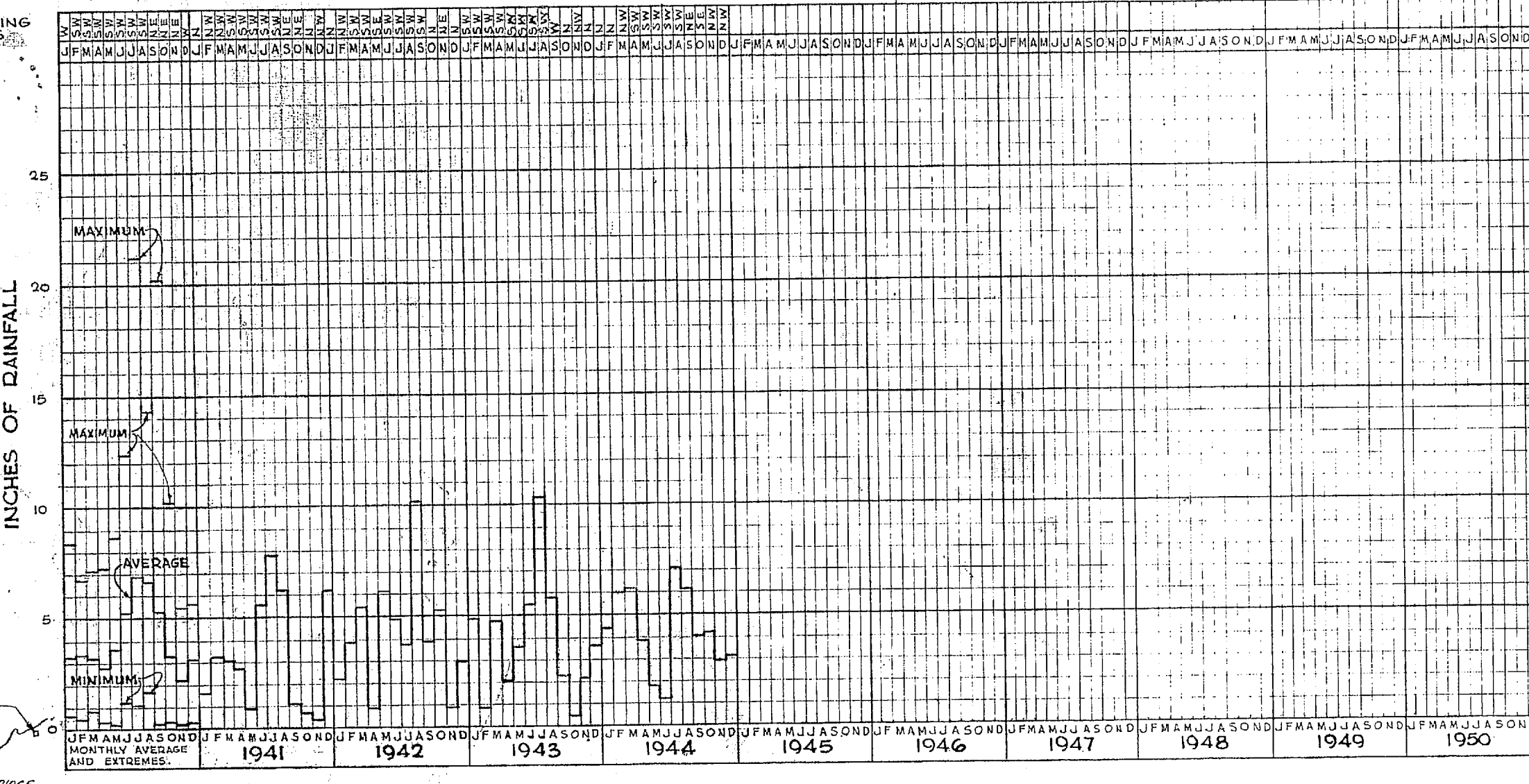


MONTHLY AVERAGE TEMPERATURES

JANUARY	47° F
FEBRUARY	49° F
MARCH	59° F
APRIL	67° F
MAY	70° F
JUNE	76° F
JULY	80° F
AUGUST	79° F
SEPTEMBER	74° F
OCTOBER	64° F
NOVEMBER	55° F
DECEMBER	48° F
AVERAGE	69° F
MAXIMUM	105° F
MINIMUM	3° F

