

(1) VOLCANO OBSERVATORY NOTICE FOR AVIATION (VONA)

(2) Issued 20220609/1320Z

(3) Volcano: São Jorge (VNUM #382030)

(4) Current Aviation Color Code: GREEN

(5) Previous Aviation Color Code: YELLOW

(6) Source: IVAR/CIVISA

(7) Notice Number: 2022/010

(8) Volcano Location: 3839N02805W

(9) Area: Atlantic Ocean, Azores

(10) Summit Elevation: 1053 m (3455 ft)

(11) Volcanic Activity Summary: The seismovolcanic crisis that started at São Jorge Island on 20220319/1705Z is still ongoing, but in the last few weeks, seismic activity shows a slight decreasing trend, sometimes interrupted by short periods of higher hourly frequency and/or release of energy, with the hypocentres currently being located, in general, at depths greater than 5 km.

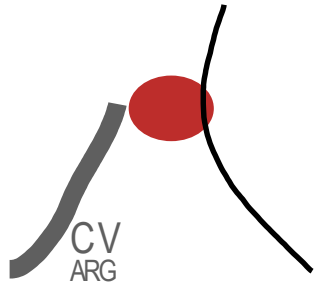
The decrease in seismic activity, although slow, over the last few weeks, as well as the absence of other anomalous signs, related to ground deformation, gases and waters, led CIVISA to decrease the Scientific Alert Level from V4 to V3 for São Jorge Island.

CIVISA maintains high monitoring levels at São Jorge Island and is providing the strengthening of the permanent seismovolcanic observation network, which in case the present activity pattern is reversed, it can detect precursor signs of a new pre-eruptive situation.

(12) Volcanic Cloud Height: NIL

(13) Other Volcanic Cloud Information: NIL

(14) Remarks: São Jorge Island is a WNW-ESE-trending fissure volcanic system, characterized by Hawaiian/Strombolian volcanism forming chains of scoria cones and associated lava flows. The western half of the island corresponds to the active Manadas Fissure Volcanic System, which was the site of two historical eruptions (AD 1580 and AD 1808), that produced basaltic lava flows, ashfall and pyroclastic density currents.



(15) Contacts:

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(16) NEXT NOTICE

A new VONA will be issued if conditions change significantly or alert levels are modified.