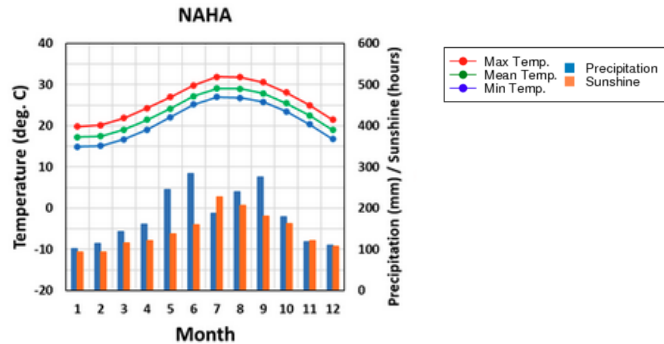
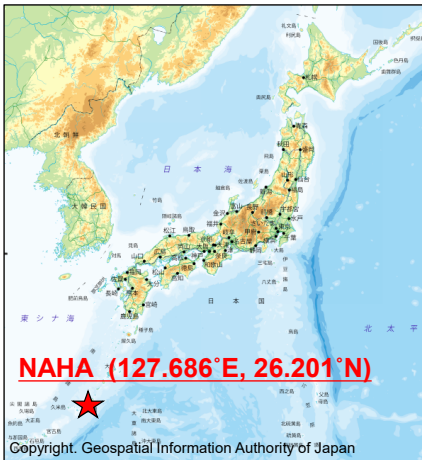


# Climate of Japan and NAHA

Sample

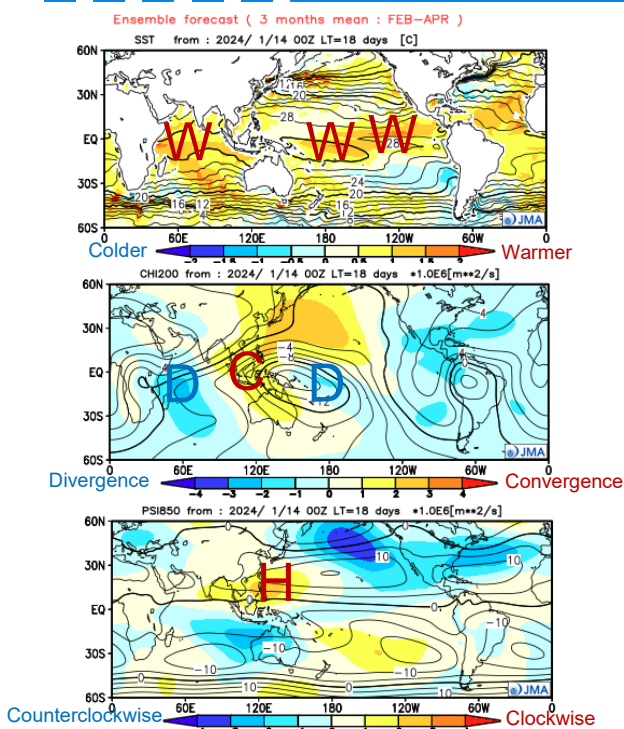


NAHA is located in Okinawa Island, which has a subtropical oceanic climate.

In winter, prevailing northwesterly winds cause the advection of cold air from Siberia to Japan and bring heavy snowfall to Japan's Sea of Japan side and sunny weather to its Pacific. Early summer is the rainy season, known as the Baiu, in Japan. In the second half of summer, the North Pacific High extends northwestward around Japan, bringing hot and sunny conditions to the country. Precipitation amounts are large in autumn due to the active rain front and tropical cyclones.

