Mobile soundings

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Time of interest: 01 Nov 2018 - 13 Dec 2018

Area of Interest: 28.6429°S, 55.9884°W

Data Frequency: Every day at 1800 UTC and in special times during convective events

Data Spatial Type: Text table

General Dataset Description:

Two types of Vaisala soundings were used: Vaisala RS92 and Vaisala RS41. The RS41 were mainly used for convective events due to better quality. RS92 were launched every day at 1800 UTC.

File Names: Mobile_soundings_Brazil, containing:
RS92:
RS92/20181102_1200.TXT,   RS92/20181106_1200.TXT,   RS92/20181115_1800.TXT,
RS92/20181121_1800.TXT,   RS92/20181126_1800.TXT,   RS92/20181129_1600.TXT,
RS92/20181103_1200.TXT,   RS92/20181107_1800.TXT,   RS92/20181116_1800.TXT,
RS92/20181122_1800.TXT,   RS92/20181127_0000.TXT,   RS92/20181201_1600.TXT,
RS92/20181104_1200.TXT,   RS92/20181110_1800.TXT,   RS92/20181117_1800.TXT,
RS92/20181123_1800.TXT,   RS92/20181127_1200.TXT,   RS92/20181202_1800.TXT,
RS92/20181105_1200.TXT,   RS92/20181111_1800.TXT,   RS92/20181119_1800.TXT,
RS92/20181124_1800.TXT,   RS92/20181127_1800.TXT,   RS92/20181203_1800.TXT,
RS92/20181105_1205.TXT,   RS92/20181114_1800.TXT,   RS92/20181120_1800.TXT,
RS92/20181125_1800.TXT, RS92/20181128_1620.TXT

RS41:
RS41/20181108_18Z/, RS41/20181113_15Z/, RS41/20181123_12Z/, RS41/20181208_18Z/,
RS41/20181212_03Z/, RS41/20181212_13Z/, RS41/20181112_12Z/, RS41/20181113_16Z/,
RS41/20181204_18Z/, RS41/20181209_18Z/, RS41/20181212_04Z/, RS41/20181212_15Z/,
RS41/20181112_18Z/, RS41/20181113_19Z/, RS41/20181205_18Z/, RS41/20181210_18Z/,
RS41/20181212_05Z/, RS41/20181212_18Z/, RS41/20181101_12Z/, RS41/20181113_00Z/,
RS41/20181117_11Z/, RS41/20181206_18Z/, RS41/20181211_18Z/, RS41/20181212_06Z/,
RS41/20181102_18Z/, RS41/20181113_13Z/, RS41/20181118_00Z/, RS41/20181207_18Z,
RS41/20181212_00Z, RS41/20181212_07Z.

The main RS41 sounding files are within these folders and named SSSB_YYYYMMDD_HHMMZ.txt.

Data restrictions: None

Digital Object Identifier (DOI): None