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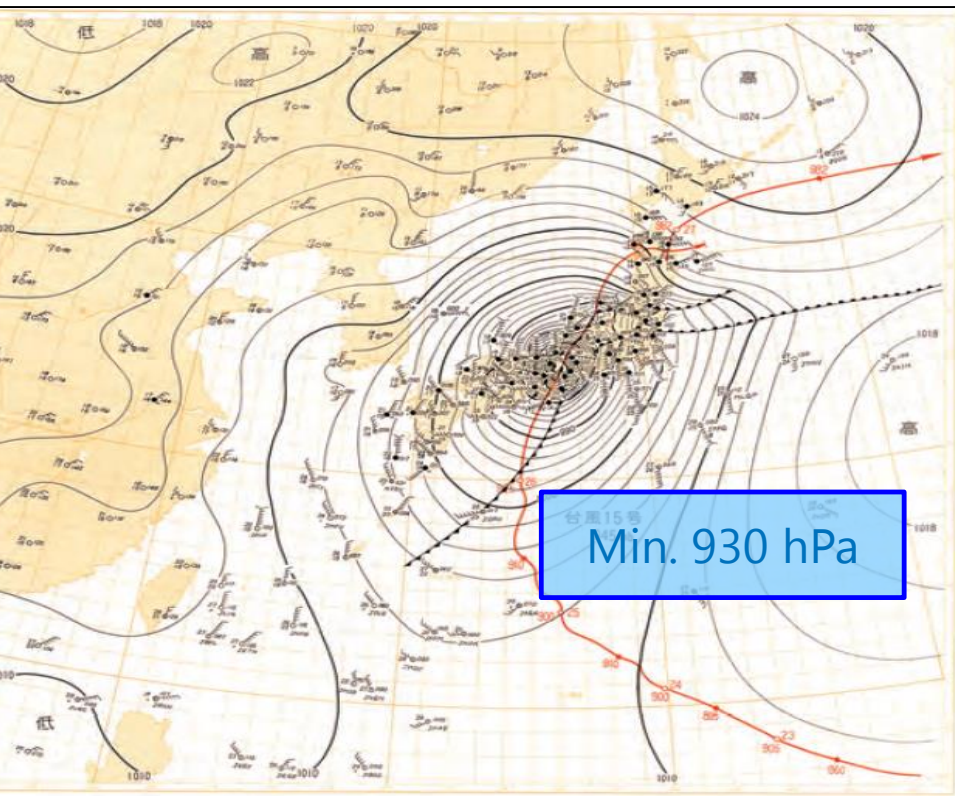
High Level Session, TC50  
February 28, Hanoi, Vietnam



