

Phenology Calendar

Sakurajima/Kinkowan Bay Almanac of Nature and Life's Bounty



Kuromatsu Water Park Fujino's sea figs 1 Kagoshima Airport Expressway bus (approx. 40 min) agoshima-Chuo Sta. Tram (approx. 15 min) Sakurajima Lava Aquarium entrance Nagisa Park & Foot spa Walk (approx, 7 min) Kagoshima Port Sakurajima Ferry (approx. 15 min) 5 Sakurajima Port Mt. Ontake (Mt. Kitadake) Walk (approx. 10 min) Sakurajima Umizuri Park 6 Sakurajima Visitor Center Sakurajima Rest Area Ob Mt. Kitadake Driving times from Sakurajima Visitor Center Sakurajima Visitor Center Hinoshima Megumika Arimura Lava Observation Deck ···· Approx. 16 min agoshima-Chuo Sta Kurokami's buried torii gate Approx. 26 min Nagisa Lava Tra Takatoge Pass Approx. 45 min Mt. Minamidake Driving times from Kagoshima-Chuo Station ···· Approx. 15 min Sakurajima Rest Area tomi Beach ······ Approx. 31 min kurajima Products Center Cape Wakamikobana •• Approx. 55 min Arimura Lava Observat Furusato Park Legend National Park Area Okikojima Kyushu Expressway National route/ Prefectural road Arimura Beach Sea route Sakurajima's volcano Sakurajima erupts daily. The 2km regions VC Visitor Center around the Showa Crater and Mt. 2km Minamidake's summit are off-limite



One of Japan's first national parks features diverse volcanic and sea landscapes, including the Kirishima mountains, Sakurajima volcano, and Kinkowan Bay, created by massive calderas. It is also a place where visitors can enjoy the rich local culture, nature's gifts such as hot springs and food, extraordinary history, and mythologies.

©Terrestrial area: 36,605 ha ©Designation: March 1934

Related municipalities (two prefectures, eight cities, and three towns) Miyazaki Prefecture : Miyakonojo City, Kobayashi City, Ebino City, and TakaharuTow Kagoshima Prefecture : Kagoshima City, Tarumizu City, Kirishima City, Aira City, Yusui Town, Ibusuki City, and Minami'Osumi Town.

Traveling from across Japan



Kirishima-Kinkowan National Park Sakurajima/Kinkowan Bay Area Information Center



Sakurajima Visitor Center 1722-29, Sakurajima Yokoyama-cho, Kagoshima,

Kagoshima Prefecture, 891-1419 TEL: 099-293-2443 Hours:9:00 - 17:00 Open all year/free admission http://www.sakurajima.gr.jp/svc/

Shigetomi Beach Nagisa Museum

7675, Hiramatsu, Aira City, Kagoshima Prefecture, 899-5652 TEL:0995-73-3146 Hours:9:00 - 17:00 (open until 18:00 in the summer) Closed on Tuesdays, year-end, and New Year holidays (open in the summer) Free admission https://www.nagisa-museum.com/

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In addition to the residents of Sakurajima itself, the city of Kagoshima with a population 600,000 sits in the shadow of Sakurajima. The area's long history of human settlement suggests that volcano-side living has benefits that outweigh the dangers. Indeed, the volcano provides fertile soil for farming, ignimbrite rock for walling, and ash for a number of industries.



Dealing with Ash

Kagoshima Bay (Kinkowan Bay)

Café Shirah

Ash is a part of life for those living around Sakurajima. Far from seeing it as just a nuisance, residents have come up with ways to live with the ash and even profit from industries that make use of it. Street sweeper trucks keep the roads clean, while households bag ash that dusts their property. Weather forecasts include information on wind direction, allowing people to prepare appropriately. While some may choose to wear face masks when working outside, the ash doesn't pose any health risks. Mostly, residents live their lives as normal, as have countless generations of inhabitants around Sakurajima.

How Sakurajima's bounty relates to people's lives





Sakurajima tangerine (mandarin orange)

Sakurajima tangerine is a small mandarin orange with a diameter smaller than 5cm and weighs about 50g. Since daylight duration and geological layers vary in different parts of Sakurajima, various efforts are made to maintain quality. They include using reflective sheets and choosing stocks that suit the area, growing the oranges in greenhouses to protect them from ashes, and controlling the water volume.

Sakurajima loquats

Loquats are richly cultivated in Sakurajima. The fruit is grown carefully by bagging, training, pruning, managing the soil, controlling pests, and providing after-pruning care. They are ready to harvest when the bagged loquats droop down, so loquat farmers assess the harvest timing by patrolling the orchards to weigh the bags and check the fruits inside.





