

Earthquake Response Measures

(As of 8:00 am, April 27th)

Oita City earthquake response measures for the earthquakes originating in the Aso Region of Kumamoto Prefecture are as follows.

There does not appear to be any danger of further damage within Oita City, however there has been an increased possibility of landslide disasters in areas hit by strong earthquakes. Please pay special attention to weather forecast information from here on.

Earthquake and Weather Information

■ <Earthquake Information>

- Time/Date of Quake: 1:25 am, April 16th
 - Epicenter: Kumamoto Prefecture (Seismic Center: 12 kilometers, Scale: Magnitude of 7.3)
 - Maximum Intensity: (Strong 6) Nowhere in Oita Prefecture
- ※Minami-Aso Mura (Kumamoto Pref.), Kumamoto City (Kumamoto Pref.)
(Weak 6) Beppu City
(Strong 5) Bungo Ono City, Hita City, Taketa City, Kokonoe Town
(Weak 5) Oita City, Usuki City, Tsukumi City, Saiki City
- ※Japan Meteorological Agency Homepage (Updated Seismic Intensity Information)
http://www.jma.go.jp/jp/quake/quake_sindo_index.html

<Weather Information>

- Weather Advisory: Strong Wind/High Sea Warning (Issued at 8:30 am on April 16th → warning lifted at 8:25am on April 17th.)
- ※Japan Meteorological Agency Homepage (Weather /Meteorological Advisories)
<http://www.jma.go.jp/jp/warn/350.html>

Assessment of Total Damages (As of 8:00 am, April 27th)

Human Injuries	Damage to Homes	Property (Excluding homes) Damage	Road・Public Works Damage	Agricultural Damage	Waterwork Damage	Other Damage
3	14	12	7	0	3	6

○Human Injuries: 3 Cases

Serious Injuries – 1, Medium Injuries – 1, Minor Injuries – 1

○Damages to Homes (Including Businesses) 14 Cases (Partial Damages)

- Tile Damage (12 cases)
- Wall Damage (1 case)
- Foundation Damage (1 case)

○Property Damage 12 cases (Partial Damage)

- Damage to external objects (external decoration) – 1 case
- Damage to concrete block fences (collapsed) – 2 cases
- Concrete block fence in danger of collapse – 1 case
- Cracks and flaking (8 cases)

✂Oita City staff inspected the object that fell and the building it fell off of. Oita City and the business concerned are in the process of confirming the safety of the object and the building.

Additionally, there are other such business with external decorations that may require some sort of safety measures in the case of emergencies like earthquakes. Oita City has asked that owners of businesses with external objects check their safety in advance.

○Road•Public Works Damage – 7 cases (landslides, etc.)

(The following road is closed.)

- (National Road) Route 442 (Megusuno)

(Road damages have been responded to in the following areas.)

- (Prefecture Road) Mie Notsuharu –Sen (Oaza Imaichi)
- (City Road) Takaso Owara–Sen (Oaza Takahara)
- (City Road) Shitajiroka, Nerigasako (Oaza Imaichi)
- (City Road) Nerigasako–Sen (Oaza Imaichi)
- (City Road) Tanoura Jonokoshi 2–Go Sen (Oaza Kanzaki)
- (City Road) Uenohara Yamagiwa Sen (Irikura)

✂Japan Road Traffic Information Center –<http://www.jartic.or.jp/>

○Waterworks Related Damage – 3 cases (pipe leaks)

- Waterwork Facilities (Hagiwara, Shonoharu, Kanayasako) – Water stopped
- Other – (Water pipe leakage in private homes – 71 cases)

○Other Damages –6 cases (Industrial Complex)

▪One part of the floating roof type crude oil tank was soaked with crude oil → Response complete

▪(City Road) Nishikimachi 1–Go Sen (Nishiki–Machi) (Closed due to an industrial water pipe leak) →Open to traffic

○Fires – None

○Gas Information

▪No reports of gas leakage or supply stoppage. No damages resulting from damages to gas pipelines, etc.

○Power Outage Information –No power outages

▪April 16th, 8:00 am – Report of power outage at Meiji Kita Elementary School → No other power outages in the surrounding area as reported by Kyushu Electric Company → Power restored.

Evacuation Center Information

○Open Evacuation Centers and Evacuee Information:

※Two evacuation centers open, 7 evacuees as of 7:00 am, April 27th

The evacuation centers at HorutoHall Oita and Wasada Community Center will close as of 8:00 am, April 28th. All evacuation centers will be closed.

(The fourteen evacuation centers have been gradually closed in stages.)

▪Public health care workers made rounds at the open evacuation centers to check on the health conditions of the evacuees and relieve any worries brought on by the continuous earthquakes.