MISCELLANEOUS DATA

MAXIMUM RAINFALL (TOTAL)	15 INCHES
AVERAGE	2.6 "
WETTEST YEAR	5.0 "
ANNUAL RAINFALL	77 HOURS = 9.3 "
AVERAGE	50 INCHES
WETTEST YEAR	28 "
WETTEST YEAR	84 "
SNOWFALL	0 INCHES
AVERAGE ANNUAL	2 INCHES
GREATEST IN 24 HRS.	12 "
AVERAGE RELATIVE HUMIDITY (100%)	61 %
AVERAGE SUNSHINE	PERCENTAGE OF POSSIBLE TIME = 64 %



LEGEND

CHLORIDES IN 1000 PPM
pH
DISSOLVED OXYGEN IN PPM
BOD IN PPM
TEMPERATURE IN DEGREES FAH.

Revision	Date	By	Brief
E	3-10-45		COMPLETED GRAPHS FOR 1944. ADDED SAMPLING STATIONS NO. 25 & 26 AND OUTLET (M)
D	9-22-43		ADDED SAMPLING STATION NO. 27 & DISTANCE FROM SAMPLING STATION NO. 26
C	9-3-43		ADDED SAMPLING STATION NO. 26 & DISTANCES NOTED AT NEW RIVER INLET
B	7-2-43		ADDED DESIGN & WIND GRAPHS, OUTFALL SEWERS & WEG. WEATHER DATA
A	5-29-43		ADDED GRAPHS AND SAMPLING STATIONS.

Drawn by
Traced by S. O. P.
Checked by W. R. G.
Chief Dfmn. J. F. W.
In Charge B. E. BEAVIN.

SAMPLING STATIONS
NEW RIVER, N.C.

Y. & D. Drawing No.
228429

P. W. Drawing No.
93

MARINE BARRACKS - NEW RIVER, N. C.

CARR & J. E. GREINER CO.
ARCHITECT-ENGINEERS
DURHAM, N. C. BALTIMORE, MD.

