



Information on the Volume

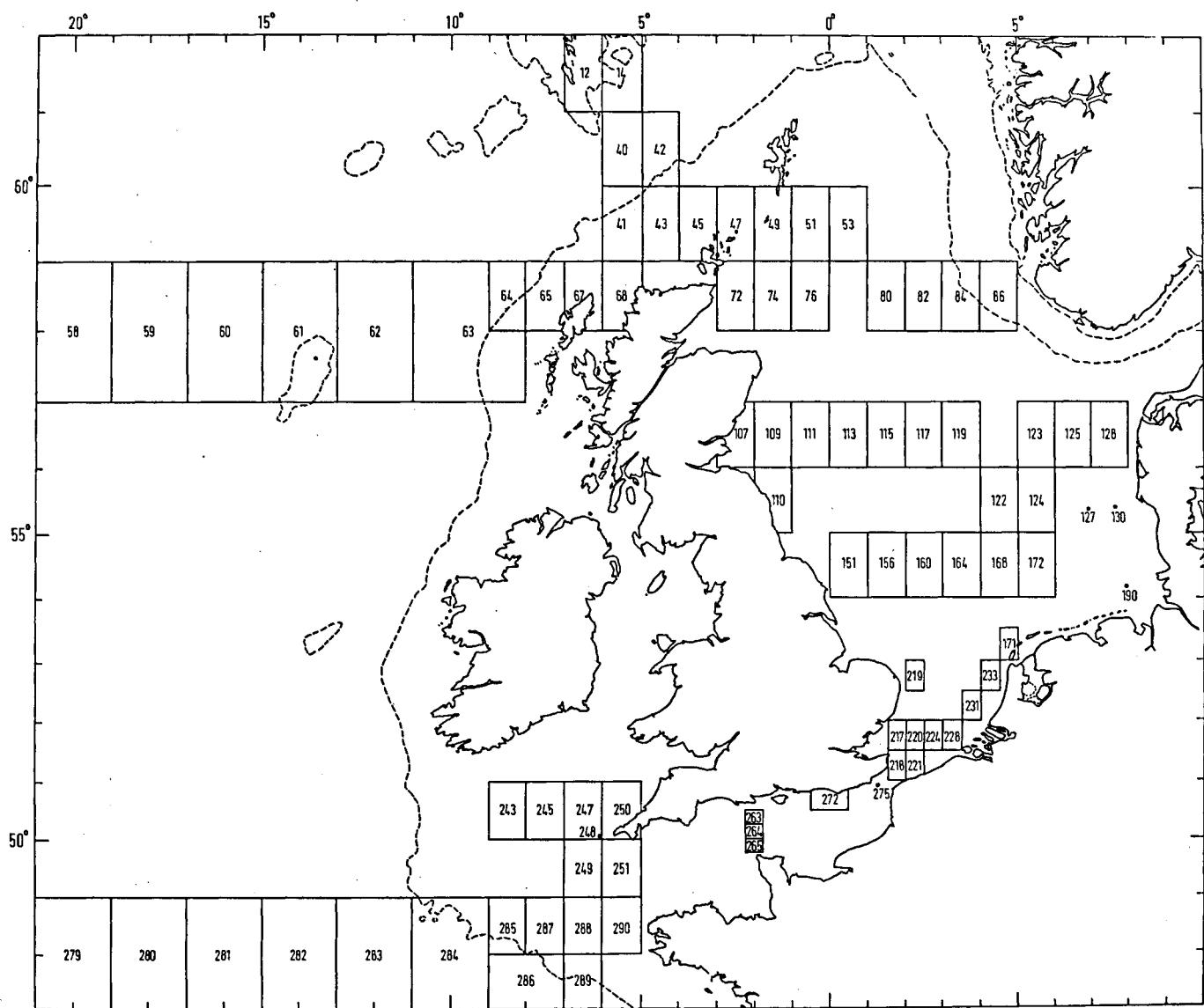
"Mean Monthly Sea Surface Temperature
Anomalies and Anomaly Classifications
for Selected Regions of the North Sea
and Adjacent Waters 1905-1954"

