

Tsunami Information (Tsunami Observation)

This is a Tsunami Information issued in the past

Occurred at 14:46 JST 11 Mar 2011

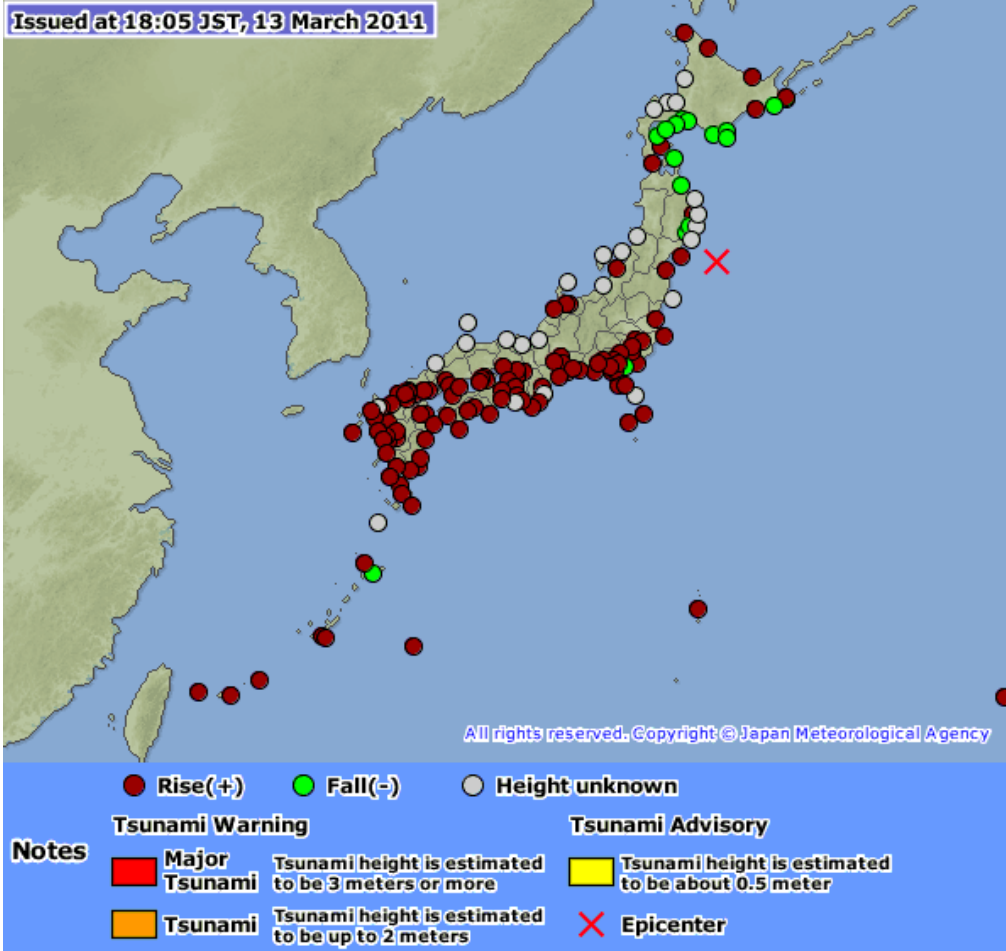
Region name Sanriku Oki

Depth about 20km

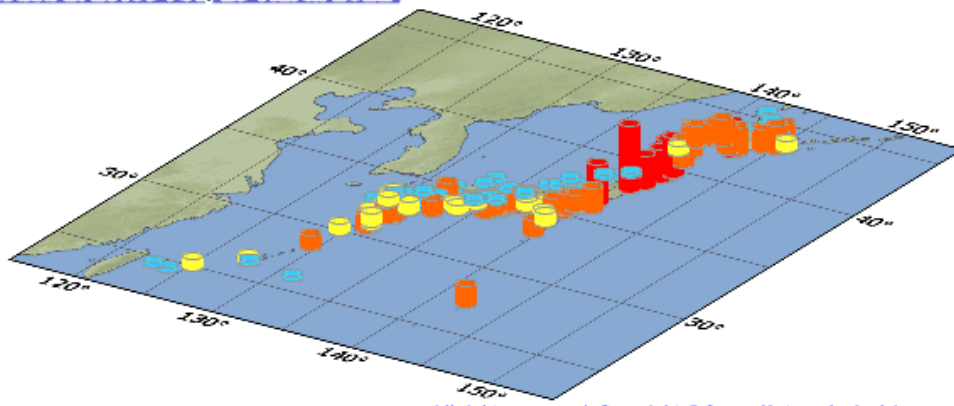
Magnitude 9.0

Initial Tsunami Observation

Issued at 18:05 JST, 13 March 2011



Maximum Tsunami Observation

Issued at 18:05 JST, 13 March 2011**Notes**

less than 0.5meter

less than 1meter

less than 3meters

3meters or more

**Tsunami Information NUMBER 64
(Tsunami Observations)**

Issued at 18:05 JST 13 Mar 2011

Tsunami Observations

As of 18:00 JST

At some parts of the coasts, tsunamis may be higher than those observed at the observation sites.

Kushiro	Initial Tsunami	15:34 JST 11 Mar	(+)	2.0m
	Maximum Tsunami	23:39 JST 11 Mar		2.1m
Nemuro-shi Hanasaki	Initial Tsunami	15:34 JST 11 Mar	(-)	Slight
	Maximum Tsunami	15:57 JST 11 Mar		2.8m
Nemuro-ko	Initial Tsunami	16:08 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	00:03 JST 12 Mar		0.7m
Hamanaka-cho Kiritappu-ko	Initial Tsunami	15:27 JST 11 Mar	(-)	Slight
	Maximum Tsunami	22:19 JST 11 Mar		2.6m
Urakawa	Initial Tsunami	15:19 JST 11 Mar	(-)	0.2m
	Maximum Tsunami	16:42 JST 11 Mar		2.7m
Tokachi-ko	Initial Tsunami	15:26 JST 11 Mar	(-)	0.2m
	Maximum Tsunami	15:57 JST 11 Mar		2.8m or more
Erimo-cho Shoya	Initial Tsunami	15:18 JST 11 Mar	(-)	0.1m
	Maximum Tsunami	15:44 JST 11 Mar		3.5m
Hakodate	Initial Tsunami	16:11 JST 11 Mar	(+)	1.9m
	Maximum Tsunami	23:35 JST 11 Mar		2.4m