# TY VERA (5915)

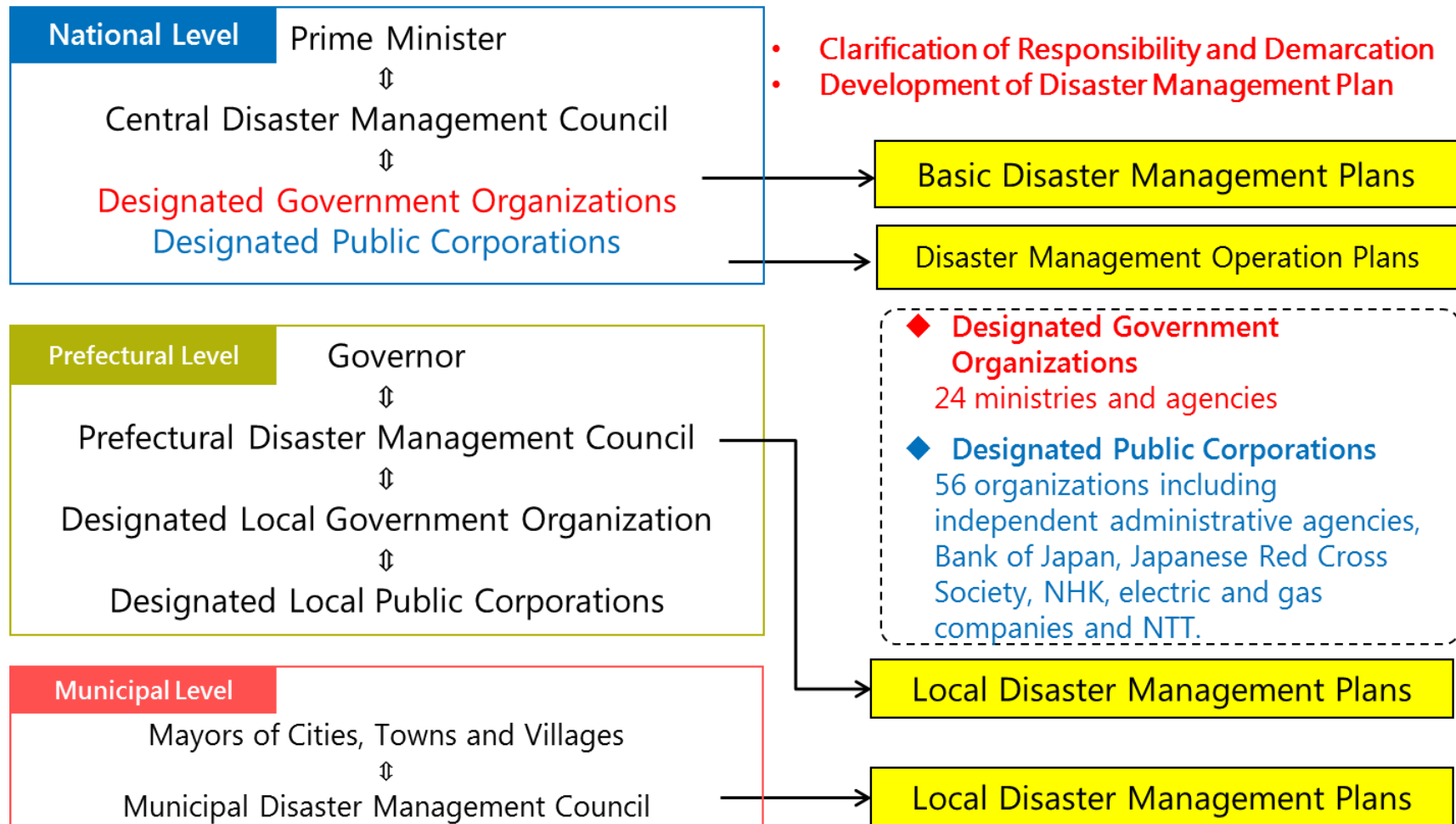
Landfall: 09UTC, 26 Sep, 1959

- Dead and Missing: 5098
- Injured persons: 38,921
- Submerged houses: 157,858



# Disaster Countermeasures Basic Act

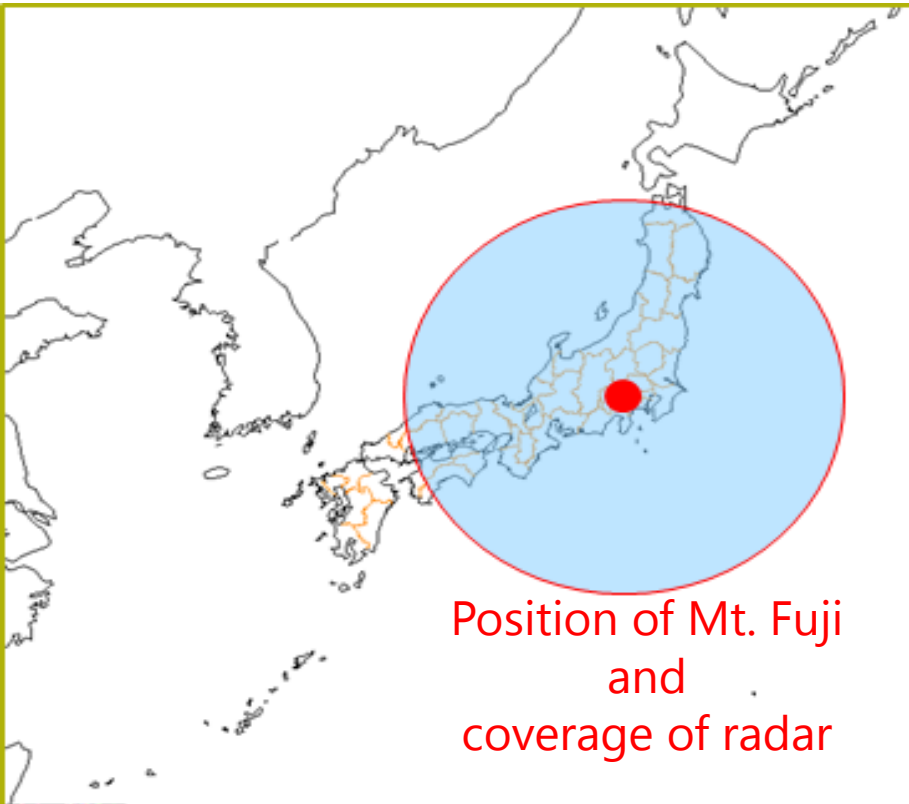
(Act No. 223 of 15 November 1961)