Based on the figures published in the ICES Atlas ("Mean Monthly Temperature and Salinity of the Surface Layer of the North Sea and Adjacent Waters from 1905 to 1954") tables of anomalies of the sea surface temperature for the individual months of the period covered by the Atlas were prepared by the Fisheries Laboratory, Lowestoft, for 84 fields of the Atlas. Such anomaly tables facilitate the comparison of the months of one year with those of another. A comparison is further facilitated by tables giving the magnitudes of the anomalies classified in terms of the standard deviations of the individual monthly means about the grand monthly means.

In accordance with a Council Resolution (C.Res.1967/1:15) a set of the tables has been supplied to the ICES Service Hydrographique by which they have now been published. The tables are preceded by an introduction by Mr. Arthur Lee, of the Lowestoft Laboratory, and are accompanied by a map showing the location of the fields covered.

The volume, which is not available on an exchange basis, is for sale (price 20 D. kr.) from A.F. Høst & Søn, Booksellers, Copenhagen or by application directly to the International Council for the Exploration of the Sea, Charlottenlund Slot, Denmark.

A copy of the map showing the fields covered, and a sample page of the tables, are appended to this sheet.



Location of Regions

REGION 156 SEA SURFACE TEMPERATURE ANOMALIES

YEAR	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1905	-0.4	-0.2	0.4	-0.3	-0.7	****	1.7	0.2	0.2	-1.3	-1.4	-0.4
1906	-0.3	-0.4	0.2	-0.2	-0.4	0.1	-0.3	0.8	0.9	0.7	0.0	-0.3
1907	-1.3	-0.6	-0.1	-0.1	-0.6	-1.0	-1.0	-1.3	-0.2	0.3	0.4	0.3
1908	-0.2	-0.4	-1.9	-0.1	-0.2	0.3	0.2	0.4	-0.7	0.2	0.3	0.2
1909	-0.8	-0.4	-2.1	-0.7	-0.8	-0.3	-1.0	-0.4	-1.2	-1.1	-0.6	-0.9
1910	-0.5	-0.1	0.1	-0.3	-0.0	2.7	-0.0	-0.2	-0.1	0.1	-1.2	-0.3
1911	-0.4	-0.1	-0.2	-0.3	0.1	-1.1	0.3	0.6	1.1	0.6	-0.6	-0.1
1912	0.1	-0.5	2.8	1.2	1.1	-0.0	0.5	-1.3	-1.4	-1.1	-0.6	-0.3
1913	-0.1	0.0	0.6	0.6	-0.4	0.6	-0.4	0.8	0.2	0.3	-0.3	0.1
1914	-1.7	0.4	0.5	1.7	1.0	****	0.0	0.0	****	****	****	****
1915	****	****	****	****	****	****	****	****	****	****	****	****
1916	****	****	****	****	****	****	****	****	****	****	****	****
1917	****	****	****	****	****	****	****	****	****	****	****	****
1918	****	****	****	****	****	****	****	****	****	****	****	****