## Forecast for FMA 2024

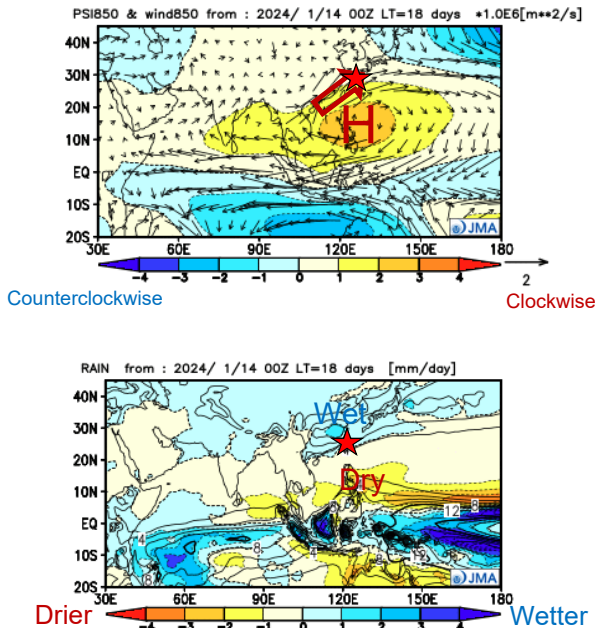
Sample



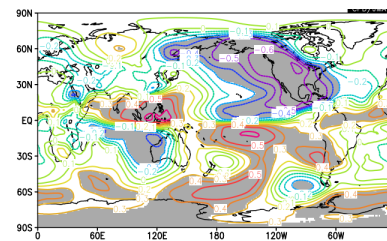
- It will be in transition from El Niño to ENSO neutral. The influence of El Niño and the positive IOD will remain in the equatorial Pacific and Indian Ocean.
- Corresponding to SST anomalies over the equatorial Pacific and Indian ocean, convective activities will be suppressed over the Maritime Continent.
- In response to suppressed convective activities, anti-cyclonic anomalies will be developed at lower level around the Philippines.

# Forecast for FMA 2024

Sample



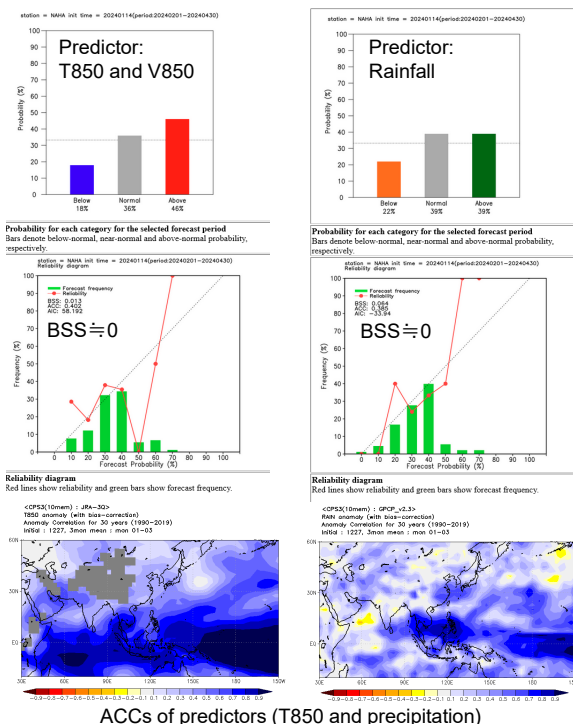
- Due to the anti-cyclonic circulation anomalies around the Philippines, southwesterly wind anomalies will bring hotter and wetter condition around Okinawa Island.
- This is consistent with statistical relationship.



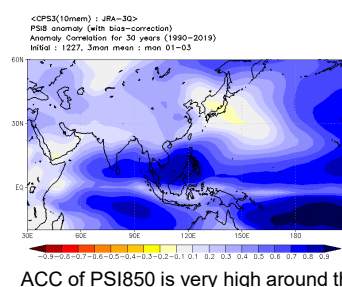
Correlation coefficient map of PSI850 with NAHA's rainfall for FMA 1991-2020. Created by using iTacs.

## Guidance forecast

Sample



- Guidance forecast has no skill.
- However, hotter and wetter condition around Okinawa can be reliable because it is caused by anti-cyclonic circulation around the Philippines, which is thought to be a response to El Niño and predicted with high accuracy.



# Seasonal Outlook for FMA 2024 on NAI

Sample

	Temperature			Precipitation		
	Below Normal	Near Normal	Above Normal	Below Normal	Near Normal	Above Normal
NAHA	20%	35%	45%	20%	40%	40%
(Guidance)	18%	36%	46%	22%	39%	39%

- In response to suppressed convective activities over the Maritime Continent, an anti-cyclonic anomalies is expected to develop around the Philippines. Southwesterly wind anomalies will cause hotter and wetter condition around Okinawa Island.
- Consequently, above-normal temperature and above- or near-normal precipitation are expected for NAHA.

*DISCLAIMER: This sample is only for use in training. The opinions in this sample are should not be regarded as official forecast of JMA.*