

Overview of 2020 Summer Climate over Korea



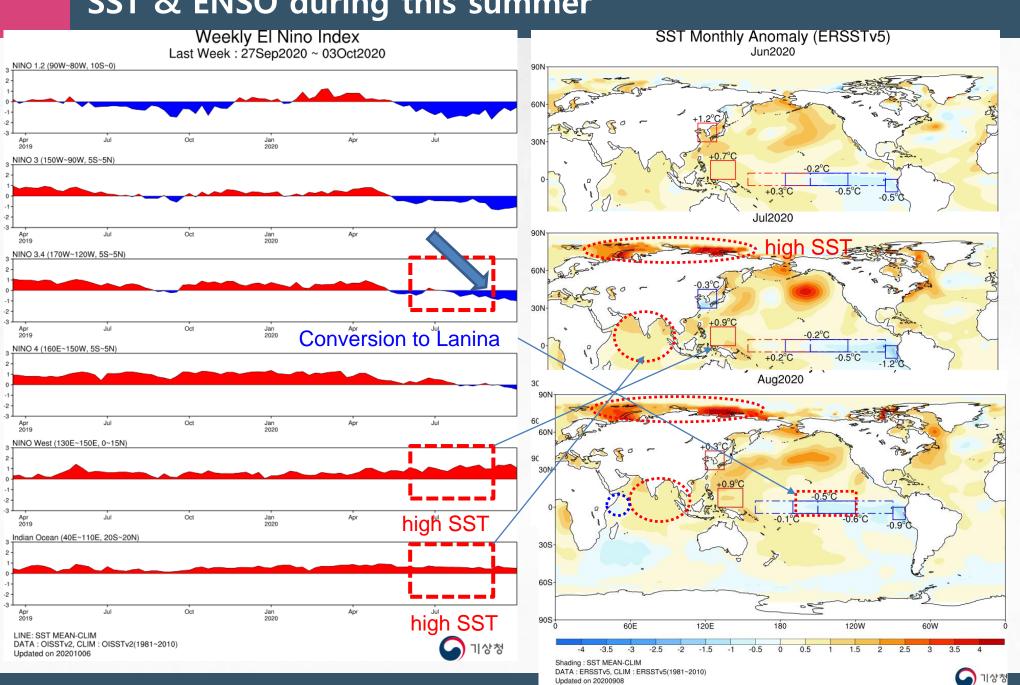
IM Gyosoon, CHOI Jeonghee, KIM Miju, KIM Jeongsik Climate Change Monitoring Division, KMA