1919	****	****	****	****	****	****	****	****	****	****	****	****
1920	-1.0	****	****	****	****	****	****	****	****	****	****	****
1921	****	0.7	0.9	****	3.9	0.5	0.1	0.5	0.1	1.7	-0.5	0.9
1922	0.8	0.0	0.2	-0.9	****	****	****	****	-0.6	-1.0	-0.3	-0.9
1923	0.3	0.5	-0.0	-0.2	-1.0	-1.4	0.1	-1.0	-1.2	-1.0	-1.4	-1.0
1924	****	-0.7	****	-1.7	****	-1.9	-1.4	-1.1	-2.0	-1.5	-0.1	0.2
1925	1.0	****	****	****	****	****	****	****	-0.5	-0.3	0.4	****
1926	-0.2	****	0.4	0.8	****	****	0.0	0.6	****	****	0.5	****
1927	****	-0.5	0.4	****	0.4	****	-1.4	-1.8	0.4	-1.6	****	-2.2
1928	-3.6	****	****	-0.0	-0.1	-0.9	-0.4	-0.3	-0.7	0.1	-0.2	-0.7
1929	-0.5	-1.2	-1.4	-1.7	-1.9	-1.4	-0.5	-0.9	0.6	0.2	-0.1	-0.3
1930	0.2	0.4	-0.4	0.3	-0.7	0.9	-0.2	-1.7	-0.4	-0.5	0.1	0.6
1931	1.2	0.5	-0.3	-1.1	0.2	-0.3	-0.8	-1.4	-1.0	-0.0	0.7	-0.9
1932	1.0	0.8	0.1	0.0	-0.3	0.0	0.3	1.0	0.7	-0.5	-0.4	-0.0
1933	0.2	0.4	0.4	0.7	0.9	1.5	1.0	1.5	1.1	0.1	0.0	-0.4
1934	0.2	0.1	0.2	0.1	-0.1	0.1	1.0	-0.3	0.1	0.1	1.2	0.1
1935	0.9	1.0	0.6	0.5	0.1	0.2	0.8	1.3	0.7	-0.1	-0.5	-0.6
1936	0.1	-0.2	0.2	0.1	-0.1	0.1	-0.2	-0.4	0.9	0.1	-0.4	-0.2
1937	0.4	0.1	-0.3	0.1	-0.7	0.6	0.6	0.8	-0.3	1.2	0.6	-0.1
1938	0.3	0.0	0.5	0.5	0.5	0.4	0.2	0.2	0.6	-0.8	0.4	0.2
1939	0.3	0.7	0.2	0.5	-0.4	0.2	0.0	-0.2	****	****	****	****
1940	****	****	****	****	****	****	****	****	****	****	****	****
1941	****	****	****	****	****	****	****	****	****	****	****	****
1942	****	****	****	****	****	****	****	****	****	****	****	****
1943	****	****	****	****	****	****	****	****	****	****	****	****
1944	****	****	****	****	****	****	****	****	****	****	****	****
1945	****	****	****	****	****	****	****	****	****	****	****	****
1946	****	****	****	****	****	****	****	****	****	****	****	****
1947	0.4	-1.6	-2.6	-1.9	-0.7	-0.1	0.0	2.1	2.0	1.7	1.7	0.7
1948	0.1	-0.7	-0.1	0.3	0.7	-0.1	-1.2	-0.9	-0.1	1.2	1.2	2.0
1949	1.0	0.6	-0.2	0.3	0.1	0.1	-0.2	0.7	2.4	2.3	0.8	0.3
1950	0.7	1.1	0.9	0.9	0.4	1.2	0.7	-1.1	-0.7	-1.1	-0.1	-0.4
1951	0.2	0.4	-0.0	-0.5	-0.7	-0.7	-0.3	0.7	-0.7	0.3	-0.2	0.6
1952	0.5	-0.3	-0.2	0.4	1.1	0.2	0.0	0.4	0.1	-1.0	-0.7	-0.7
1953	-0.1	0.0	-0.1	0.4	-0.5	0.0	-0.1	0.9	0.5	0.9	1.2	1.2
1954	1.0	-0.2	0.8	0.4	-0.1	-0.4	0.0	-1.4	-1.3	-0.0	0.6	0.5
MEAN	6.49	5.69	5.81	6.55	8.70	11.30	13.87	14.67	14.03	12.44	9.87	8.02
S.D.	0.90	0.59	0.93	0.81	0.95	0.89	0.79	0.95	0.97	0.95	0.70	0.82
N	35	34	34	34	33	31	36	36	35	36	35	34

REGION 156 CLASSIFICATION OF SEA SURFACE TEMPERATURES