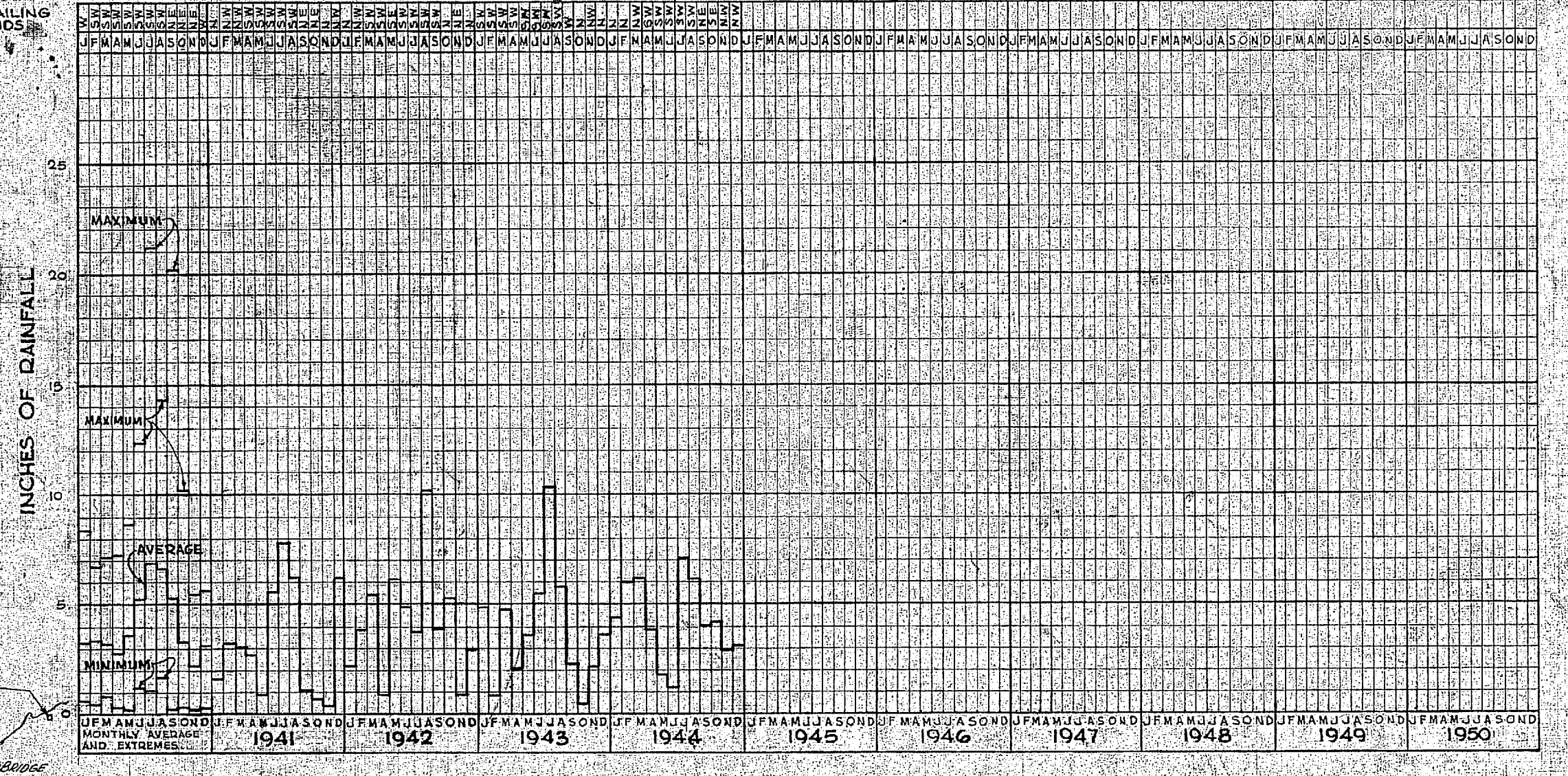
ATLANTIC OCEAN

NOTE - TRACED FROM U.S.C. & G.S. CHART NO. 777

SCALE OF FEET

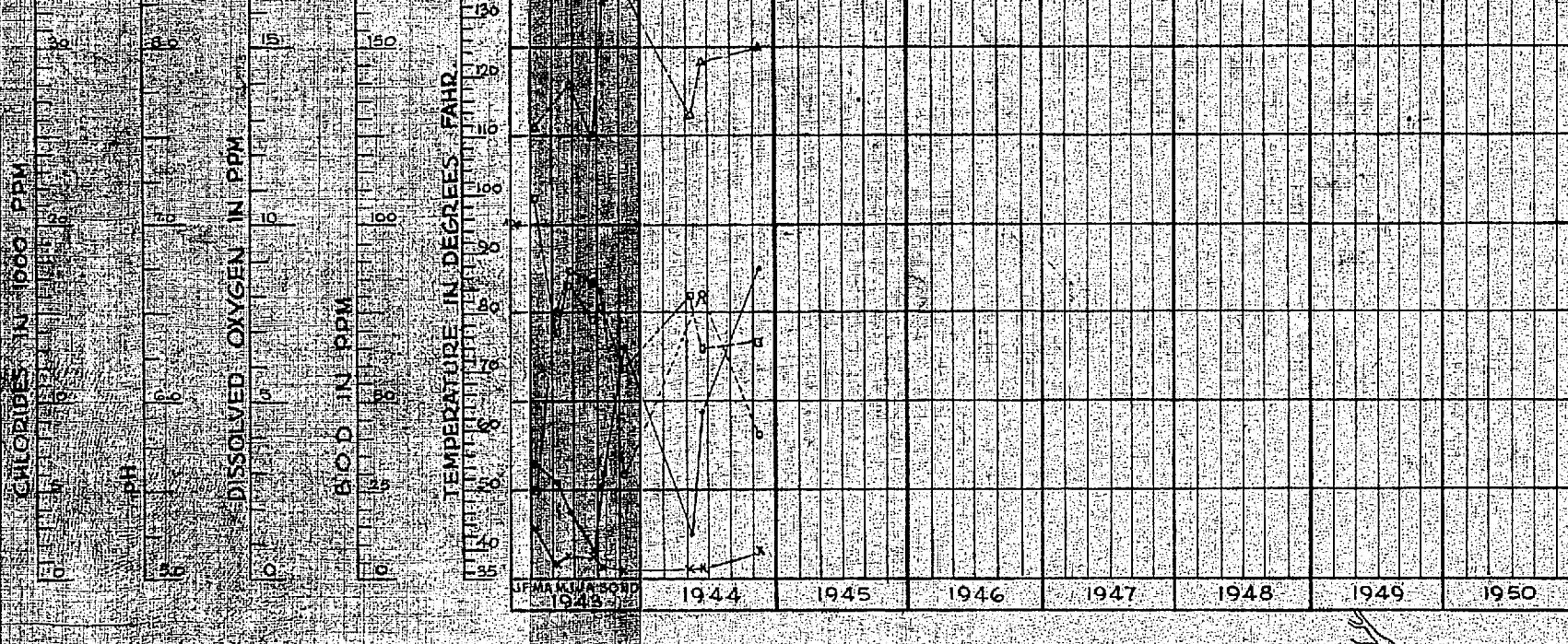
Scale: 1" = 4000'

