An introduction to the new information sharing tool
- SATAID forums -

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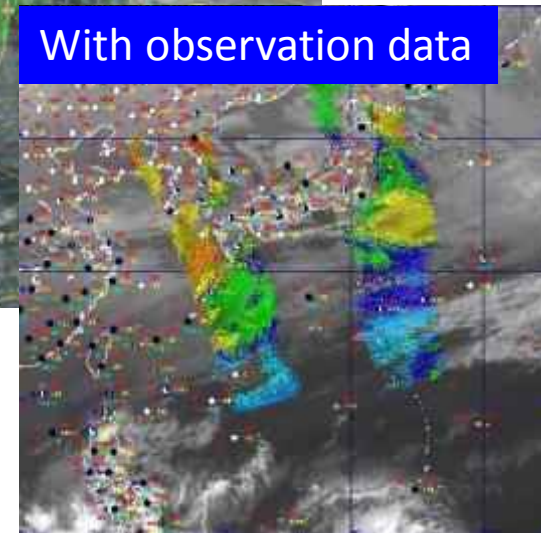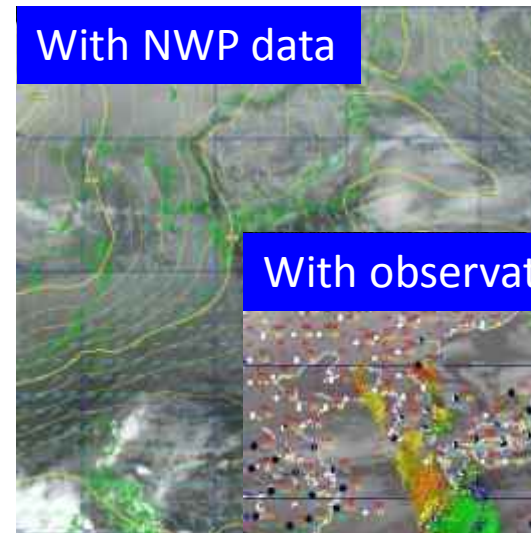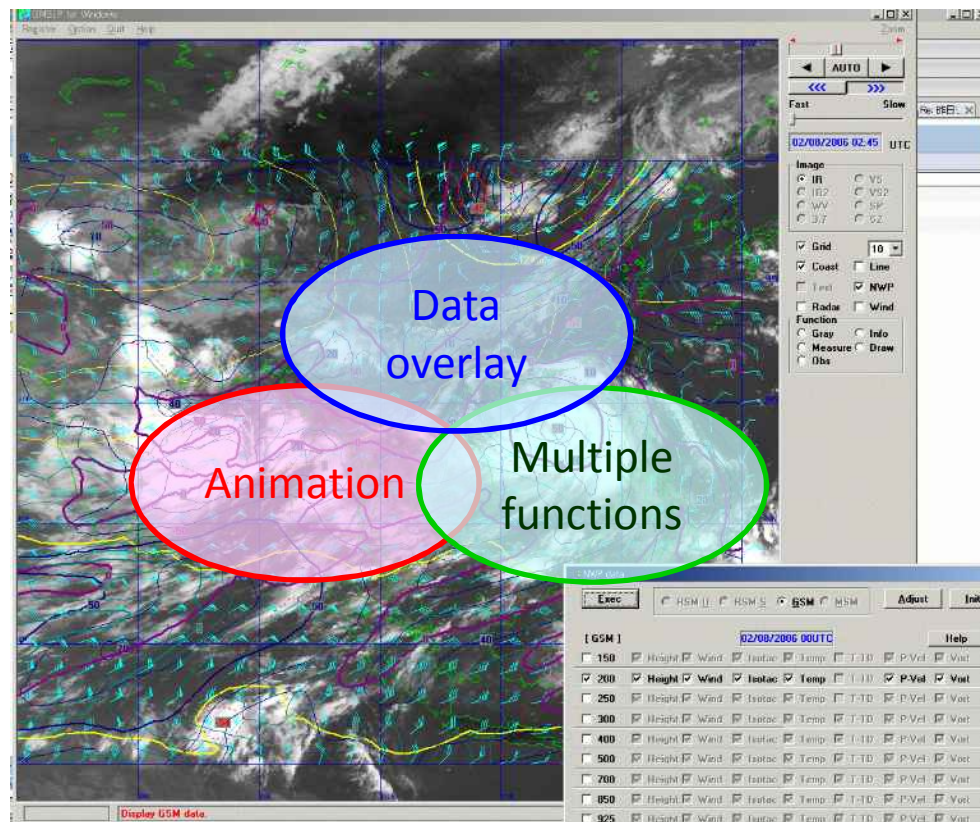
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1. What is SATAID?

