INTRAANNUAL CHANGES OF THE DISSOLVED OXYGEN IN AN ACTIVE LAYER OF THE OKHOTSK SEA.

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Security of sea of Okhotsk the data on the dissolved oxygen

January February March
April May June July August September
October November December
Distribution of the dissolved oxygen (ml/l) in February
Distribution of the dissolved oxygen (ml/l) in March
Distribution of the dissolved oxygen (ml/l) in April and in June

April, 0 m
April, 200 m
June, 0 m
June, 200 m
Distribution of the relative contents of the dissolved oxygen in April (A) and May (B) on horizon of 50 m and the dissolved oxygen in April (C) and June (D) on horizon of 30 m.
Distribution of the dissolved oxygen (ml/l) in August
Distribution of the dissolved oxygen (ml / l) in July and September
Distribution of the dissolved oxygen (ml / l) in October
Distribution of the dissolved oxygen (mV) and the relative contents of oxygen on a surface in November (A, B) and in December (C, D).
CONCLUSIONS

• THE STRUCTURE OF THE FIELD OF THE DISSOLVED OXYGEN CHANGES DURING ONE YEAR
• FOR A SUMMER:
  • IN THE LAYER OF 0-100 M TYPICALLY REDUCTION OF CONCENTRATION OF THE DISSOLVED OXYGEN FROM THE CENTRAL AREAS TO THE SHELF ZONE
  • IN THE LAYER OF 100-200 M INCREASE IN CONCENTRATION OF THE DISSOLVED OXYGEN FROM THE CENTRAL AREAS TO THE SHELF ZONE
• FOR WINTER:
  • WITH DEPTH THE STRUCTURE OF THE FIELD OF THE DISSOLVED OXYGEN DOES NOT CHANGE. GROWTH OF CONCENTRATION FROM THE CENTRAL AREAS OF THE SEA TO THE SHELF ZONE IS MARKED.
THANKS FOR ATTENTION