

Evacuation Scenario Map

Potential Volcanic Events

Fissure eruption



A phenomenon whereby the ground splits and lava shoots out.

Lava flow



An occurrence in which molten lava flows out of the crater and across the ground. It tends to move relatively slowly and can be outrun on foot.

Pyroclastic flow



A mixture of hot ash, clumps of stone, air, and steam that flows down the mountain at high speeds. Particularly large-scale flows can blanket wide swaths of land, affecting high and low areas alike and burning or burying everything in their path. The speed of a pyroclastic flow ranges from less than one hundred to several hundred kilometers per hour, and its temperature can reach several hundred degrees Celsius.

Ballistics(Falling stones and large blocks)



The larger rocks shot from the crater can reach several multiples of ten centimeters in diameter, but due to their size, they follow a straight trajectory and seldom fall more than two to four kilometers from the crater. The smaller stones, on the other hand, can be carried by the wind over distances exceeding ten kilometers.

Volcanic ash



The word ash refers to the bits of volcanic ejecta two millimeters or under in length. These substances can be carried over long distances by the wind, and large amounts of falling ash can cause the surrounding area to become dark and make it impossible to keep one's eyes open. Inhaling the ash may also have a detrimental effect on the respiratory system.

Debris flow



Bits of rock mix with water and flow down through the valleys at high speeds. Though it is normally a result of heavy rain, ash accumulation may cause debris flow to be triggered as an effect of even light precipitation.

Description of Maps and Symbols

These maps are designed to help nearby people escape quickly from dangerous areas in the event of a volcanic eruption with little or no warning.

These scenarios are based off of ten patterns typical of past eruptions and are not a definitive predictor of future events.

SB → Direction of evacuation (right after first signs of volcanic activity; letters indicates climber locations at time of eruption)

Immediately get away from the crater and the area of falling rocks and ash. Afterwards, evacuate towards a safer area.

SB: Fuji Subaru Line
OH: Summit (Ochimeguri)
Y: Yoshida Trail
S: Subashiri Trail
F: Fujinomiya Trail
G: Gotemba Trail

Position of fissure vent (purple line)

Indicates fissure vents, which are rows of connected craters. Many parts of Mount Fuji feature fissure vents rather than individual craters.

Area of potential ballistics fall

Roughly one-kilometer radius from crater

Area of potential ash accumulation (1 cm in two hours)

Small stones may fall at high velocities

Area of potential ash accumulation (1 cm in two hours) based on common wind patterns in July and August

Small stones may fall at high velocities

Area of lava or pyroclastic flow

Locations where lava or pyroclastic flow has occurred in the past, which may not be the same in future cases.

When Evacuating

In the unlikely occurrence of a sudden volcanic eruption while climbing Mount Fuji, please evacuate according to the steps below.



1 Determine where the eruption is taking place and get as far away as possible. Do not enter into any valleys or ravines downwind from the crater or in the path of the lava flow.



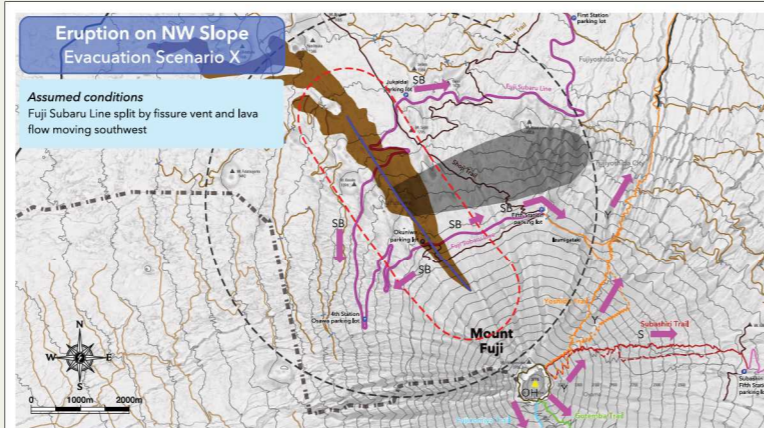
2 The area around the source may have ballistics or small stones falling at high velocities. If you do not have time to evacuate, protect your head with a backpack or other item and find a building or large rock for shelter.



3 Cover your mouth completely with a surgical mask or wet handkerchief and make sure you do not get any ash in your eyes.