What is SATAID? (Satellite Animation and Interactive Diagnosis)

SATAID is a sophisticated display program developed by the Meteorological Satellite Center of JMA, that enables the use of a wide range of meteorological data with satellite imagery. This program helps the forecasters to continually analyze and monitor weather parameters and phenomena for improved meteorological services.

Data overlay

Animation

Multiple functions

With NWP data

With observation data

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What is SATAID? – SATAID functions -

1. Displaying and Controlling Satellite image

- Selecting 7 Satellite images(VIS,IR etc)
  NC, NW,SC,SE,EC,WC,FD
- Controlling Satellite image animation
- Zooming in/out
- Displaying RGB images
- Displaying Coast/Grid lines

2. Displaying the NWP/observation data

- Displaying NWP/SST data
- Changing elements/colors
- Displaying SYNOP/SHIP/TEMP data
- Adjusting gradation and enhancing color
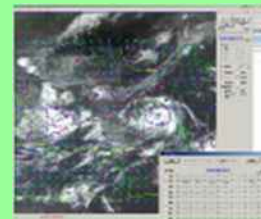
Temperature   Rain   Wind
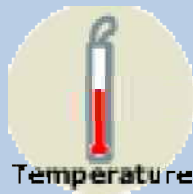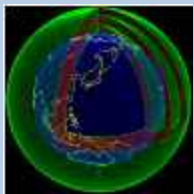
3. Data Evaluation

- Brightness temperature evaluation
- Cloud movement evaluation
- Time-series evaluation
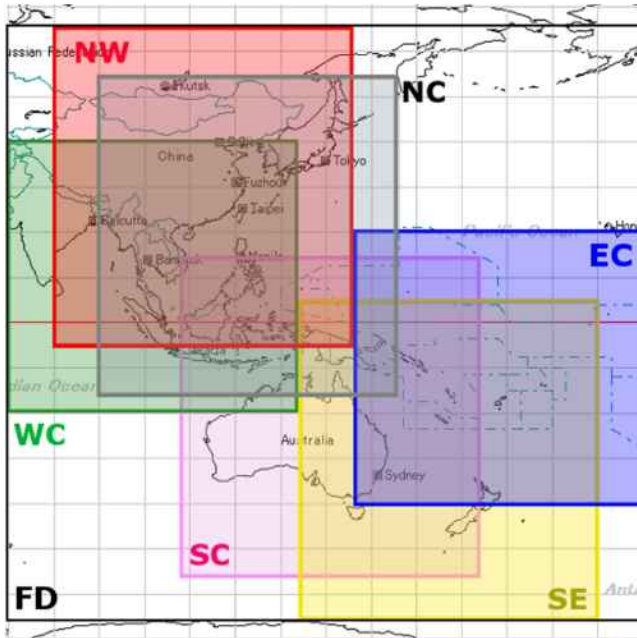- Cross-sectional evaluation
- Histograms
- Isolines

4. Other functions

- Save satellite images and observation data
- Put your analysis and comments using draw/edit function

It is useful
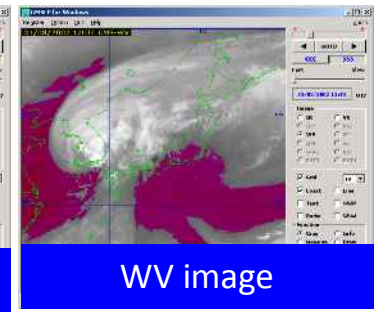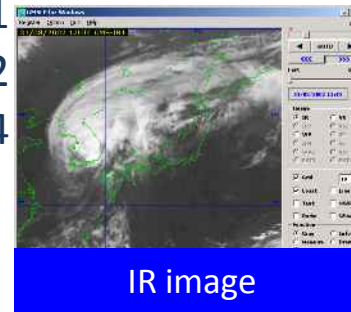
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What is SATAID? - Satellite images -

Data set of seven areas are provided in SATAID service. You can select area name from SATAID application menu bar when you download data.