Time/Date: April 17th, 2:40pm – 5:00pm

Place: 5 Evacuation Centers

Number of consultations: 18 cases

Safety Measures

○Oita City has implemented safety measures for public facilities that are not earthquake-proof by providing alternate facilities for use.

▪Sumiyoshi Elementary School (Temporary use of one part of earthquake-proof Sekiden Junior High School.)

▪Nakashima Elementary School (Temporary use of one building on school premises that is earthquake-proof.)

▪Niagemachi Elementary School (Students made to wear helmets to accommodate emergency situations.)

▪Kawarauchi Day Care Center (Facilities temporarily moved to Kawarauchi Kusunoki Hall and Akatsuki Day Care Center.)

- Funai Kids’ Room (Temporarily closed. Chuo Kids’ Room in Horuto Hall Oita currently open.)
- Ozai Rojin Ikoinoie (Temporarily closed. Tsurusaki Ikoinoie and Sakanoichi Ikoinoie currently open.)

○Facilities with limited usage:

- Hiyoshibaru Gymnasium (Closed for the time being)
- Mori Kuso Memorial Hall (The old residence and remains of the private school are only able to be viewed from the outside.)
- Hoashi Honke Sake Brewery (Only able to be viewed from the outside. Facility rental is not possible for the time being)
- Ikemi Family’s Residence (Only able to be viewed from the outside.)
- Funai Castle Ruins (Otemonshita is closed. Only able to be viewed from the outside.)

○Semi-Public Facilities Not Under City Management

- Neighborhood community centers and school district community centers (temporarily closed or users asked to utilize facilities with caution)

○Additional Safety Measures

- Businesses with advertising, signs, etc. located outside that would be dangerous if they fell off in the event of another earthquake have been asked to confirm the safety of such structures.
- Non earthquake-proof large-scale facilities that are open to the general public have been asked to take measures to secure the safety of the people using them.
- Patrols of potentially dangerous areas of roads and rivers in light of landslide predictions due to the large amount of rain.
- All private nursery schools, elementary schools, and junior high schools have conducted evacuation drills prior to April 22nd.
- April 26 – Volunteer fire corps have been asked to provide information concerning landslides and storm and flood damage.
- April 27, 28 – Emergency safety checks of 35 housing developments of over 3000 square meters that were built prior to the induction of the “Development Permission System.”

Oita City Disaster Relief Efforts in Other Cities

1. Oita City Fire Department Relief Efforts

(Emergency Fire Response Team Deployment)

(1) Deployment Location: Soryo, Mashikimachi, Kamimashiki-gun, Kumamoto Prefecture

(2) Deployments

• Oita City Fire Department Staff: 21 people (5 teams)

(Oita Prefectural Gov. Staff: 105 people (28 teams))

(3) Activity Overview

• April 14, 9:26pm Earthquake (Central Oita – JMA seismic intensity: 4)

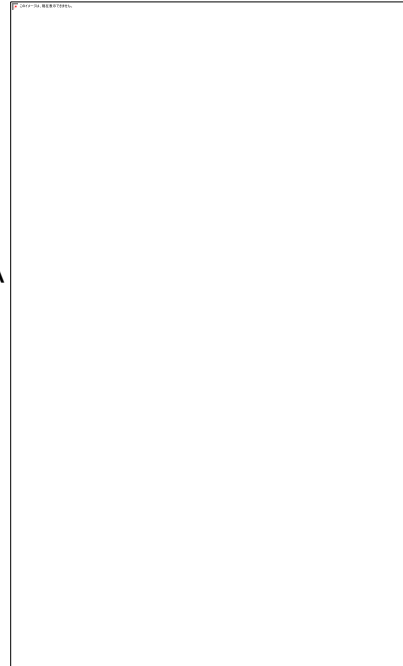
10:23pm: Oita City Relief Squad Assembled

10:39pm: Dispatch request from Oita Pref.

11:07pm: Oita City Relief Squad deployed to Kumamoto Prefecture

• April 15, 6:20am Team from Oita Prefecture including Oita City Fire Department staff dispatched to Soryo, Mashikimachi, Kamimashiki-gun to rescue victims from collapsed homes. Seven victims rescued – 3 victims taken to the hospital.

• April 16 7:40pm Team returned to Oita City to prepare for disaster relief efforts within Oita Prefecture.



2. Oita City Waterworks Bureau Relief Efforts

(Team dispatched to Kumamoto)

(1) Deployment Location: Kumamoto City

(2) Relief Equipment:

• 1 4-ton water truck

• 1 3-ton water truck

• Emergency water supply equipment

• Deployed Staff: 6 people

(3) Activity Overview

• April 15 Distributed water at Takita Elementary School and Yuge Elementary School

• April 16 Distributed water at Kumamoto Chuo Hospital and Takumanishi Elementary School



- April 17 Team returned to Oita City for water supply assistance efforts within Oita Prefecture.