Tomakomai-nishiko	Initial Tsunami	15:37 JST 11 Mar	(-)	0.2m
	Maximum Tsunami	17:30 JST 11 Mar		2.1m
Tomakomai-higashiko	Initial Tsunami	15:40 JST 11 Mar	(-)	0.2m
	Maximum Tsunami	16:17 JST 11 Mar		2.5m or more
Shiraoi-ko	Initial Tsunami	15:40 JST 11 Mar	(-)	0.1m
	Maximum Tsunami	16:01 JST 11 Mar		1.8m
Oshima Mori-ko	Initial Tsunami	15:56 JST 11 Mar	(-)	Slight
	Maximum Tsunami	19:37 JST 11 Mar		1.8m
Muroran-ko	Initial Tsunami	15:56 JST 11 Mar	(-)	Slight
	Maximum Tsunami	20:06 JST 11 Mar		1.0m
Wakkanai	Initial Tsunami	18:43 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	02:23 JST 12 Mar		0.4m
Rumoi	Initial Tsunami			(*3)
	Maximum Tsunami	05:33 JST 12 Mar		0.3m
Otaru	Initial Tsunami			(*3)
	Maximum Tsunami	03:25 JST 12 Mar		0.3m
Ishikariwan-shinko	Initial Tsunami			(*3)
	Maximum Tsunami	01:07 JST 12 Mar		0.4m
Iwanai-ko	Initial Tsunami			(*3)
	Maximum Tsunami	02:23 JST 12 Mar		0.3m
Abashiri	Initial Tsunami	17:02 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	02:32 JST 12 Mar		0.3m
Esashi-ko	Initial Tsunami	17:45 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	23:36 JST 11 Mar		0.4m
Tappi	Initial Tsunami	16:09 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	16:32 JST 11 Mar		0.5m
Hachinohe	Initial Tsunami	15:22 JST 11 Mar	(-)	0.8m
	Maximum Tsunami	16:51 JST 11 Mar		2.7m or more
Mutsu-shi Sekinehama	Initial Tsunami	15:20 JST 11 Mar	(-)	0.1m
	Maximum Tsunami	18:16 JST 11 Mar		2.9m
Miyako	Initial Tsunami	14:48 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	15:21 JST 11 Mar		4.0m or more