Data of each area includes some channel data
1. Infrared channel – 1
2. Infrared channel – 2
3. Infrared channel – 4
4. Visible imagery
5. Water Vapor

IR image

WV image

| Abbr.	Area Name	Latitude	Longitude	Sum of Size
NC	North Central	55N-15S	90E-155E	2.3GB/3day
NW	Northwest	65N-5S	80E-145E	2.1GB/3day
SC	South Central	15N-55S	107.5E-172.5E	2.2GB/3day
SE	Southeast	6N-65S	135E-200E	2.1GB/3day
EC	East Central	20N-40S	145E-210E	1.9GB/3day
WC	West Central	40N-20S	70E-135E	2.0GB/3day
FD	Full Domain	65N-65S	70E-210E	9.7GB/3day

New areas

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What is SATAID? - Observation, NWP and RADAR -
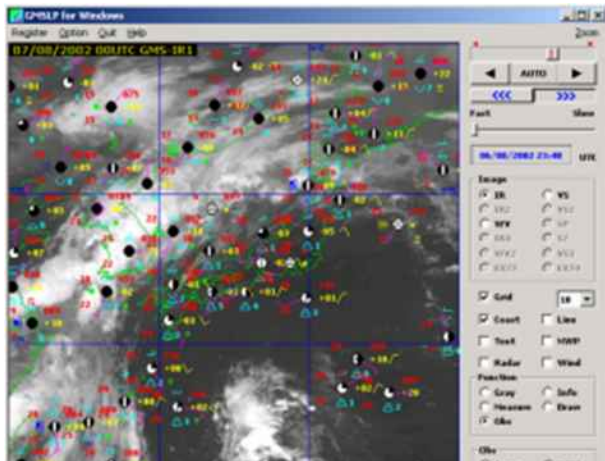
Example of displayed satellite image
- with observation data -
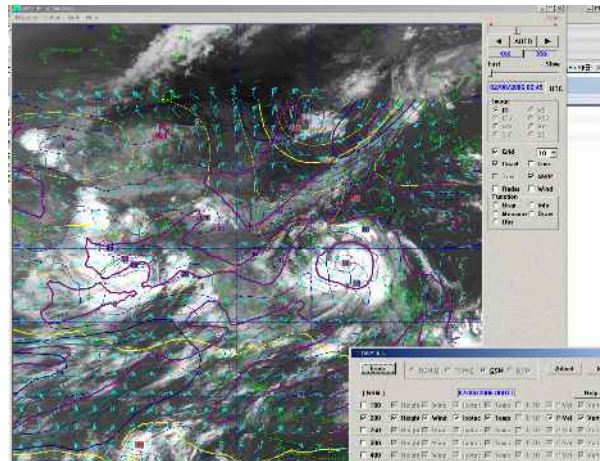
Example of displayed satellite image
- with NWP -
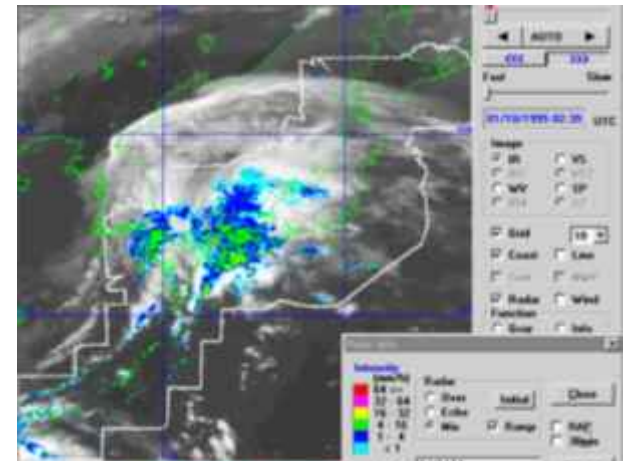
Example of displayed satellite image
– with RADAR -

