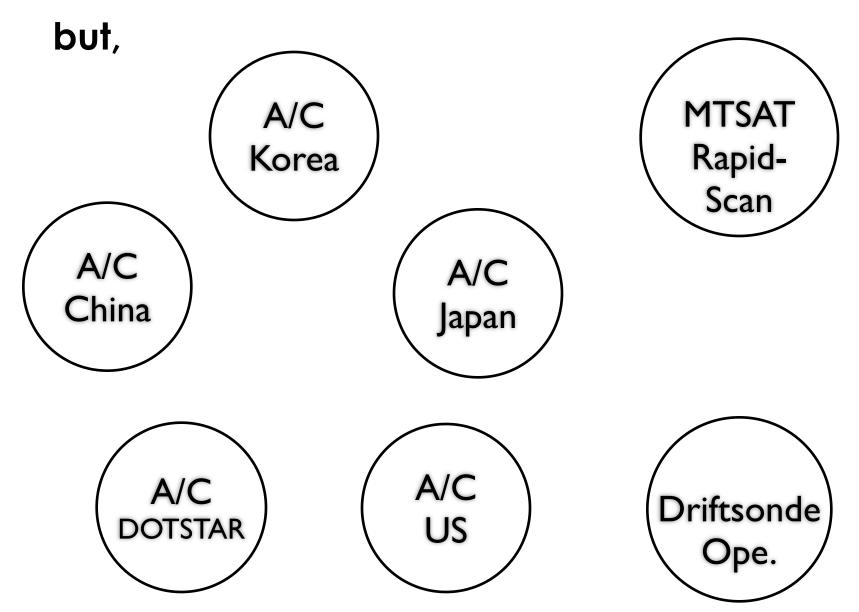
Typhoon Targeting and Recurvature

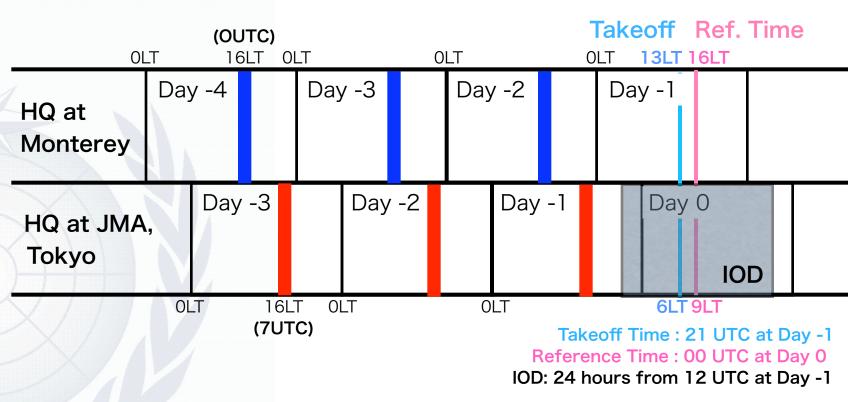


Tetsuo Nakazawa and Muneyuki Yamaguchi

We assume Each Platform has its own HQ,



Flight Decision Schedule (Plan)



Day -4	16LT at Monterey
Day -3	16LT at Tokyo
Day -3	16LT at Monterey
Day -2	16LT at Tokyo
Day -2	16LT at Monterey
Day -1	16LT at Tokyo
Day 0	6LT at Tokyo

Tentative Decision on Day 0 Operation
Confirmation of Tentative Decision
Final Decision on Day 0 Operation
Confirmation of Final Decision
Confirmation of Final Decision
Confirmation of Final Decision
Takeoff and Landing et 1017

WMO OMM

Takeoff and Landing at 10LT 3

Virtual Observation for 2007.10.05(Fri) 00UTC

- 1 Thursday (9/27) Meeting (local time 15:00JST)

 For rapid-scan operation in the coming week
- ② **D 3days (local time 15:00JST)**To prepare of A/C and in-situ observation during IOD
- ③ **D 2days (local time 15:00JST)**To decide to set IOD and inform to Aviation Auth.
- **4** D 1days (local time 15:00JST)

To inform the detailed flight path to Aviation Auth.