		15:21 JST 11 Mar		4.0m or more
Ofunato	Tsunami Initial	14:46 JST 11 Mar	(-)	0.2m
	Tsunami Maximum	15:15 JST 11 Mar		3.2m or more
	Tsunami Initial	14:45 JST 11 Mar	(-)	0.1m
Kamaishi	Tsunami Maximum	15:21 JST 11 Mar		4.1m or more
	Tsunami Initial	14:50 JST 11 Mar		Unknown
	Tsunami Maximum			(*4)
Iwate Kamaishi-oki	Tsunami Initial	14:50 JST 11 Mar		Unknown
	Tsunami Maximum			(*4)
	Tsunami Initial	14:56 JST 11 Mar		Unknown
Iwate Kuji-oki	Tsunami Maximum			(*4)
	Tsunami Initial	14:46 JST 11 Mar	(+)	0.1m
	Tsunami Maximum	15:20 JST 11 Mar		3.3m or more
Ishinomaki-shi Ayukawa	Tsunami Initial	14:54 JST 11 Mar		Unknown
	Tsunami Maximum			(*4)
	Tsunami Initial			(*3)
Sakata	Tsunami Maximum	00:55 JST 12 Mar		0.4m
	Tsunami Initial	14:55 JST 11 Mar	(+)	0.3m
	Tsunami Maximum	15:50 JST 11 Mar		7.3m or more
Soma	Tsunami Initial	14:52 JST 11 Mar		Unknown
	Tsunami Maximum			(*4)
	Tsunami Initial	15:15 JST 11 Mar	(+)	1.8m
Fukushima Onahama-oki	Tsunami Maximum	16:52 JST 11 Mar		4.2m
	Tsunami Initial	15:13 JST 11 Mar	(+)	0.5m
	Tsunami Maximum	17:22 JST 11 Mar		2.4m
Choshi	Tsunami Initial	15:29 JST 11 Mar	(+)	1.3m
	Tsunami Maximum	17:05 JST 11 Mar		1.6m
	Tsunami Initial	16:37 JST 11 Mar	(+)	0.8m
Tateyama-shi Mera	Tsunami Maximum	19:15 JST 11 Mar		1.3m
	Tsunami Initial	15:52 JST 11 Mar	(+)	0.9m
	Tsunami Maximum	17:16 JST 11 Mar		1.6m
Tokyo Harumi	Tsunami Initial	16:38 JST 11 Mar	(+)	0.7m
	Tsunami Maximum			
	Tsunami Initial			
Yokosuka	Tsunami Maximum			
	Tsunami Initial			
	Tsunami Maximum			
Chiba	Tsunami Initial			
	Tsunami Maximum			
	Tsunami Initial			

	Maximum Tsunami	18:18 JST 11 Mar		0.9m
Yokohama	Initial Tsunami	16:09 JST 11 Mar	(+)	0.8m
	Maximum Tsunami	17:37 JST 11 Mar		1.6m
	Initial Tsunami	14:52 JST 11 Mar	(-)	0.3m
Izu-oshima Okada	Maximum Tsunami	15:49 JST 11 Mar		0.7m
	Initial Tsunami	15:26 JST 11 Mar		Unknown
	Maximum Tsunami	15:34 JST 11 Mar		0.8m
Hachijojima Yaene	Initial Tsunami	15:40 JST 11 Mar	(+)	1.4m
	Maximum Tsunami	15:48 JST 11 Mar		1.4m
	Initial Tsunami	15:40 JST 11 Mar	(+)	0.4m
Kozushima Kozushima-ko	Maximum Tsunami	00:30 JST 12 Mar		0.8m
	Initial Tsunami	15:27 JST 11 Mar	(+)	0.6m
	Maximum Tsunami	15:39 JST 11 Mar		0.6m
Hachijojima Kaminato	Initial Tsunami	15:35 JST 11 Mar	(+)	1.2m
	Maximum Tsunami	15:45 JST 11 Mar		1.2m
	Initial Tsunami	16:14 JST 11 Mar	(+)	1.0m
Chichijima Futami	Maximum Tsunami	16:46 JST 11 Mar		1.8m
	Initial Tsunami	16:51 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	16:55 JST 11 Mar		0.5m
Odawara	Initial Tsunami	15:33 JST 11 Mar	(+)	0.9m
	Maximum Tsunami	15:48 JST 11 Mar		0.9m
	Initial Tsunami	18:02 JST 11 Mar	(+)	0.1m
Niigata	Maximum Tsunami	04:54 JST 12 Mar		0.2m
	Initial Tsunami			(*3)
	Maximum Tsunami	21:05 JST 11 Mar		0.1m
Awashima	Initial Tsunami			(*3)
	Maximum Tsunami	22:19 JST 11 Mar		0.1m
	Initial Tsunami			(*3)
Sado-shi Washizaki	Maximum Tsunami	00:56 JST 12 Mar		Slight
	Initial Tsunami	20:55 JST 11 Mar	(+)	Slight
	Maximum Tsunami	22:37 JST 11 Mar		0.1m
Toyama	Initial Tsunami	21:02 JST 11 Mar	(+)	0.1m
Fushiki Toyama-ko Shinminato	Initial Tsunami	21:02 JST 11 Mar	(+)	0.1m