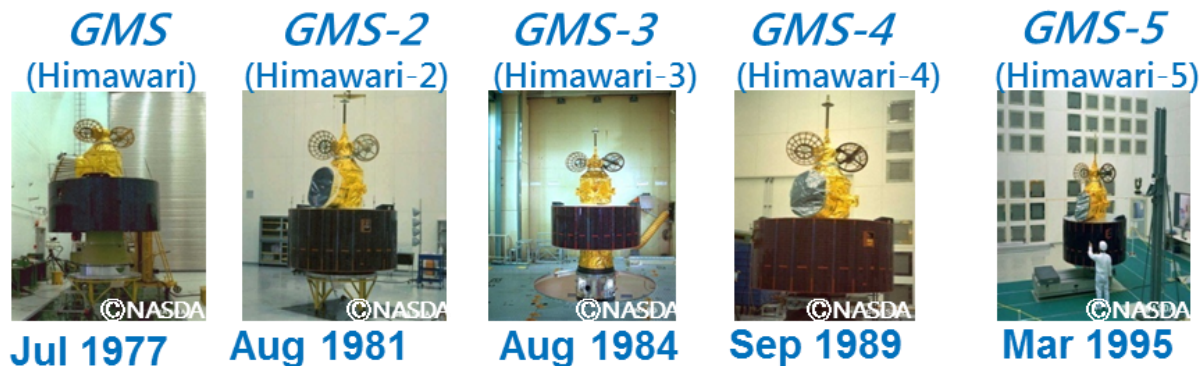


## Mt. Fuji Radar System

- Period : 1964 - 1999
- Altitude : 3776 m
- Coverage : 800 km (radius)



## *GMS (Geostationary Meteorological Satellite)*



(GOES-9)

Back-up operation of  
GMS-5 with GOES-9 by  
NOAA/NESDIS  
from May 22, 2003  
to June 28, 2005

## *MTSAT (Multi-functional Transport SATellite)*

*MTSAT-1R* (Himawari-6) *MTSAT-2* (Himawari-7)



*Himawari-8* *Himawari-9*  
*Himawari*

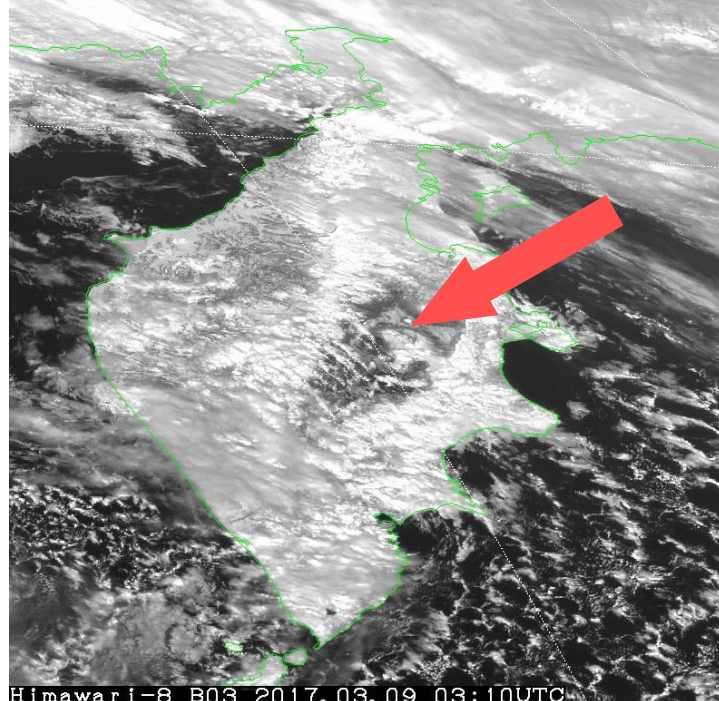


Satellite	Observation period
GMS	1978 – 1981
GMS-2	1981 – 1984
GMS-3	1984 – 1989
GMS-4	1989 – 1995
GMS-5	1995 – 2003
GOES-9	2003 – 2005
MTSAT-1R	2005 – 2010
MTSAT-2	2010 – 2015
Himawari-8	2015 – 2022
Himawari-9	2022 – 2029

