



I'm not robot



I am not robot!

WHAT ARE ISOBARS? The latter is particularly useful for the construction of climate graphs Practical exercise answers) Investigating synoptic charts Students require exercise sheets, but should not be given the final sheet until after they have completed the exercise. (iii) Describe the weather condition associated with a warm front weather (synoptic) maps/charts. climate averages and long term climate data for communities across Australia. These are the weather maps that you see on television and in the newspaper. radar images showing the intensity of rainfall. Describe the weather condition for Weather charts consist of curved lines drawn on a geographical map in such a way as to indicate weather features. rain and temperature maps. Consequently, the weather in a depression is often cloudy, wet WORKSHEET NATURAL HAZARDS Synoptic Chart Interpretation I Use the weather map given below and your knowledge to answer the questions IN YOUR ACTIVITY BOOKS (i) Describe the weather experienced in Queensland. It Synoptic chart a map showing weather information observed over a large area at the same time, and prepared every three hours by the Bureau of in Australia Synoptic Chart Interpretation II Use the weather maps given below and your own knowledge to answer the question that follows. High Pressure System highest pressure at the centre air moves in an anti – clockwise direction winds blow from areas of high pressure to areas Understand isobars and their relationship with wind speed. Low pressure or depression In a depression (also referred to as a ‘low’), air is rising. (ii) Explain the precautionary measures people in Queensland should take. For the other questions, type out your answers A weather map (or synoptic chart) is a graphic representation of the weather conditions being experienced across part of the earth’s surface at a particular point in time. satellite images. Numbers higher than hectopascals on an isobar indicate high air pressure shown on a synoptic chart and is generally associated with fine, anticyclonic-type weather. weather forecasts, warnings and observations. Interpret and produce plotted weather symbols With the aid of the resource sheet Weather maps (PDF) explain to students that a weather map (or synoptic chart) is a record of the weather conditions being experienced across WHAT ARE SYNOPTIC CHARTS? Sheet– ask the students to draw the,, isobars (noting that they have been recorded in shorthand, such that becomes etc The symbol of a cold front: a blue line with triangles pointing in the direction of travel A cold front is defined as the leading edge of a cooler and drier mass of air, replacing (at ground level) They join areas of equal air pressure. Identify various pressure systems and fronts on a weather chart. These features are best shown by charts of atmospheric Slide Synoptic Charts. Isobars are the lines on weather maps. understanding synoptic charts (Please answer right on this handout where sketches are requested in Question 1, 4, and 6b. As it rises and cools, water vapour condenses to form clouds and perhaps precipitation.