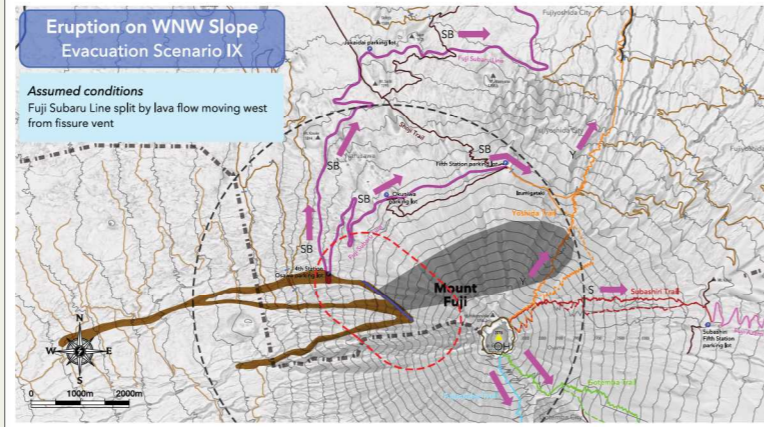


4 Do not hesitate to wait off the trail or take a different trail if necessary.



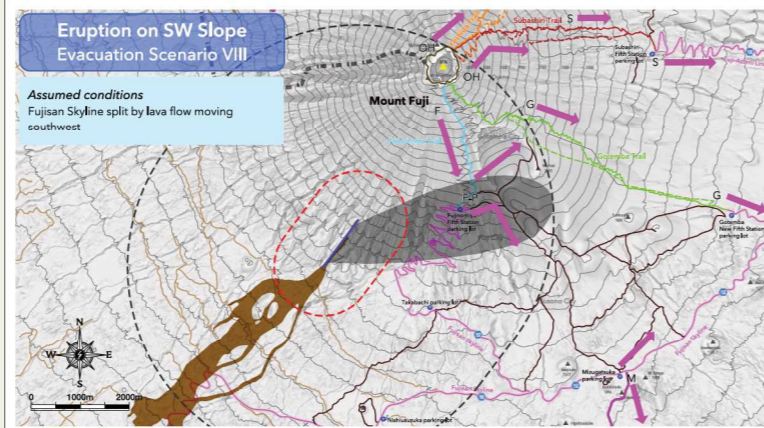
Evacuation directions
OH Descend either the Fujinomiya Trail (blue) or the Gotemba Trail (green)
Y Descend either the Yoshida Trail (yellow) or the Subashiri Trail (red)
S Descend from current location (red) and evacuate on the Fuji-Azami Line

SB If northeast of the fissure vent, go north towards the Subaru Line toll area or east towards the Fifth Station parking lot; if southwest of the fissure vent, go south towards the Osawa parking lot



Evacuation directions
OH Descend either the Fujinomiya Trail (blue) or the Gotemba Trail (green)
Y Descend either the Yoshida Trail (yellow) or the Subashiri Trail (red)
S Descend from current location (red) and evacuate on the Fuji-Azami Line

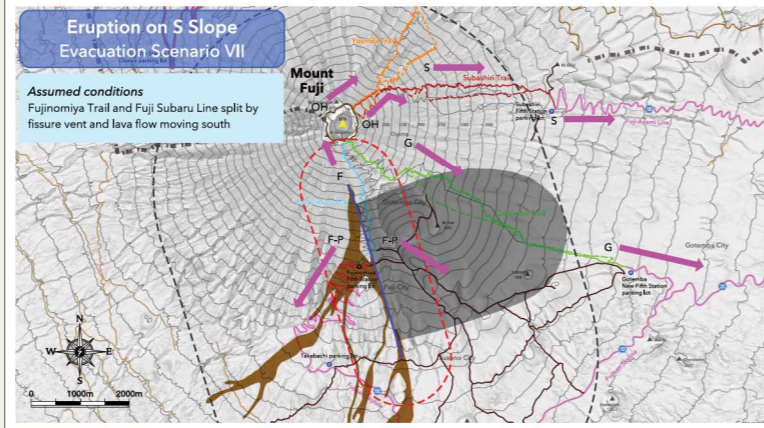
SB Go north towards the Subaru Line toll area or northeast towards the Fifth Station parking lot



Evacuation directions
OH Descend the Subashiri (red) or Yoshida (yellow) Trail
F Descend from current location (blue)

