

At a certain depth a displacement of the seasons is often found. Repeated observations have been made by the "Michael Sars" at a station outside the entrance to the Sognefjord in different seasons and in different years. In 1903, measurements were made at this station in the months of

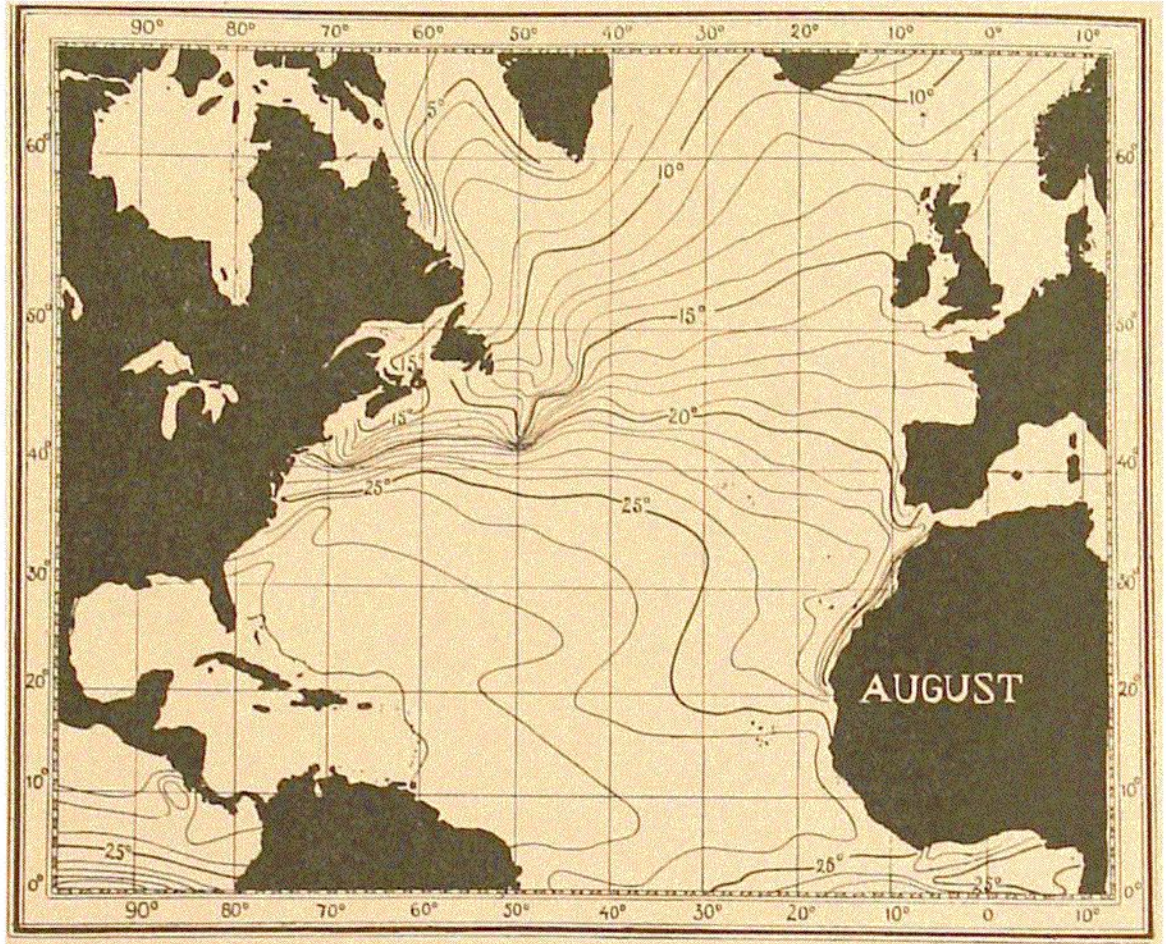


FIG. 160.—SURFACE TEMPERATURE OF THE NORTH ATLANTIC IN AUGUST.

February, May, August, and November, and the following temperatures were found:—

	February.	May.	August.	November.
Surface	4.8° C.	7.3° C.	13.8° C.	8.7° C.
100 metres . . .	6.8°	6.4°	6.9°	9.3°
200 „	7.9°	7.0°	6.7°	7.9°
300 „	6.3°	6.5°	6.4°	...

Reversal of seasons at a depth of 200 metres.

At the surface it was coldest in February and warmest in August—the difference being 9° C. At 100 metres it was coldest in May and warmest in November, with a difference of 2.9° C. At 200 metres it was coldest in August, warmest in February and November, the difference being 1.2° C., so that