Suzu-shi Nagahashi	Maximum Tsunami	22:39 JST 11 Mar		0.1m
	Initial Tsunami			(*3)
Kanazawa	Maximum Tsunami	23:25 JST 11 Mar		0.1m
	Initial Tsunami	21:56 JST 11 Mar	(+)	0.1m
Tsuruga-ko	Maximum Tsunami	12:54 JST 12 Mar		0.2m
	Initial Tsunami			(*3)
Numazu-shi Uchiura	Maximum Tsunami	13:58 JST 13 Mar		0.3m
	Initial Tsunami	16:01 JST 11 Mar	(+)	1.4m
Shimizu	Maximum Tsunami	16:16 JST 11 Mar		1.4m
	Initial Tsunami	15:58 JST 11 Mar	(+)	0.9m
Minami-izu-cho Irozaki	Maximum Tsunami	16:17 JST 11 Mar		0.9m
	Initial Tsunami	15:43 JST 11 Mar	(+)	0.2m
Omaezaki	Maximum Tsunami	15:56 JST 11 Mar		0.8m
	Initial Tsunami	16:03 JST 11 Mar	(+)	1.0m
Maisaka	Maximum Tsunami	17:18 JST 11 Mar		1.4m
	Initial Tsunami	16:12 JST 11 Mar	(+)	0.7m
Shimoda-ko	Maximum Tsunami	17:37 JST 11 Mar		0.8m
	Initial Tsunami	15:41 JST 11 Mar	(+)	0.7m
Ito	Maximum Tsunami	22:55 JST 11 Mar		0.8m
	Initial Tsunami	15:30 JST 11 Mar	(+)	0.1m
Nishiizu-cho Tago	Maximum Tsunami	15:52 JST 11 Mar		0.7m
	Initial Tsunami	15:55 JST 11 Mar	(+)	0.4m
Yaizu	Maximum Tsunami	16:18 JST 11 Mar		0.4m
	Initial Tsunami	15:58 JST 11 Mar	(+)	0.8m
Tahara-shi Akabane	Maximum Tsunami	16:10 JST 11 Mar		0.8m
	Initial Tsunami	16:21 JST 11 Mar	(+)	1.1m
Nagoya	Maximum Tsunami	17:32 JST 11 Mar		1.6m
	Initial Tsunami	17:43 JST 11 Mar	(+)	0.7m
Handa-shi Kinuura	Maximum Tsunami	19:36 JST 11 Mar		1.0m
	Initial Tsunami	17:18 JST 11 Mar	(+)	0.5m
Yokkaichi	Maximum Tsunami	21:35 JST 11 Mar		0.7m
	Initial Tsunami	17:20 JST 11 Mar	(+)	0.4m