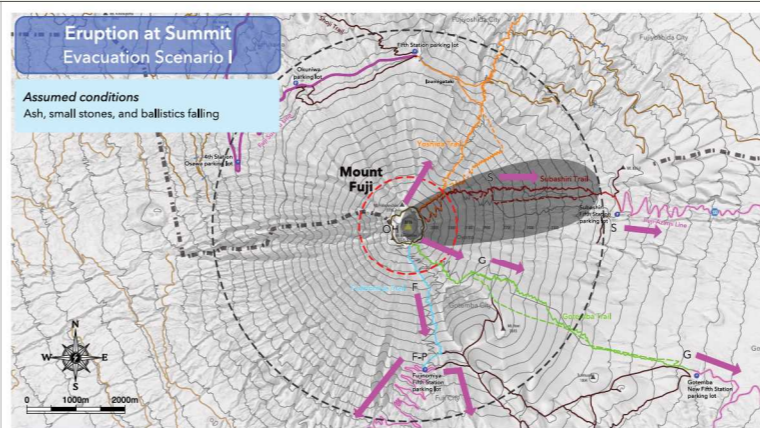
F-P Use a pedestrian path to evacuate towards the Gotemba Trail (green) or the Mizugatsuka parking lot (M); if ash is falling, take temporary shelter in a nearby building or other structure

G Descend from current location (green) and evacuate towards Gotemba on the Fujisan Skyline
S Descend from current location (red) and evacuate towards Subashiri on the Fuji-Azami Line
M Evacuate towards Gotemba on the Fujisan Skyline or the Minamifuji Evergreen Line



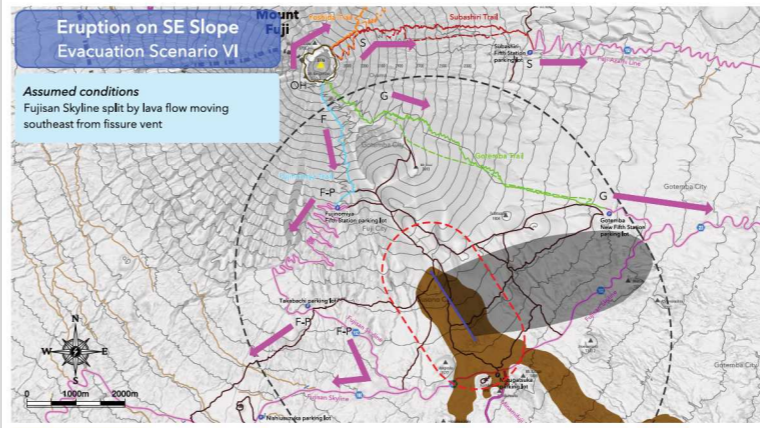
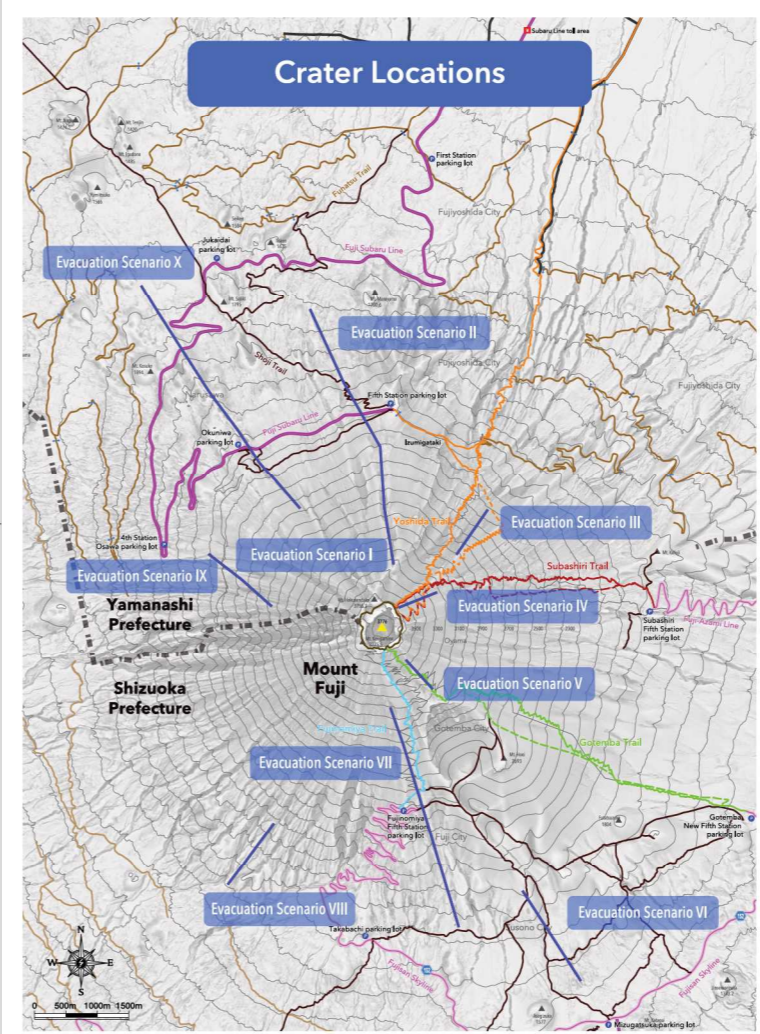
Evacuation directions
OH Descend the Subashiri (red) or Yoshida (yellow) Trail
F-P Evacuate south on the Fujisan Skyline; if not possible, go towards Gotemba on a pedestrian path instead

