

Each radiosonde launch is stored in its own zip file. Two launches were conducted, one at 13:20GMT and one at 16:33 GMT, which translates to 9:20 am and 12:33 pm local time. The data from these launches are stored in .ZIP files, which each contain 10 files. The CMP, PAB, RTX and CFG files contain configurations and binary information from the radiosonde package. The LOG file is an ASCII file containing the log set from the radiosonde package to the ground during the launch. The KML file is an XML file containing the X, Y, and Z coordinates of the radiosonde package during the launch. It may be displayed graphically in Google Earth. The STD file is an ASCII file which contains the data only at the standard meteorological upper air reporting levels, as well as several calculated levels of interest (cf. the tropopause, height of the first inversion.). The SIG file contains data collected at all levels of interest, that is the standard levels, as well as any level where the rate of change of the temperature, relative humidity or wind speed/direction differed from the typical atmospheric norm.