Sakurajima/Kinkowan Bay Area





Activities

Unique activities abound, from classes on volcano-ash pottery and baking pizzas in lava rock ovens to nighttime eruption cruises. Add to those hiking, cycling, kayaking, hot springs, guided tours and more, and Sakurajima offers adventures to suit all tastes.

cialties that capitalize on the volcanic locality's unique terrain and climate.



Sakurajima radishes

Sakurajima radishes's cultivation method varies by farmers. Due to typhoons and volcanic ashes, growing the radish requires much time-consuming work such as re-sowing and blowing away the ashes with leaf blowers, and it takes about five months to grow. The soil is similar to a wasteland containing pumice. The moderately lean, well-drained earth is excellent for growing radishes as it is easy to control nutrients and water content.



Yellowtail and greater amberjack farming

Kinkowan Bay is renowned for yellowtail and greater amberjack farming. Yellowtail accounts for 20 percent, and greater amberjack accounts for 90 percent of the national production. This is because Kinkowan Bay is blessed with warm and oxygen-rich seawater throughout the year. Since the bay is deep, an excellent environment is maintained in the fishing grounds, and the cages are installed deep in the sea, even in the coastal areas. Moreover, those in the aquafarming industry are young and energetic. Their youthful vigor significantly contributes to Kinkowan Bay's dominance as a fish production area.



Panoramic vista of Sakurajima Steam fog at Kinkowan Bay Sunrise at Kinkowan Bay Kinkowan Bay occasionally sees a phenomenon called Kearashi (a steam fog that arises when the air rapidly cools the vapor produced by warm seawater) on cold early mornings, enabling people to see gorgeous and fantastical scenery. Approximately 30,000 years ago, a colossal eruption buried Kagoshima in magma up to 60 meters deep. A pyroclastic flow of ash, stone, and gas covered the area's mountains and valleys, rendering it flat in the space of a week. The volcanic crater cavity created by this epic eruption is the Aira Caldera. Some 4,000 years later Sakurajima, located on the southern rim of the Aira Caldera, erupted for the first time, growing larger with each subsequent eruption. The northern peak, Kitadake, was active until 5,000 years ago. The southern peak, Minamidake, became active 4,500 years ago and is the peak that continues to erupt today.

the volcanic landscape.

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Kinkowan Bay's Characteristics

Kinkowan Bay is about 1,130 square km, approximately the size of Tokyo Bay. It is an elongated, heavily indented bay about 80km long from north to south and 20km wide from east to west. The bay continues to see Sakurajima's volcanic eruptions and submarine volcanic activities. Kinkowan Bay's waters containing unique hydrothermal vent and seepage communities, where rich biodiversity can be observed, is indeed a natural aquarium.

Seafloor topography

Kinkowan Bay has a seafloor topography that resembles two mortars fused due to several volcanic activities that have continued from tens of thousands of years ago. The seafloor is divided into the closed-off section north of Sakurajima, the central section in the south, and the bay's mouth.

Oceanic depths

Kinkowan Bay is the only one in Japan with an abyssal sea at the bay's closed-off section. The maximum depth is 206 meters at the close-off section and 237 meters at the central section. The average depth of water across the bay is 117 meters.





Topography and Geology

Sakurajima, rising 1,117 meters above sea level, is the post-caldera volcano of the Aira Caldera. There are three peaks running north to south—Kitadake, Nakadake and Minamidake. The three peaks were formed by two volcanoes. The older volcano, Kitadake, is no longer active. The younger volcano, Minamidake, has been erupting continuously since 1955. It has two vents, Nakadake and Minamidake. Sakurajima's magma originates from beneath Kinkowan Bay. Over the millennia, there have been seventeen massive eruptions from Sakurajima, although smaller eruptions occur on an almost daily basis. The "jima" of "Sakurajima" means "island," and although once separate it is now attached to the mainland as a result of a lava flow from the 1914 Taisho eruption.

Lava and Vegetation

Far from being bare, lifeless expanses of rock, volcanoes are home to a huge variety of vegetation. Around Sakurajima's summit, closest to the volcanic vents, Japanese pampas grass and Japanese knotweed grow, while further down, Japanese eurya and Japanese green alder-deciduous evergreen shrubs-can be found. Further from the crater, Japanese black pine and Japanese bay trees thrive. Lava flows are home to a diversity of vegetation, and because Sakurajima is home to five visible lava flows, it is possible to see the stages of revegetation up close. On the Arimura Seashore it is possible to see three flows, from the An'ei (1779), Taisho (1914), and Showa (1946) eruptions. The newest flow is characterized by hardy black pine growing among otherwise bare rock, while the Taisho flow boasts more verdant vegetation, and the oldest is now home to thriving forests.