G Descend from current location (green) and evacuate towards Gotemba on the Fujisan Skyline
S Descend from current location (red) and evacuate towards Subashiri on the Fuji-Azami Line



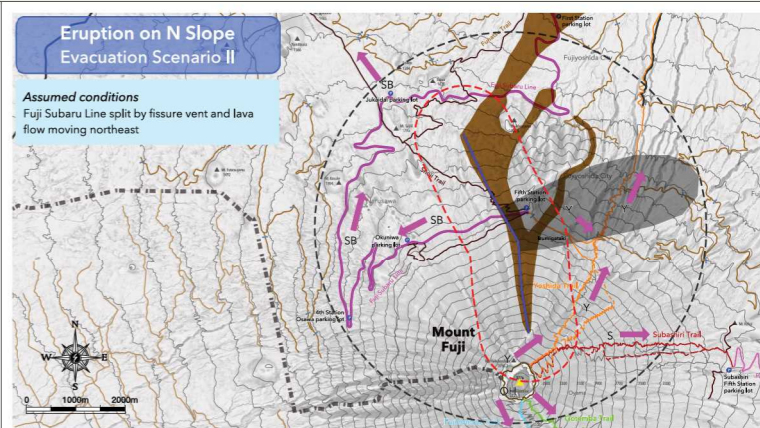
Evacuation directions
OH Immediately descend the nearest trail; if not possible, take temporary shelter in a nearby building or other structure
F Descend from current location (blue)

F-P Descend the Fujisan Skyline; if not possible, evacuate on a pedestrian path
G Descend from current location (green) and evacuate towards Gotemba on the Fujisan Skyline
S Descend from current location (red); if ash is falling, take temporary shelter in a nearby building or other structure.



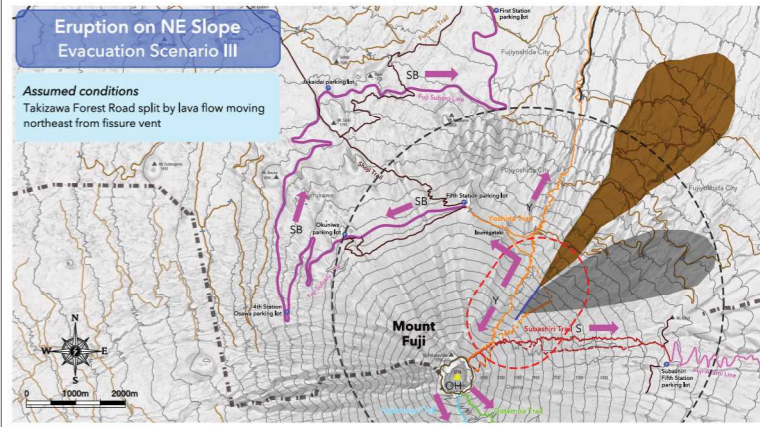
Evacuation directions
OH Descend the Subashiri (red) or Yoshida (yellow) Trail
F Descend from current location (blue)
F-P Go southwest on the Fujisan Skyline (or on a pedestrian path if not possible)

G Continue descent (green) and evacuate towards Gotemba on the Fujisan Skyline
S Continue descent (red) and evacuate towards Subashiri on the Fuji-Azami Line