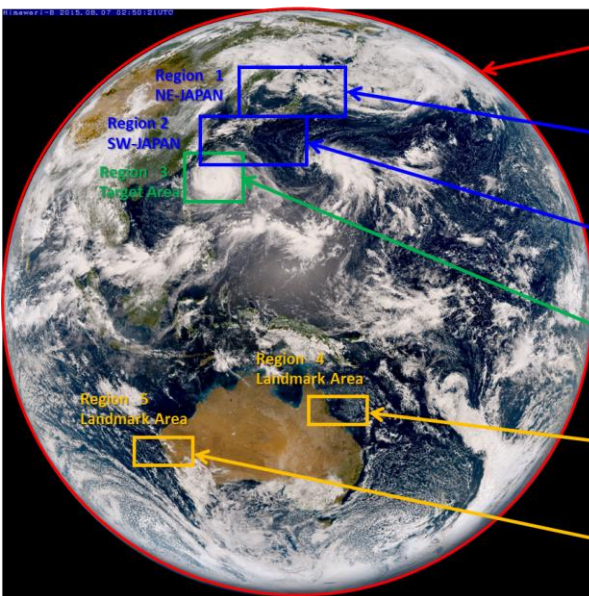


# HimawariRequest

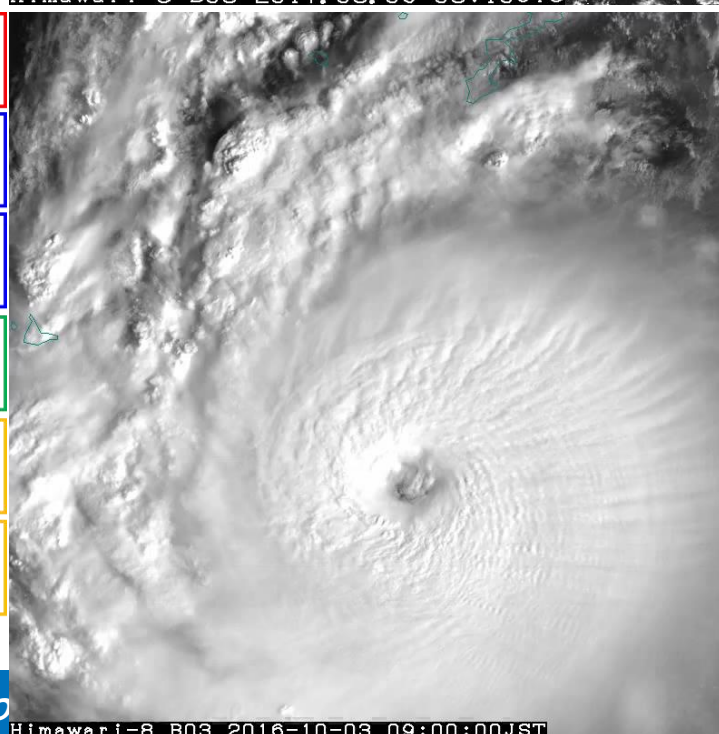
- New International Service
- Launched by JMA at Jan. 2018



Mt. Shiveluch  
in Kamchatka  
Peninsula,  
Band 03  
(0.64  $\mu\text{m}$ , visible)



<b>Full disk</b>
Interval: <b>10 minutes</b> (6 times per hour)
<b>Region 1 JAPAN (North-East)</b>
Interval: <b>2.5 minutes</b> (4 times in 10 min)
Dimension: EW x NS: 2000 x 1000 km
<b>Region 2 JAPAN (South-West)</b>
Interval: <b>2.5 minutes</b> (4 times in 10 min)
Dimension: EW x NS: 2000 x 1000 km
<b>Region 3 Target Area</b>
Interval: <b>2.5 minutes</b> (4 times in 10 min)
Dimension: EW x NS: 1000 x 1000 km
<b>Region 4 Landmark Area</b>
Interval: <b>0.5 minutes</b> (20 times in 10 min)
Dimension: EW x NS: 1000 x 500 km
<b>Region 5 Landmark Area</b>
Interval: <b>0.5 minutes</b> (20 times in 10 min)
Dimension: EW x NS: 1000 x 500 km



13, Oct. 2016  
Typhoon Chaba  
Band 03  
(0.64  $\mu\text{m}$ , visible)





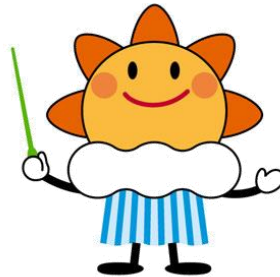
Photo courtesy of the Japan Coast Guard



# BOSAI-Awareness Society



# Thank you for your attention



Harerun

Toshihiko HASHIDA