-PRECIPITATION AND PREVAILING WINDS-

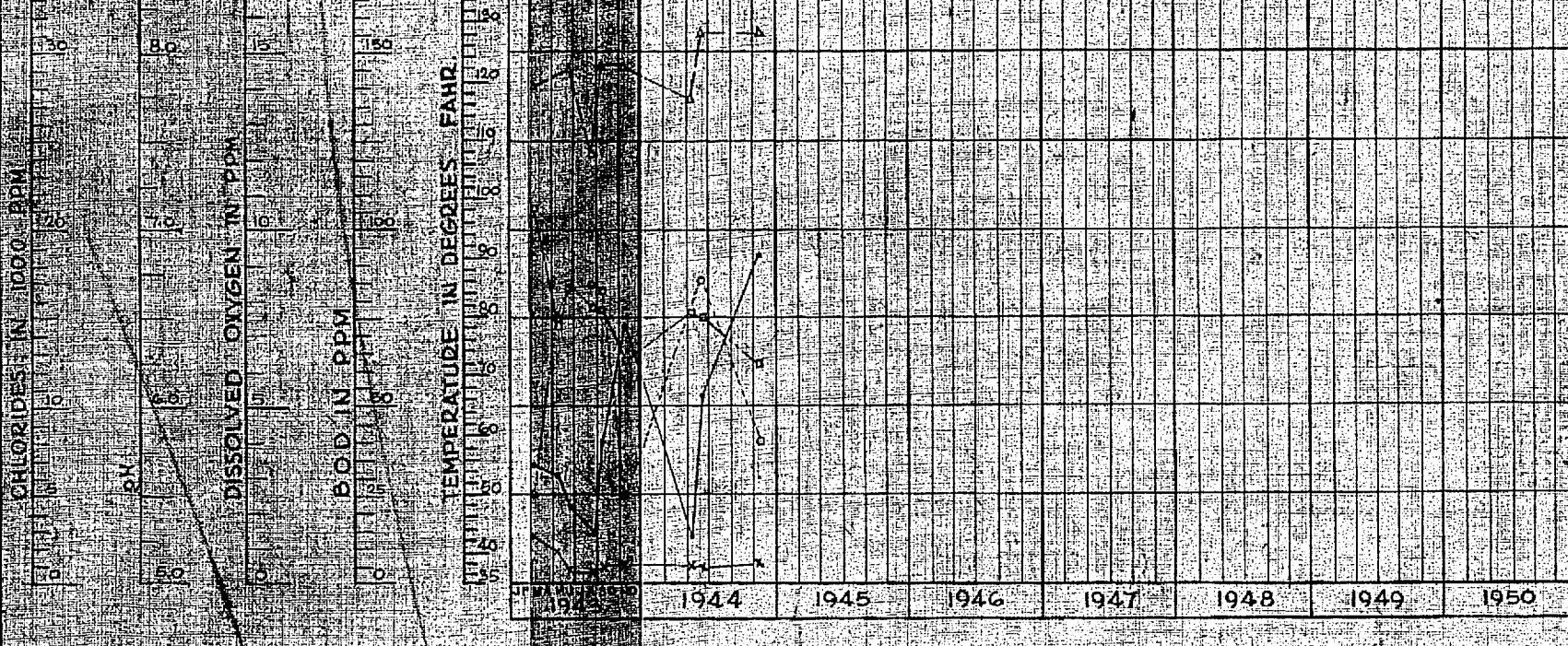


MONTHLY AVERAGE TEMPERATURES		MISCELLANEOUS DATA	
JANUARY	47° F	MAXIMUM RAINFALL (TOTAL)	1.6 INCHES
FEBRUARY	49° F	15 MINUTES	2.6
MARCH	53° F	60 MINUTES	5.0
APRIL	62° F	75 MINUTES	9.3
MAY	70° F	ANNUAL RAINFALL	50 INCHES
JUNE	76° F	AVERAGE	28
JULY	80° F	WETTEST YEAR	84