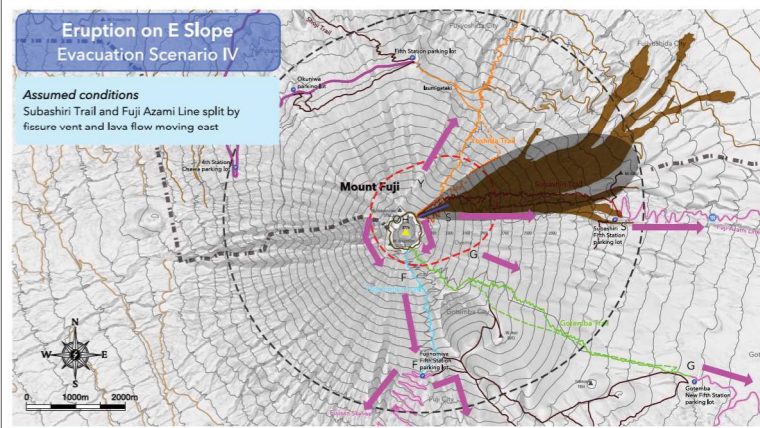
Evacuation directions
OH Descend either the Fujinomiya Trail (blue) or the Gotemba Trail (green)
Y Descend either the Yoshida Trail (yellow) or the Subashiri Trail (red); if near the Fifth Station parking lot, evacuate east on the Yoshida Trail while paying attention to any further volcanic activity

S Descend from current location (red) and evacuate on the Fuji-Azami Line
SB Evacuate northwest (towards Shoji Trail ascent path) from the Third Station



Evacuation directions
OH Descend either the Fujinomiya Trail (blue) or the Gotemba Trail (green)
Y Descend either the Yoshida Trail (yellow) or the Subashiri Trail (red); depending on the situation, go west towards the Fifth Station parking lot

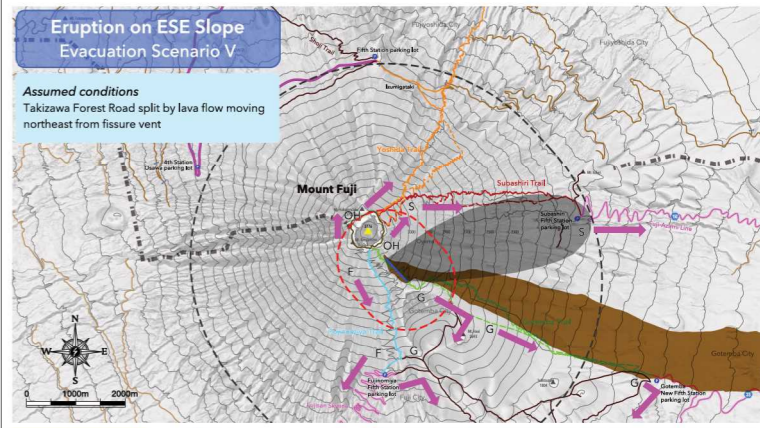
S Descend from current location (red) and evacuate on the Fuji-Azami Line
SB Go north towards the Subaru Line toll area



Evacuation directions
OH Descend the Fujinomiya (blue) or Gotemba (green) Trail
F Descend from current location (blue)

F-P Evacuate towards Fujinomiya on the Fujisan Skyline; if not possible, take a pedestrian path to the Mizugatsuka parking lot and evacuate on the Minamifuji Evergreen Line
G Descend from current location (green) and evacuate towards Gotemba on the Fujisan Skyline

S Descend from current location (red) and evacuate on the Fuji-Azami Line; if ash is falling, take temporary shelter at a nearby building or other structure
Y Descend from current location (yellow)



Evacuation directions
OH Descend the Subashiri (red) or Yoshida (yellow) trail
F Descend from current location (blue)

F-P Go towards Fujinomiya on the Fujisan Skyline; if not possible, take a pedestrian path to the Mizugatsuka parking lot and evacuate on the Minamifuji Evergreen Line
G If above the Sixth Station, evacuate on the Fujinomiya Trail (blue) or descend the Fujisan Skyline (or pedestrian path, if necessary) via the Hiei Crater; if not possible, take temporary shelter at a nearby building or other structure. If below the Sixth Station, descend the Gotemba Trail (green) from current location and evacuate towards Fujinomiya on the Fujisan Skyline
S Descend from current location (red) and evacuate towards Subashiri on the Fuji-Azami Line; if ash is falling, take temporary shelter at a nearby building or other structure.