## Cold front: Leading Jet stream: Apex of edge of cold, dry air cold and warm air moving south from masses colliding in Arctic region upper atmosphere. Position, strength COLD and orientation influences weather AIR CANADA ATLANTIC OCFAN Heavy snow forecast on cold New York side of storm Hurricane Sandy: Moving further northwest than normal. UNITED STATES heading inland towards large WARM New population centres Orleans AIR Storm surge threat 1000km Caribbean: Over 60 deaths, 620 miles mostly in Haiti and Cuba Storm surge: Surge of up to 3.5m possible in New York Harbour and Long Island Sound, coinciding with high tide and full moon Sources: NOAA, Wire agenices © GRAPHIC NEWS

**How Hurricane Sandy became a "superstorm"**