Observation data		
SYNOP	Interval : hourly	
	120-160KB/file (map time), 40-70KB/file (other)	
SHIP	Interval : hourly	
	20-50KB/file	
TEMP (A,B)	Interval : Basically 12hour/day	
	120KB/file	
METAR	Interval : hourly	
	200-270KB/file	

NWP(Numerical Weather Prediction) Products	
Resolution	1.25 x 1.25 deg
Forecast hour	up to 48 hours
Initial time	00, 06, 12, 18 UTC
Interval	4 times/day (around 04, 10, 16, 22 UTC)
Size	4 MB/file
	15 MB/file (Full Domain)

If you want to get more information,
Please visit our web site.
http://www,wis-jma.go.jp/cms/sataid/

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2. Benefits of SATAID forum

Benefits of a discussion forum

The SATAID application comes in handy
when I analyze weather parameters/phenomena.

However, it has many functions.
How do I learn SATAID service/application?
Should I ask JMA by email? What else can I do?

Can I do anything for you?
We are developing the information sharing tool,
which is the online discussion forum.
You can access to it anytime/anywhere via the Internet.

Benefits of a discussion forum

1. Online learning
   Personal responses to forum topics are not limited in time or the length.
   Users have the freedom to continue dialogues about the topics that interested them most.

2. Flexibility and convenience
   SATAID forum is available at all times of day or night. It is accessible from the internet connection via world wide web.
   The forum discussion occurs completely online, users have the flexibility to add their input when they are prepared. Some choose to answer questions immediately.

3. Get different perspective
   Users can learn about the SATAID from a different perspective.

4. Make relationships
   Relationships can easily be made between users through active comments and posts.

Forum user can chose interesting topics, Of course you can post/read them.

In order to use the SATAID forum, You need to get forum ID and access to the Internet.

3. How to use SATAID forum?

How to use SATAID forum – How to log in -

SATAID forum

User ID Password

CAPTCHA Code

A CAPTCHA is a type of challenge response test used in computing to determine whether or not the user is human. please type the CAPTCHA code.
In this case, CAPTCHA code is "ESN9".

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How to use SATAID forum – SATAID forum menu -

About this forum
You can see information about SATAID forum

Email subscription service
Once you set up subscription service,
You can receive a notification email when someone posts comments/topics.

Room (discussion forum)
The forum helps answer users SATAID service and service questions with responses from other forum members around the world.
Of course, you can post/read many questions/answers about SATAID service.