3. Oita City Waterworks Bureau Relief Measures (Team dispatched to Taketa)

(1) Deployment Location: Taketa City

(2) Relief Equipment

- 2 3-ton water trucks
- Emergency water supply equipment
- Deployed staff: 6 people

(3) Activity Overview

- April 16 Distributed water at Taketa City Office Naoiri Branch (1 water truck, 3 people)

→Assistance complete

- April 17 Distributed water at Taketa City Office Naoiri Branch (1 water truck, 3 people)

→Assistance complete

4. Oita City Waterworks Bureau Relief Measures (Team dispatched to Kokonoe)

(1) Deployment Location: Kokonoe Machi Town Hall

(2) Relief Equipment

- 1 3-ton water truck
- Emergency water supply equipment
- 800 emergency water bags
- Deployed staff: 3 people

(3) Activity Overview

- April 17 Emergency water resources supplied by water truck

- April 18 Dispatched additional team (1 truck, 5 people) – Filled water storage tank and provided technical assistance, etc.

- April 19 Filled water storage tank

- April 20–25 Filled water storage tanks at schools (Assistance complete)

5. Oita City Waterworks Bureau Relief Measures (Team dispatched to Yufu)

(1) Deployment Location: Yufuin Kawaminami, Yufu City

(2) Relief Equipment

- 1 3-ton water truck
- Emergency water supply equipment

- Deployed staff: 3 people

(3) Activity Overview

- April 17 Emergency water resources supplied by water truck (Relief activities complete in this area)

6. Oita City Waterworks Bureau Relief Measures
(Team dispatched to Yufu)

(1) Deployment Location: Shonai, Yufu City

(2) Relief Equipment

- 1 3-ton water truck
- Emergency water supply equipment
- 2 polystyrene water tanks (800 liters)
- 960 pet bottles (500 milliliters) of drinking water
- 1,000 emergency water bags
- Deployed staff: 3 people (2 people as of April

20)

(3) Activity Overview

- April 19 Water distributed at water stations in the Shonai area. Filled water tank for water used in making school lunch.
- April 20–23, 25, 26 Filled water storage tanks at schools (Relief activities complete in this area)

7. Oita City Waterworks Bureau Relief Measures
(Team dispatched to Aso)

(1) Deployment Location: Aso City

(2) Deployed Staff: 4 people

(3) Activity Overview

- April 26–May 2 Survey water pipe leakage and conducted restoration work on water pipes (Joint effort between Oita City Waterworks Bureau and Oita Plumbers Co-op)

8. Oita City Waterworks Bureau Relief Efforts
(Team dispatched to Kumamoto)

(1) Deployment Location: Kumamoto City

(2) Deployed Staff: 4 people

(3) Activity Overview

- April 28 –Survey water pipe leakage

9. Oita City Waterworks Bureau Relief Efforts

- April 16 Provided 2,000 water bags to Yufu City and 600 water bags to Kusu Town (Assistance requested by Oita Prefectural Govt.)

- April 17 Provided 2 sets of joint rings (450 millimeters) for cast-iron pipes.
- April 18 Provided 2,486 water bags to Yufu City and 1,000 water bags to Oguni Town.
- April 19 Provided assistance to Oguni Town with water quality inspection.

✕Given the agreement on emergency disaster relief measures signed by the Oita City Plumbers Union and the Oita City Waterworks Bureau, these two entities are working together to provide aid and emergency water supplies to Beppu City, Yufu City, Aso City, and Kokonoe Town.

10. City of Oita Relief Measures (Deployment of Oita City staff)

(1) Deployment Location: Minami Aso Mura, Kumamoto Prefecture

(2) Deployments

- Deployed Staff: 5 Oita City Staff
(Dispatch requested by Oita Prefectural Governor to Oita Prefecture Association of City Mayors)

(2 people from Saiki City, 1 person from Tsukumi City, 1 person from Usa City, and 1 person from Kitsuki City were also dispatched.)

(3) Deployment Period

- Group 1: April 19–21
- Group 2: April 21–23
- Group 3: April 23–25
- Group 4: April 25–29

▪Group 5: April 29–May 3



11. City of Oita Relief Efforts (Deployment of Oita City staff)

(1) Deployment Location: Beppu City, Yufu City

(2) Deployments

- Deployed Staff: 1 person deployed to Beppu City, 2 people deployed to Yufu City (Dispatch request from Oita Prefecture Association of City Mayors)

(3) Activities Overview

- Help with issuing Disaster Victim Certificates
- Deployment Period (Yufu City): April 22–30
(Including weekends and national holidays)
- Deployment Period (Beppu City): April 25–May 6
(weekdays only)

12. City of Oita Relief Efforts (Deployment of public healthcare workers)

(1) Deployment Location: Minami Oguni Machi, Kumamoto Prefecture ⇒ Nishihara Mura

(2) Deployments:

Deployed staff: 3 (At the request of the Ministry of Health, Labour, and Welfare and Kumamoto Prefecture.)