AUGUST	79° F	SNOWFALL	AVERAGE ANNUAL - 2 INCHES
SEPTEMBER	74° F	GREATEST IN ONE YEAR	12
OCTOBER	64° F	AVERAGE RELATIVE HUMIDITY (WIND)	61%
NOVEMBER	55° F	AVERAGE SUNSHINE	PERCENTAGE OF POSSIBLE TIME - 64%
DECEMBER	48° F		
AVERAGE	63° F		
MAXIMUM	102° F		
MINIMUM	3° F		

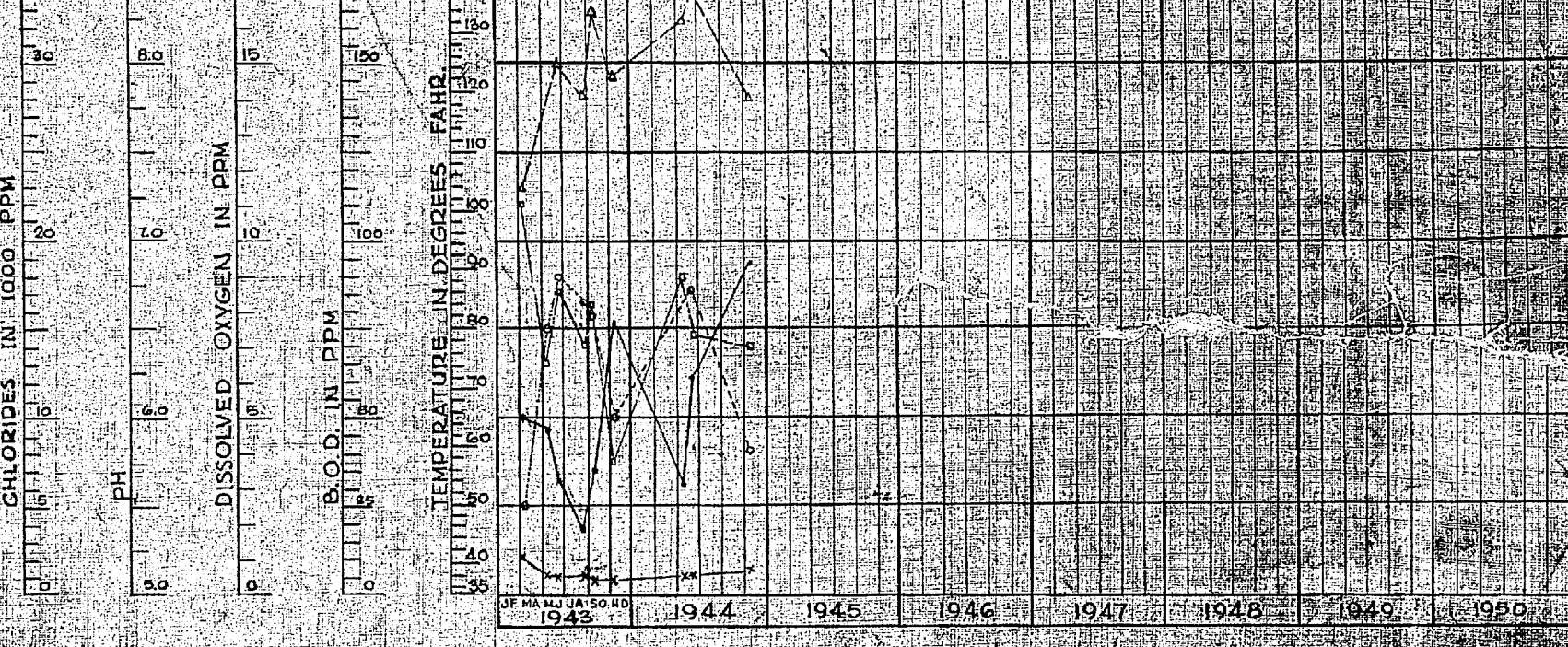
AVERAGE OF SAMPLES TAKEN AT STATIONS 5, 6, 7, 8 & 9