D -3 hours the departure of an airplane

Observation

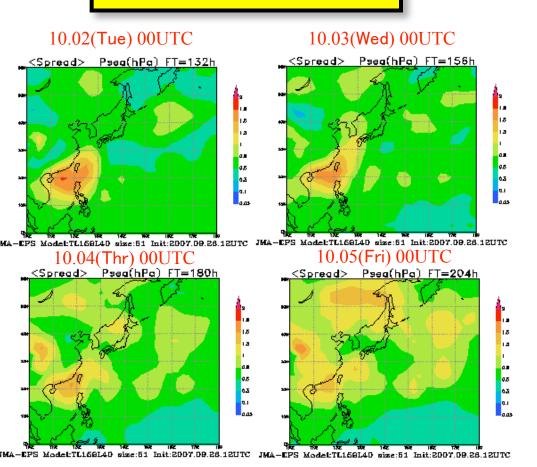
(2007,10,05 00UTC)

1 Thursday (9/27) Meeting (local time 15:00JST)

Discussion

To decide if we need IOD in the coming week (Sep.28 - Oct. 5)

Data



Spread of 51 members Ps in Weekly Ensemble Forecast.

The area with warmer color denotes that with larger spread, indicating more probability of the existence of Typhoon.

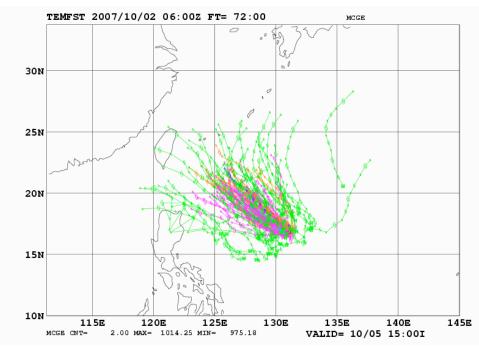
② D - 3days (Oct. 2 15:00JST)

Discussion

To decide the operation at Day 0

Data

Ensemble Forecast Data (Initial: 2007. 10. 2. 06UTC)



Green(51): JMA Medium-Range EPS (updated once a day)

Orange(11): JMA Typhoon EPS

(updated 4 times a day)

Pink(51): ECMWF EPS

(updated 2 times a day)

③ D - 2days (Oct. 3 15:00JST)

Discussion

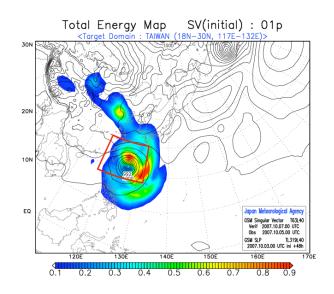
To decide if we fly, based on sensitivity analysis

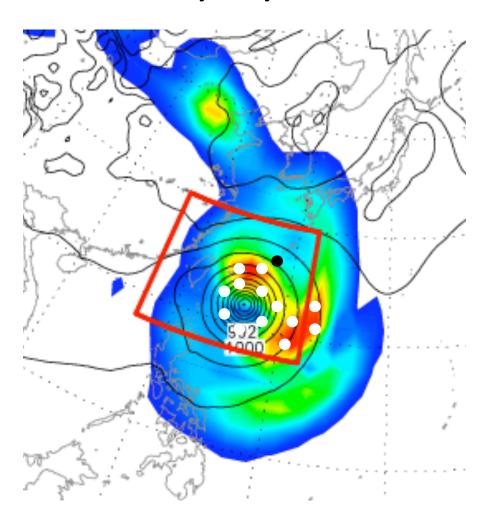
Red Box: Verification Area

Color Contours: Sensitivity

Analysis for the verification time

at Oct. 5, 00UTC.



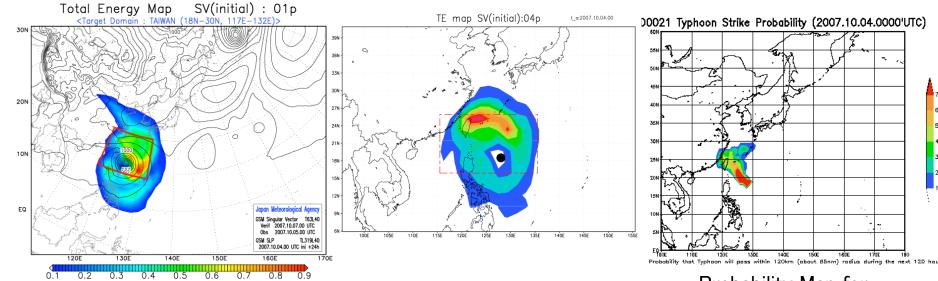


4 D - 1days (Oct. 4 15:00JST)

Discussion

To check if any modification is necessary.

Data



Latest sensitivity analysis

Sensitivity analysis for 10/4 00UTC

Probability Map for typhoon approach, starting from 10/4 00UTC