

Read and Complete

The enormous **storm surges** shown on the last graph clearly indicate the **developing problem** for the Dutch. Water was being **pushed onshore** by the **strong winds**.

The main **storm surge peak** was at ____ on _____. At this **highest level**, the **storm surge** was _____ cm above the **average** height of the North Sea. This was more than enough to **overwhelm** the **sea defences** and to cause **flooding** on a **huge scale**.

Weather Chart for the 1st February, 1953

The **weather chart** below (figure 7) shows where the **winds** came from that **pushed** the North Sea onto the Dutch coastline. A **deep storm** (a **depression**) was sitting over the North Sea at the time:-

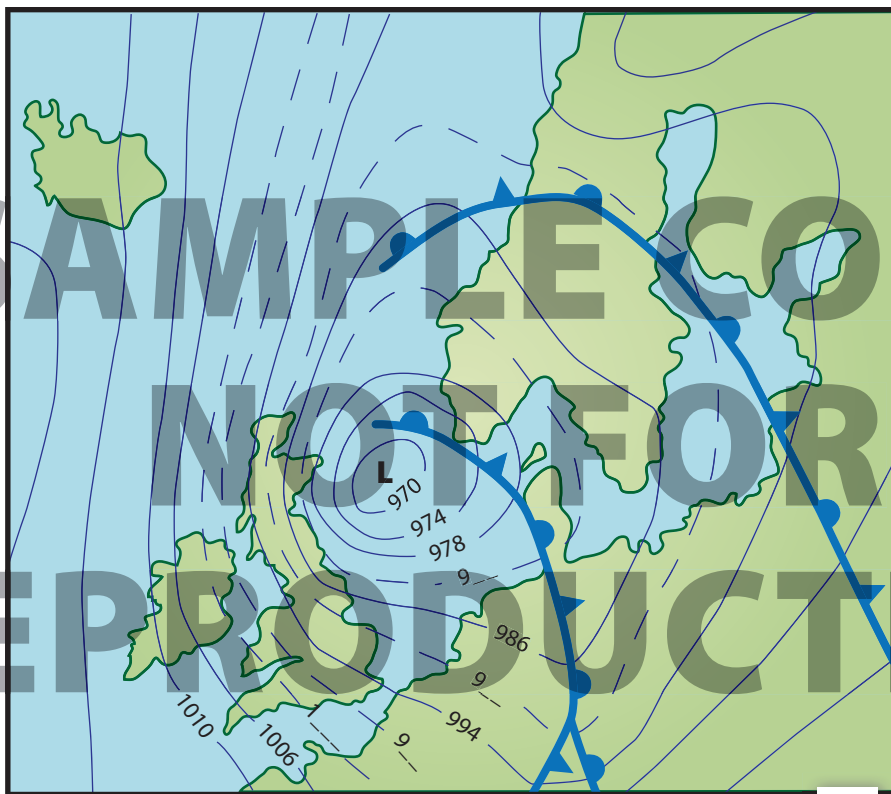


Fig 7

Task

- Complete the "missing isobars" (the dashed lines) on the above chart (figure 7).
- Shade lightly over the **western edge** of the **Netherlands** with one colour and **shade lightly** the **area** of the chart where the **air pressure** is **990mb** and **lower**;
- In this **shaded area**, **add** some **arrows** that are:-
 - parallel** to the isobars ... **and** ...
 - moving around in an **anticlockwise** direction.