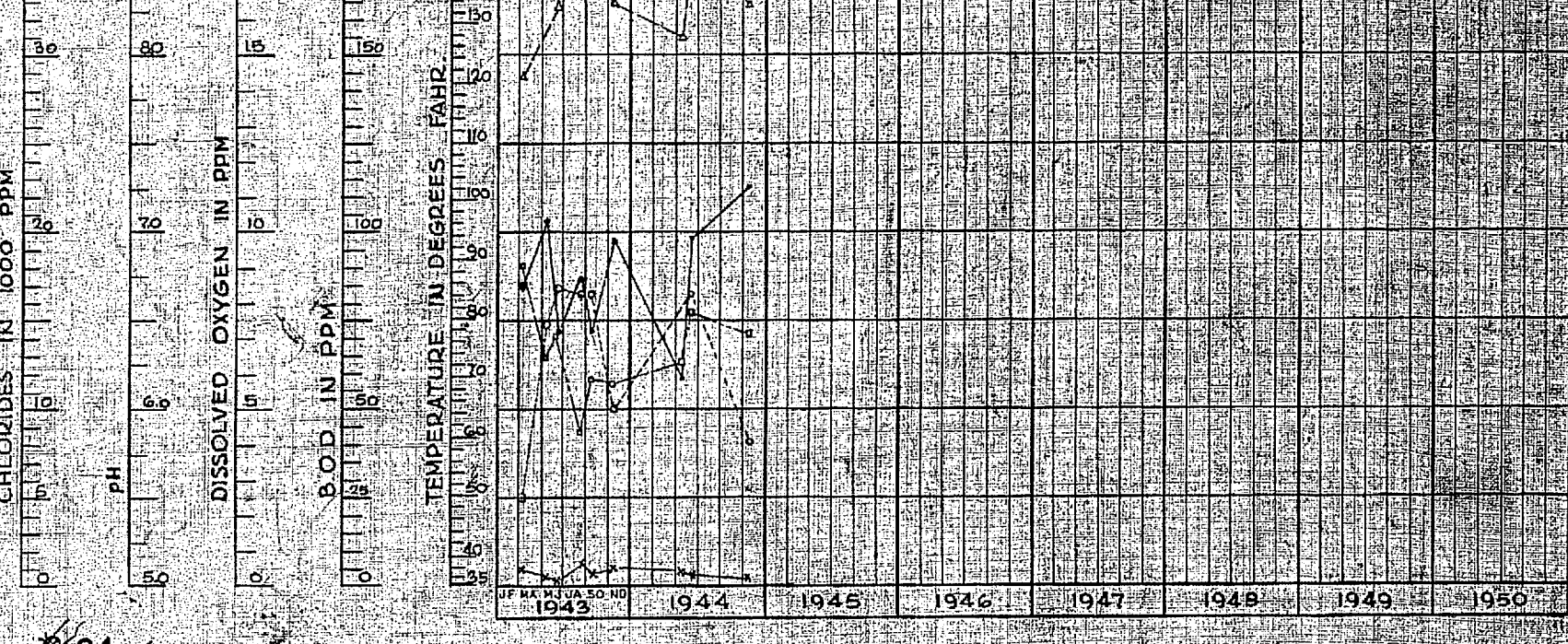
AVERAGE OF SAMPLES TAKEN AT STATIONS 10, 11 & 12