Tokkai-cho	Tsunami	17:20 JST 11 Mar	(+)	0.4m
	Maximum	20:13 JST 11 Mar		0.5m
Toyohashi-shi	Tsunami			
Mikawa-ko	Initial	17:17 JST 11 Mar	(+)	0.4m
	Tsunami			
	Maximum	20:15 JST 11 Mar		0.6m
	Tsunami			
Toba	Initial	16:34 JST 11 Mar	(+)	0.5m
	Tsunami			
	Maximum	19:13 JST 11 Mar		1.8m
	Tsunami			
Owase	Initial	16:17 JST 11 Mar	(+)	1.0m
	Tsunami			
	Maximum	17:12 JST 11 Mar		1.7m
	Tsunami			
Kumano-shi Yuki	Initial	16:12 JST 11 Mar	(+)	0.7m
	Tsunami			
	Maximum	16:28 JST 11 Mar		0.7m
	Tsunami			
Mie Owase-oki	Initial	16:07 JST 11 Mar		Unknown
	Tsunami			
	Maximum			(*4)
	Tsunami			
Maizuru	Initial			(*3)
	Tsunami			
	Maximum	11:40 JST 13 Mar		0.3m
	Tsunami			
Osaka Tempozan	Initial	18:20 JST 11 Mar	(+)	0.5m
	Tsunami			
	Maximum	21:02 JST 11 Mar		0.6m
	Tsunami			
Misaki-cho Tannowa	Initial	17:30 JST 11 Mar	(+)	0.2m
	Tsunami			
	Maximum	17:59 JST 11 Mar		0.2m
	Tsunami			
Toyooka-shi	Initial			(*3)
Tsuiyama	Tsunami			
	Maximum	01:03 JST 12 Mar		Slight
	Tsunami			
Kobe	Initial	17:56 JST 11 Mar	(+)	0.3m
	Tsunami			
	Maximum	03:19 JST 12 Mar		0.3m
	Tsunami			
Himeji	Initial	18:30 JST 11 Mar	(+)	0.1m
	Tsunami			
	Maximum	20:46 JST 11 Mar		0.2m
	Tsunami			
Sumoto	Initial	17:20 JST 11 Mar	(+)	0.2m
	Tsunami			
	Maximum	17:37 JST 11 Mar		0.2m
	Tsunami			
Nachi-katsuura-cho	Initial	16:14 JST 11 Mar	(+)	0.9m
Uragami	Tsunami			
	Maximum	18:06 JST 11 Mar		1.3m
	Tsunami			
Kushimoto-cho	Initial	16:16 JST 11 Mar	(+)	0.7m
Fukuro-ko	Tsunami			
	Maximum	01:32 JST 12 Mar		1.4m
	Tsunami			
Wakayama	Initial	17:13 JST 11 Mar	(+)	0.6m
	Tsunami			
	Maximum	19:35 JST 11 Mar		0.7m
	Tsunami			
	Initial			

Gobo-shi Haraido	Initial Tsunami	16:35 JST 11 Mar	(+)	0.7m
	Maximum Tsunami	17:57 JST 11 Mar		1.1m
Shirahama-cho Katata	Initial Tsunami	16:34 JST 11 Mar	(+)	0.9m
	Maximum Tsunami	00:35 JST 12 Mar		1.0m
Wakayama Shirahama-oki	Initial Tsunami	16:25 JST 11 Mar		Unknown
	Maximum Tsunami			(*4)
Sakaimitato-shi Sakai	Initial Tsunami			(*3)
	Maximum Tsunami	05:03 JST 12 Mar		0.3m
Hamada	Initial Tsunami			(*3)
	Maximum Tsunami	07:53 JST 12 Mar		0.1m
Oki Saigo	Initial Tsunami			(*3)
	Maximum Tsunami	04:06 JST 12 Mar		0.1m
Tamano-shi Uno	Initial Tsunami	18:29 JST 11 Mar	(+)	Slight
	Maximum Tsunami	20:01 JST 11 Mar		0.1m
Hiroshima	Initial Tsunami	19:28 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	20:11 JST 11 Mar		0.3m
Kure	Initial Tsunami	19:43 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	20:37 JST 11 Mar		0.3m
Komatsushima	Initial Tsunami	17:03 JST 11 Mar	(+)	0.7m
	Maximum Tsunami	19:50 JST 11 Mar		0.7m
Tokushima Yuki	Initial Tsunami	16:37 JST 11 Mar	(+)	1.0m
	Maximum Tsunami	20:27 JST 11 Mar		1.1m
Takamatsu	Initial Tsunami	18:20 JST 11 Mar	(+)	Slight
	Maximum Tsunami	19:41 JST 11 Mar		0.2m
Sakaide-shi Yoshima-ko	Initial Tsunami	19:38 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	13:33 JST 12 Mar		0.2m
Tadotsu-ko	Initial Tsunami	19:56 JST 11 Mar	(+)	Slight
	Maximum Tsunami	11:25 JST 12 Mar		0.2m
Uwajima	Initial Tsunami	17:42 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	07:10 JST 12 Mar		0.6m
Matsuyama	Initial Tsunami	18:43 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	23:30 JST 11 Mar		0.2m

