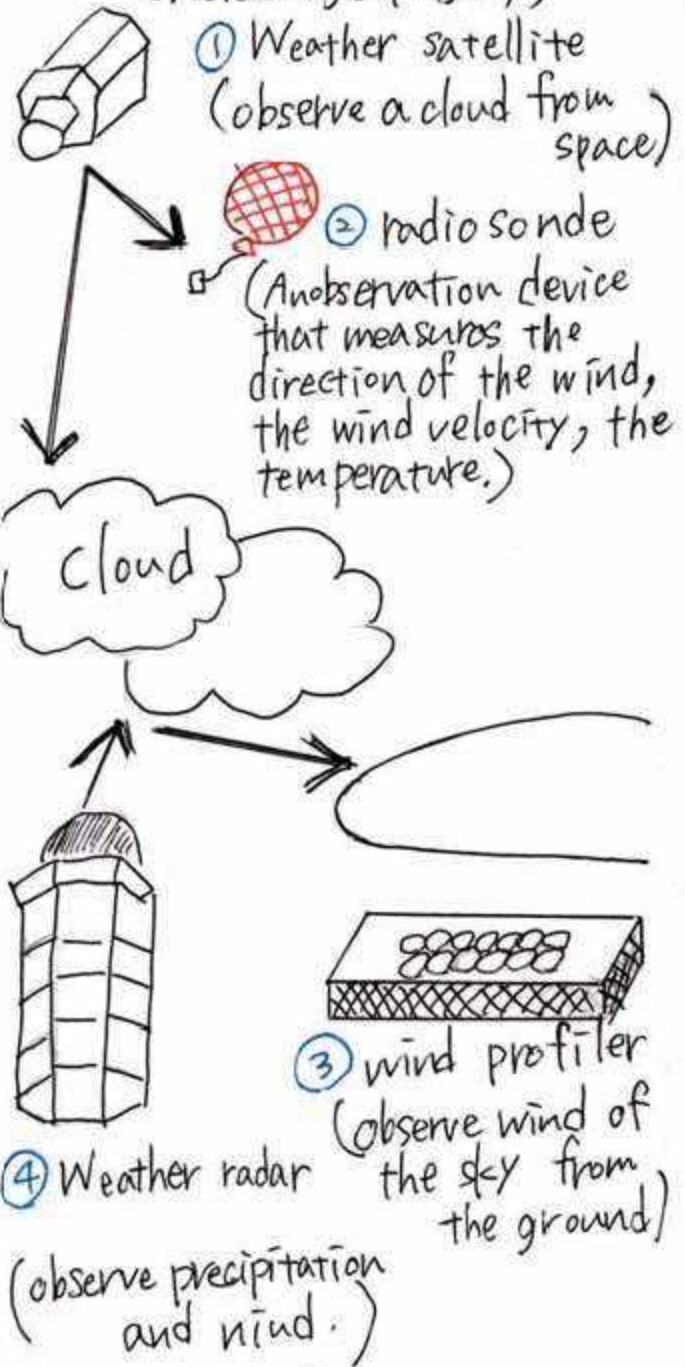


How to ~ How to check weather ~ (Meteorological Agency)



<Summary>

- ▶ Depending on the type of cloud and how it looks, you can predict the weather after half a day with just human power,
- ▶ You can know the weather of the day from TV or the Internet, but you can predict the weather yourself and keep us safe from heavy rain and lightning.

<Future>

- ▶ We understood the cloud appearance changes by the weather through our research. But, we are wondering why it changes, so we would like to investigate the answer.

<Quotation>

Website

Aomori weather station



Hirosaki Minami
high school

15HR Group 10

- 011 Group 10
- 021 Group 10
- 031 Group 10
- 041 Group 10



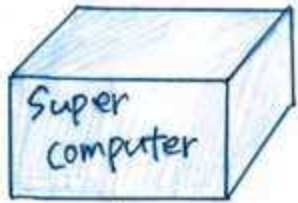
<MOTIVE>

We want to predict weather changes from looking at the sky.

<PURPOSE>

We predict weather from clouds.

⑤



1. Based on observed weather data it predicts atmospheric conditions in the future.
2. <Forecast Division> makes weather forecast plan for the whole country.
3. They share and adjust weather forecast plans to district weather station.
4. Announce weather forecast.



-1-

<Cloud observation method>

"POINT"

- ☀ The weather moves from west to east. So you can see the weather after half a day when you look at the west sky.
- ☀ If there are no clouds in the sky, it will be sunny for half a day, rainy for half a day if cloudy.
- ☀ The clouds above the sky reflect sunlight, so on a sunny day the clouds look white.
- ☀ Clouds in the lower part of the sky are often dark, so it often rains.



P4 ~ keep ~
 <Other clouds types>
 Cirrus, Cumulus, Turbulent cloud,
 Cumulonimbus, Cirrus clouds,
 High clouds.

-3-

<Cloud type>

☀ Clouds look different on sunny and rainy days.

- **Cirrus cumulus**
 Sunny It will be sunny next day when this cloud disappeared from the sky.
 Rainy The possibility increases when it becomes a "Cirrus cloud".



- **High cumulus**
 S If this cloud disappears immediately.
 R When this cloud covered the sky.
 (* It is thicker and larger than "Cirrus cumulus clouds")



- **Stratocumulus**
 S When this cloud gets smaller or disappears.
 R When this cloud is generated one after another.
 (* Black and thin clouds.)



- **Stratus**
 S When this cloud disappears in the evening.
 R When this cloud grows into cumulonimbus. (Rough weather)
 (* clouds along the mountain)



-4-