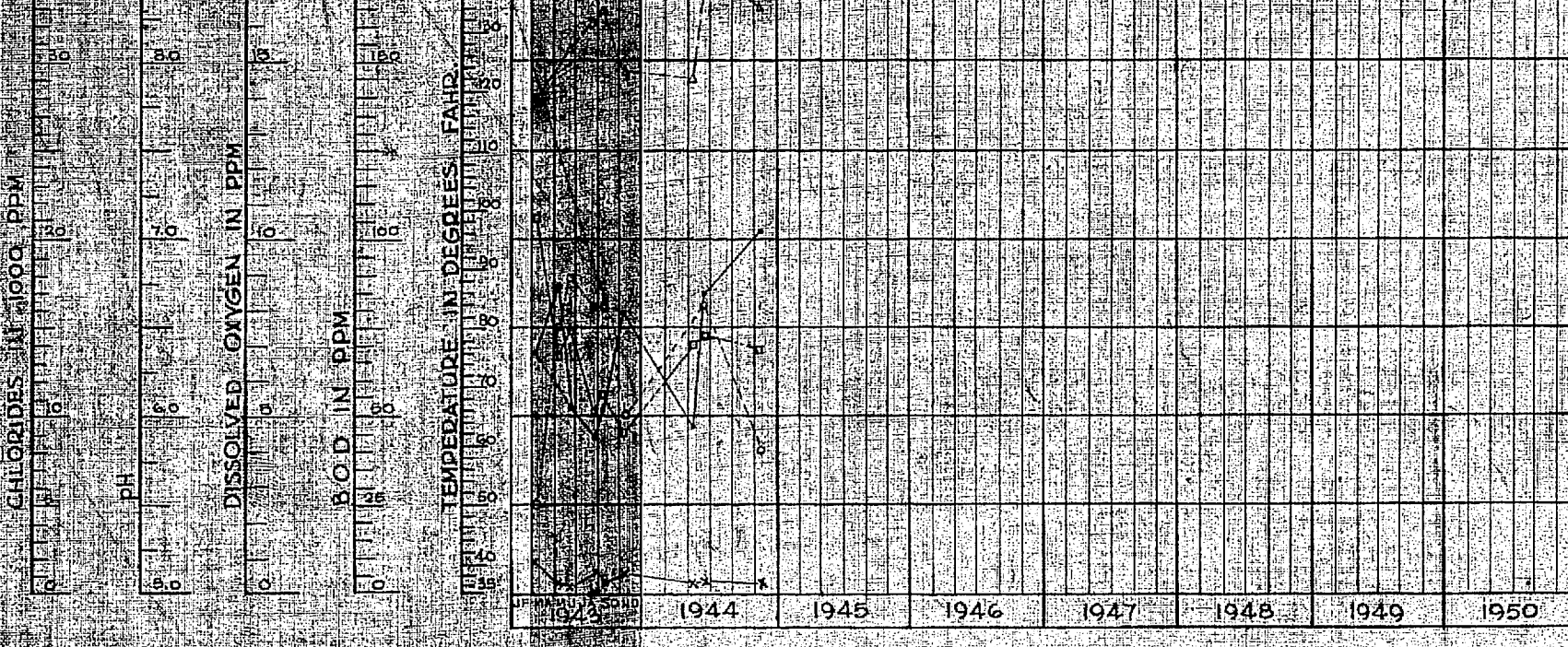
AVERAGE OF SAMPLES TAKEN AT STATIONS 13, 14 & 15



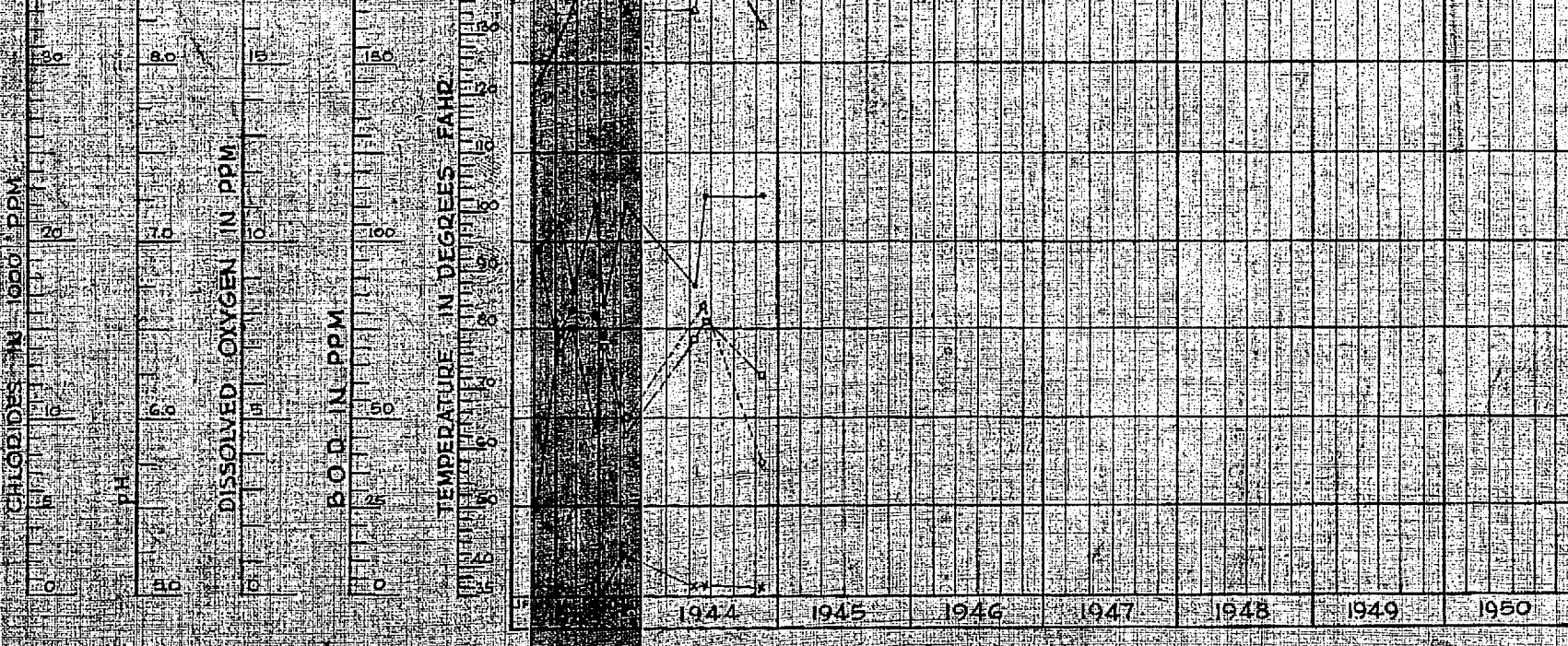
AVERAGE OF SAMPLES TAKEN AT STATIONS 19, 20 & 21