Imabari-shi Oshima	Initial Tsunami	19:28 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	11:40 JST 12 Mar		0.1m
Muroto-shi Muroto-misaki	Initial Tsunami	16:39 JST 11 Mar	(+)	0.4m
	Maximum Tsunami	04:42 JST 12 Mar		0.6m
Kochi	Initial Tsunami	16:56 JST 11 Mar	(+)	0.6m
	Maximum Tsunami	21:26 JST 11 Mar		0.6m
Tosa-shimizu	Initial Tsunami	16:56 JST 11 Mar	(+)	0.9m
	Maximum Tsunami	01:58 JST 12 Mar		1.3m
Susaki-ko	Initial Tsunami	17:00 JST 11 Mar	(+)	1.4m
	Maximum Tsunami	20:59 JST 11 Mar		2.6m
Shimonoseki-shi Haedomari-ko	Initial Tsunami	20:28 JST 11 Mar	(+)	Slight
	Maximum Tsunami	03:25 JST 12 Mar		0.1m
Shimonoseki-shi Hikoshima-deshimatsu	Initial Tsunami	19:22 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	23:09 JST 11 Mar		0.4m
Tokuyama	Initial Tsunami	18:41 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	08:06 JST 12 Mar		0.4m
Ube-ko	Initial Tsunami	19:08 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	09:14 JST 12 Mar		0.3m
Mitajiri Nakanoseki-ko	Initial Tsunami	18:42 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	23:39 JST 11 Mar		0.2m
Shimonoseki-ko Chofu	Initial Tsunami	19:33 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	23:00 JST 11 Mar		0.4m
Kitakyushu-shi Moji	Initial Tsunami	19:46 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	23:10 JST 11 Mar		0.4m
Kanda-ko	Initial Tsunami	19:26 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	20:16 JST 11 Mar		0.3m
Kitakyushu-ko Aohama	Initial Tsunami	19:21 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	23:04 JST 11 Mar		0.4m
Fukuoka-shi Hakata	Initial Tsunami	21:06 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	02:12 JST 12 Mar		0.3m
Kitakyushu-ko Hiagari	Initial Tsunami	20:06 JST 11 Mar	(+)	Slight
	Maximum Tsunami			

	Maximum Tsunami	23:10 JST 11 Mar		0.2m
Tara-cho Ouranozaki	Initial Tsunami	19:32 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	08:00 JST 12 Mar		0.2m
Misumi	Initial Tsunami	19:24 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	06:47 JST 12 Mar		0.1m
Yatsushiro-ko	Initial Tsunami	19:49 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	20:17 JST 12 Mar		0.3m
Amakusa-shi Hondo-ko	Initial Tsunami	19:08 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	21:05 JST 11 Mar		0.8m
Kumamoto-ko	Initial Tsunami	19:41 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	22:30 JST 11 Mar		0.1m
Karatsu-ko	Initial Tsunami	20:43 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	05:15 JST 12 Mar		0.2m
Genkai-cho Kariya	Initial Tsunami			(*3)
	Maximum Tsunami	05:31 JST 12 Mar		0.3m
Nagasaki	Initial Tsunami	18:55 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	21:20 JST 11 Mar		0.8m
Kuchinotsu	Initial Tsunami	18:52 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	10:07 JST 12 Mar		0.2m
Fukuejima Fukue-ko	Initial Tsunami	18:45 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	04:58 JST 12 Mar		0.3m
Sasebo	Initial Tsunami	19:32 JST 11 Mar	(+)	0.4m
	Maximum Tsunami	21:52 JST 11 Mar		0.7m
Nagasaki-ko Kougo	Initial Tsunami	18:49 JST 11 Mar	(+)	0.4m
	Maximum Tsunami	21:22 JST 11 Mar		0.6m
Hirado-shi Tabira-ko	Initial Tsunami	19:36 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	21:56 JST 11 Mar		0.3m
Reihoku-machi Tororo	Initial Tsunami	18:43 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	03:12 JST 12 Mar		0.3m
Oita	Initial Tsunami	17:49 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	22:29 JST 11 Mar		0.4m
Beppu-ko	Initial Tsunami	17:59 JST 11 Mar	(+)	0.3m