How to use SATAID forum – How to set email subscription service -

When you want to receive a notification mail from SATAID forum, Please click "Subscribe Page"
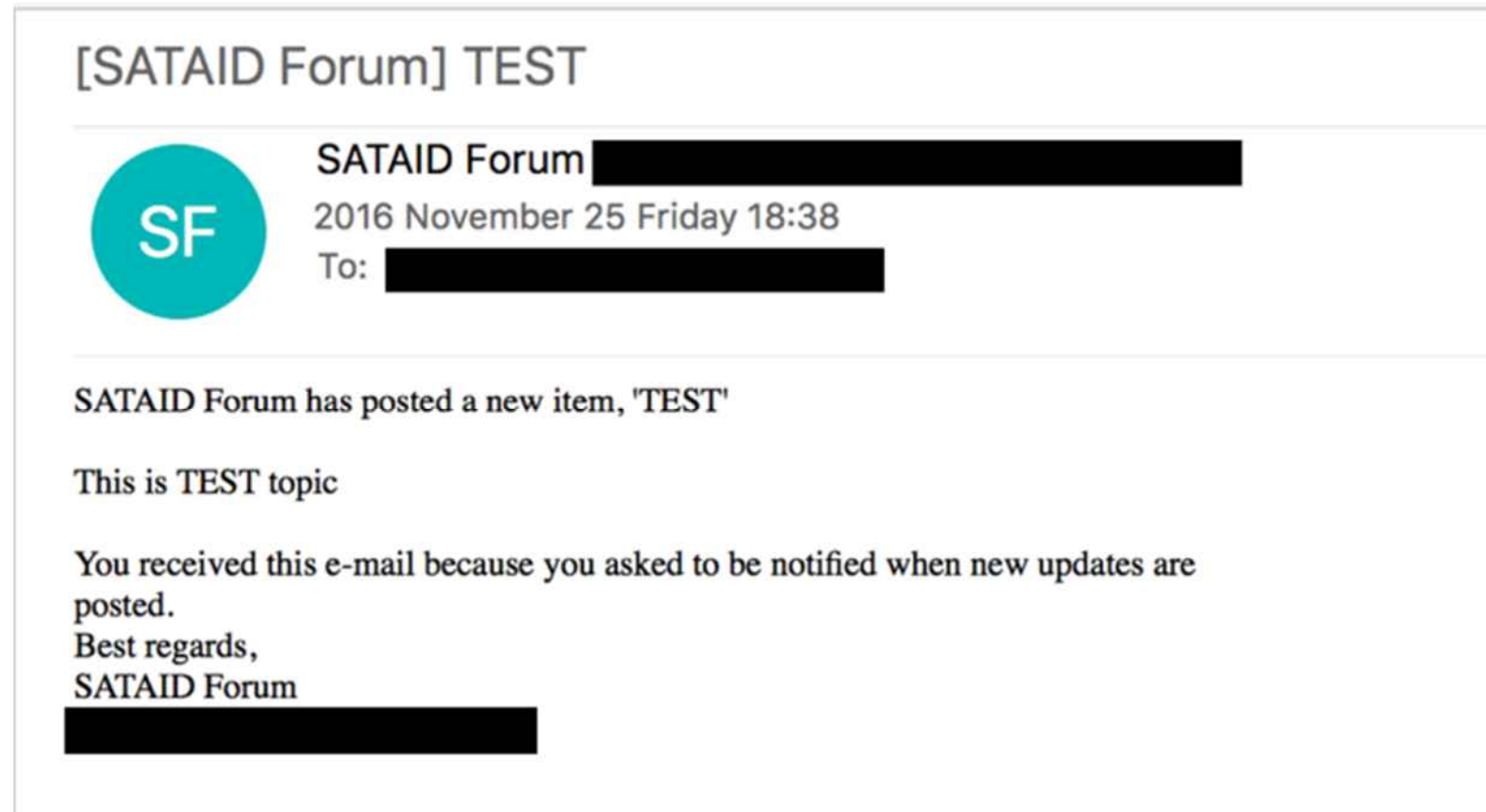
You can chose the notification email format

When you want to stop receiving the notification email, please click "Unsubscribe me from this blog" and "Update Preferences"

Please click "Subscribe categories" button or categories which you want to subscribe After that click "Update Preferences" button

How to use SATAID forum – How to set email subscription service -

This is an example of SATAID notification mail

[SATAID Forum] TEST

SF

SATAID Forum
2016 November 25 Friday 18:38
To:

SATAID Forum has posted a new item, 'TEST'

This is TEST topic

You received this e-mail because you asked to be notified when new updates are posted.
Best regards,
SATAID Forum

How to use SATAID forum – How to write/read topics -

When you want to post/read topics, please click "Room".
Please select topics which you want to see.

How to use SATAID forum – How to write/read topics -

Please type title and messages

<notice>
Maximum file size is 512KB and you can attach up to 4 files.

How to use SATAID forum – How to write/read topics -

Please type messages

\<notice\>
Maximum file size is 512KB and you can attach up to 4 files.

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Summary

- JMA will provide an online discussion forum to the SATAID users via the Internet.

- It is under development. We have not decided when the forum will open.

- We are planning to allow current GISC Tokyo users to use this forum.

- We will inform GISC Tokyo users about SATAID forum, when we are ready.

<div style="border: 2px solid red; color: red;">

SATAID forum is coming soon

</div>

Thank you for your time