HYDROMETCENTRE OF RUSSIA

SOCIO-ECONOMIC BENEFITS OF METEOROLOGICAL AND HYDROLOGICAL SERVICES

INVENTORY OF DECISION SUPPORT TOOLS

Sector Sub-sector Sub-sector Sole level forecasts Sea level forecasts Sole level forecast for the Caspian Sea include fields of surface wind, sea level, currents, flooded areas. Weather, Climate or Water inputs The forecast of the sea level pressure, Volga river daily run-off, ice conditions Spatial resolution Sole level forecast in the sea level pressure, Volga river daily run-off, ice conditions The spatial step of the sea level pressure forecast is 75 km Temporal resolution The sea level pressure fields are produced twice a day for 48 hours ahead with the discontinuity of 6 hours Other Detailed Tool Description The bottom relief of the sea The fields of surface wind, sea level, currents, flooded areas. Spatial resolution The computational grid covers the whole Caspian Sea and adjacent near-shore areas with the mesh size of 3 nautical miles and has 126×216 knots and 19 horizons in vertical. Temporal resolution The forecast fields are produced twice a day for 48 hours ahead with the discontinuity of 6 hours. Delivery methodology WEB-site of Russia Hydrometeorological Centre Frequency of provision Other Other Other Other relevant information as required Warnings for authorities about storm surges The version of the model of oil spill movements and oil parameter changing in case of oil outflows (location, concentration) on the Caspian Sea area.	ITEM	DESCRIPTION
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