AVERAGE OF SAMPLES TAKEN AT STATIONS 16, 17 & 18



SAMPLES TAKEN AT STATION 22



LIST OF OUTFALL SEWERS

DESIGNATION	AREA SERVED	SIZE
①	DICKENS AREA	12"
②	TENT CAMPS #1 & 2	18"
③	JACKSONVILLE N.C.	8"
④	DETROIT POINT TENT CAMP	8"
⑤	CLIVED TRAINING BASE	8"
⑥	MONTGOMERY POINT CAMPS & CAMP KNOW	8" & 12"
⑦	T.S.A. TRAINERS CAMP	8"
⑧	DIVISION TRAINING AREA	18"
⑨	RIFLE RANGE	8"
⑩	AMPHIBIAN BASE	8"
⑪	BARBAGE BALLOON BASE	10"
⑫	TANK BATTALION TENT CAMP	8"
⑬	SIGNAL SCHOOL AREA	8"

SAMPLING STATION #27 AT NAVIGATION LIGHT #27-42A-111

5 MI. TO PRITCHARD POINT LIGHT #27-42A-111

5 MI. TO PORT CRAY LIGHT #22-42A-111

NOTE: TRACED FROM U.S.C. & G.S. CHART #277E

SCALE OF FEET

Scale: 40,000

LEGEND

- CLORIDES IN 1000 PPM
- DISSOLVED OXYGEN IN PPM
- B.O.D. IN PPM
- TEMPERATURE IN DEGREES FAH.

NO.	DATE	DESCRIPTION	BY
E	5-19-49	COMPLETED GRAPHS FOR 1944 - ADDED SAMPLING STATIONS #25 & 29 AND OUTLET #2	WNS
D	9-22-45	ADDED SAMPLING STATION #27 & DISTANCE FROM SAMPLING STATION #26	WNS
C	9-13-45	ADDED SAMPLING STATION #20 & DISTANCES NOTED AT NEW RIVER INLET	WNS
B	7-7-45	ADDED DESIGN & WIND GRAPH, OUTFALL SERIES & MISC. WEATHER DATA	WNS
A	5-29-45	ADDED GRAPHS AND SAMPLING STATIONS	WNS

Drawn by: MARINE BARRACKS NEW RIVER, N.C.

Traced by: C. E. P.

Checked by: W. S. C.

Chief Drawn: J. F. W.

In Charge: B. E. BEAVIN

Y. O. D. Drawing No. **228429**

P. W. Drawing No. **93**

Approved: *[Signature]* 1943

CARR & J. E. GREINER CO. ARCHITECT-ENGINEERS DURHAM, N. C. BALTIMORE, MD.

[Signature] Public Works Officer