(3) Activity Overview

- April 21 – Made rounds at three evacuation centers in Minami Oguni Machi. Advised on sanitation matters and consulted on health-related issues.
- April 22 Made rounds at evacuation centers. Offered healthcare classes.
- April 23 and 24 – Surveyed health conditions in Minami Aso Mura and aided in sanitizing evacuation center facilities.
- April 25 Relocated to Nishihara Mura

13. City of Oita Relief Efforts (Deployment of Oita City specialists)

(1) Deployment Location: Minami Aso Mura, Kumamoto Prefecture

(2) Deployments: Emergency Danger Level Assessment Specialists

Deployed staff: 6 (At the request of Oita Prefecture.) 2 additional staff deployed (at the request of Oita Prefecture)

(3) Activity Overview

- April 22–27 3 teams of 2 people deployed
- April 28–29 deployment of 2 additional staff

14. City of Oita Relief Efforts (Other)

- Provision of Relief Supplies
- Yufu City: Provision of 336 2-liter bottles of

drinking water

Beppu City: 200 blankets, 100 vinyl sheets, 2 mats

•Acceptance of disaster debris from Yufu City
and Aso Integrated Administration of a Large Region
Office Work Association.

•Provision of housing to disaster victims in Oita
City Municipal Housing Complexes (25 apartments
available)

Oita City Disaster Response Headquarters Schedule

April 16:

- 1:25am Emergency Operations Center established
- 2:50am Instructions given to open evacuation centers (Email sent simultaneously)
- 2:50am 1st Disaster Response Headquarters Meeting
(※Same members of the Emergency Operations Center)
- 6:00am 2nd Disaster Response Headquarters Meeting
- 9:00am 3rd Disaster Response Headquarters Meeting
- 3:00pm 4th Disaster Response Headquarters Meeting

April 17

- 8:00am 5th Disaster Response Headquarters Meeting
- 1:30pm 6th Disaster Response Headquarters Meeting

April 18

- 9:00am 7th Disaster Response Headquarters Meeting

April 19

- 9:00am 8th Disaster Response Headquarters Meeting

April 20

- 9:00am 9th Disaster Response Headquarters Meeting

April 21

- 8:00am 10th Disaster Response Headquarters Meeting

April 22

- 9:00am 11th Disaster Response Headquarters Meeting

April 25

- 9:00am 12th Disaster Response Headquarters Meeting

April 26

9:00 am 1st Disaster Response Meeting

April 27

9:00 am 2nd Disaster Response Meeting

Assistance from Other Organizations

○Cooperative Framework with Liaison Organizations (Other entities who have deployed staff to disaster sites)

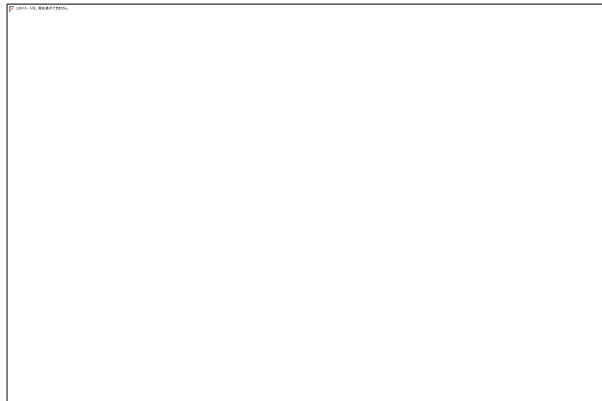
▪ Oita Prefecture Central Promotion Bureau Union

▪ Oita Central Police Department

▪ Ministry of Land, Infrastructure and Transport – Oita Office of Rivers and National Highways

▪ Japan Self Defense Force Oita Provincial Cooperation Office

▪ Japan Ground Self Defense Force 41st Infantry Regiment (4th Company)



Related Links:

▪ Oita Prefectural Government (Oita Disaster Prevention Portal)

<http://www.pref.oita.jp/site/bosaiportal/>

▪ Kumamoto Prefecture <http://www.pref.kumamoto.jp/Default.aspx>

▪ Kumamoto City <http://www.city.kumamoto.jp/>

▪ Ministry of Land, Infrastructure and Transport – Oita Office of Rivers and National Highways <http://www.qsr.mlit.go.jp/oita/>

▪ Japan Road Traffic Information Center <http://www.jartic.or.jp/>

• West Nippon Expressway Company (NEXCO West Nippon) <http://www.w-nexco.co.jp/>