	Maximum Tsunami	22:17 JST 11 Mar		0.5m
Saiki-shi Matsuura	Initial Tsunami	17:22 JST 11 Mar	(+)	0.4m
	Maximum Tsunami	17:41 JST 11 Mar		0.4m
Hyuga-shi Hososhima	Initial Tsunami	16:54 JST 11 Mar	(+)	0.8m
	Maximum Tsunami	21:47 JST 11 Mar		0.9m
Nichinan-shi Aburatsu	Initial Tsunami	17:05 JST 11 Mar	(+)	1.0m
	Maximum Tsunami	00:12 JST 12 Mar		1.1m
Miyazaki-ko	Initial Tsunami	17:06 JST 11 Mar	(+)	1.4m
	Maximum Tsunami	03:33 JST 12 Mar		1.6m
Minami-osumi-cho Odomari	Initial Tsunami	17:29 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	06:51 JST 12 Mar		0.9m
Shibushi-ko	Initial Tsunami	17:12 JST 11 Mar	(+)	1.1m
	Maximum Tsunami	17:39 JST 11 Mar		1.1m
Tanegashima Nishino-omote	Initial Tsunami	17:20 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	23:45 JST 11 Mar		0.8m
Tanegashima Kumano	Initial Tsunami	16:52 JST 11 Mar	(+)	0.8m
	Maximum Tsunami	03:23 JST 12 Mar		1.5m
Nakanoshima	Initial Tsunami			(*3)
	Maximum Tsunami	05:29 JST 12 Mar		0.7m
Amami-shi Kominato	Initial Tsunami	17:01 JST 11 Mar	(-)	0.1m
	Maximum Tsunami	01:48 JST 12 Mar		1.2m
Amami-shi Naze	Initial Tsunami	17:10 JST 11 Mar	(+)	0.4m
	Maximum Tsunami	01:21 JST 12 Mar		0.5m
Kagoshima	Initial Tsunami	18:19 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	04:47 JST 12 Mar		0.1m
Makurazaki	Initial Tsunami	17:55 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	02:28 JST 12 Mar		0.8m
Akune	Initial Tsunami	18:38 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	07:18 JST 12 Mar		0.5m
Naha	Initial Tsunami	18:03 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	21:12 JST 11 Mar		0.6m
Naraha-shi Azuma	Initial Tsunami	17:40 JST 11 Mar	(+)	0.3m

Nanjo-shi Azuma	Tsunami	17:49 JST 11 Mar	(+)	0.3m
	Maximum Tsunami	02:20 JST 12 Mar		0.4m
Minami-daito-gyoko	Initial Tsunami	17:11 JST 11 Mar	(+)	0.2m
	Maximum Tsunami	17:24 JST 11 Mar		0.2m
Yonagunijima Kubura	Initial Tsunami	18:34 JST 11 Mar	(+)	0.1m
	Maximum Tsunami	04:46 JST 12 Mar		0.2m
Ishigakijima Ishigaki-ko	Initial Tsunami	18:25 JST 11 Mar	(+)	Slight
	Maximum Tsunami	07:01 JST 12 Mar		0.3m
Miyakojima Hirara	Initial Tsunami	18:37 JST 11 Mar	(+)	0.5m
	Maximum Tsunami	19:34 JST 11 Mar		0.7m

*3 mark:Arrival of an initial tsunami has not been identified

*4 mark:The maximum tsunami will arrive from now on.

All tsunami warnings and advisories have been cancelled.

Pay attention when fishing, swimming, etc. at the above coasts as there may be still sea level changes there for the time being.

Earthquake Information

Occurred at 14:46 JST 11 Mar 2011
 Region name SANRIKU OKI
 Latitude 38.1N
 Longitude 142.9E
 Depth about 20km
 Magnitude 9.0

***** [Tsunami Observations of the GPS wave meter] *****

Iwate Kamaishi-oki*	Initial Tsunami	14:50 JST 11 Mar	-	0.3m
	Maximum Tsunami	15:12 JST 11 Mar		6.8m

At the coasts, tsunamis may be higher than those observed at the offshore sites.

** [Estimated Tsunami Arrival Time and Height of the GPS wave meter] **
 Estimated Tsunami Height at the coast as follows.

	Estimated Tsunami Arrival Time	Estimated Tsunami Height
Iwate Kamaishi-oki	14:55 - 15:10 JST 13 Mar	6m - 10 [^] 6m

At some parts of the coasts, tsunamis have been arrived.