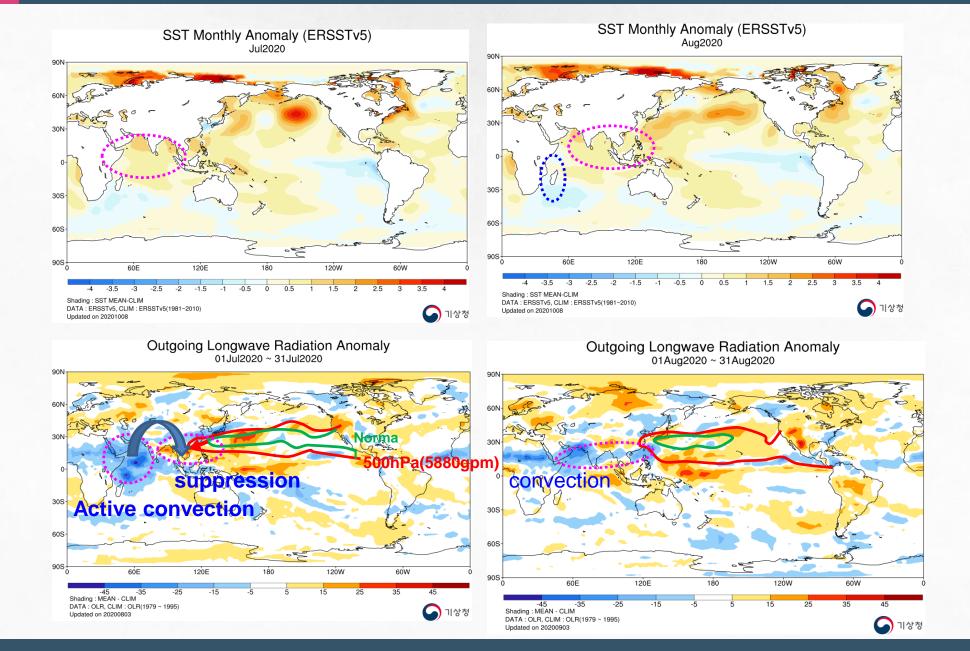


Impacts of Atmos. & Ocean on Korea

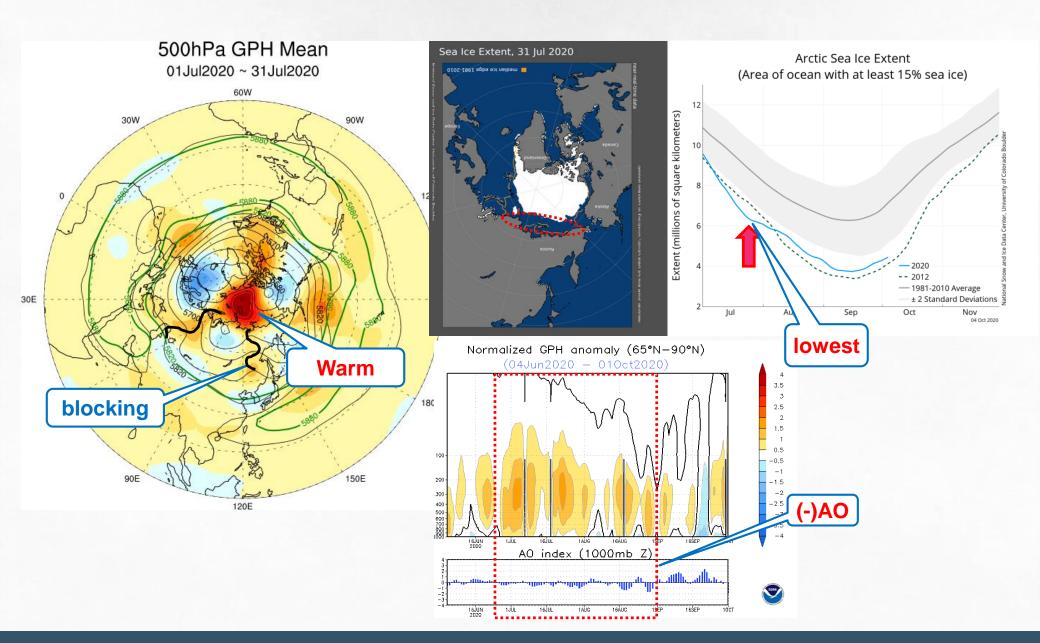
SST & ENSO during this summer



SST & OLR during this summer



Some partial impact of arctic area

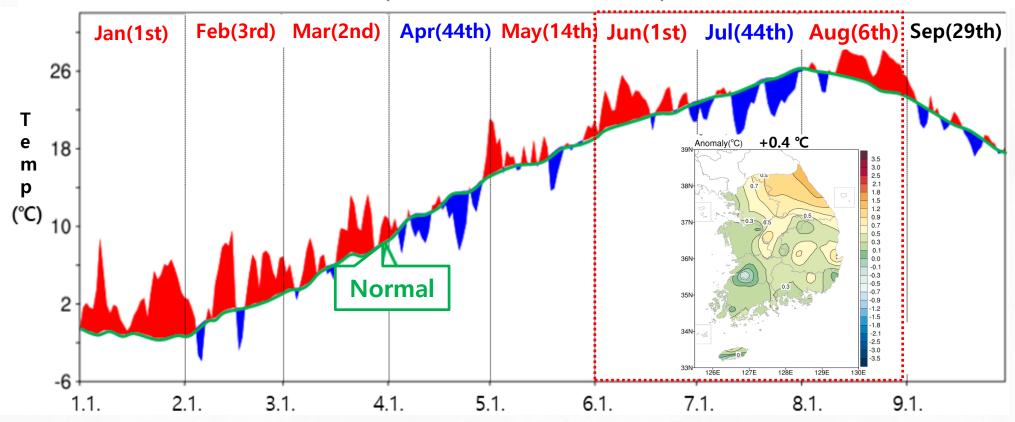




Main Feature of Mean Temp. this summer

Climatological Temp. Feature in the South Korea

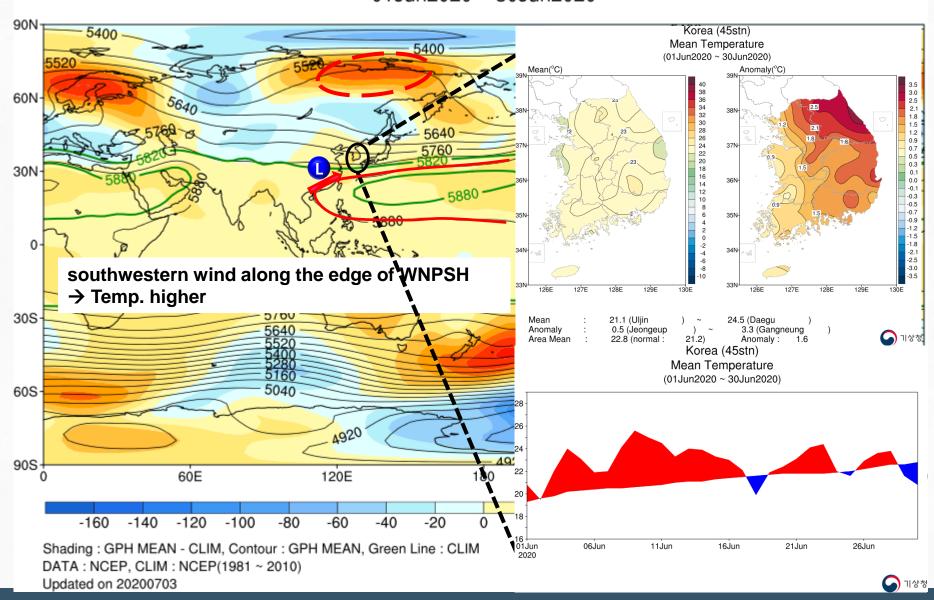
Korea (45stn)
Mean Temperature
(01Jan2020 ~ 04Oct2020) Summer



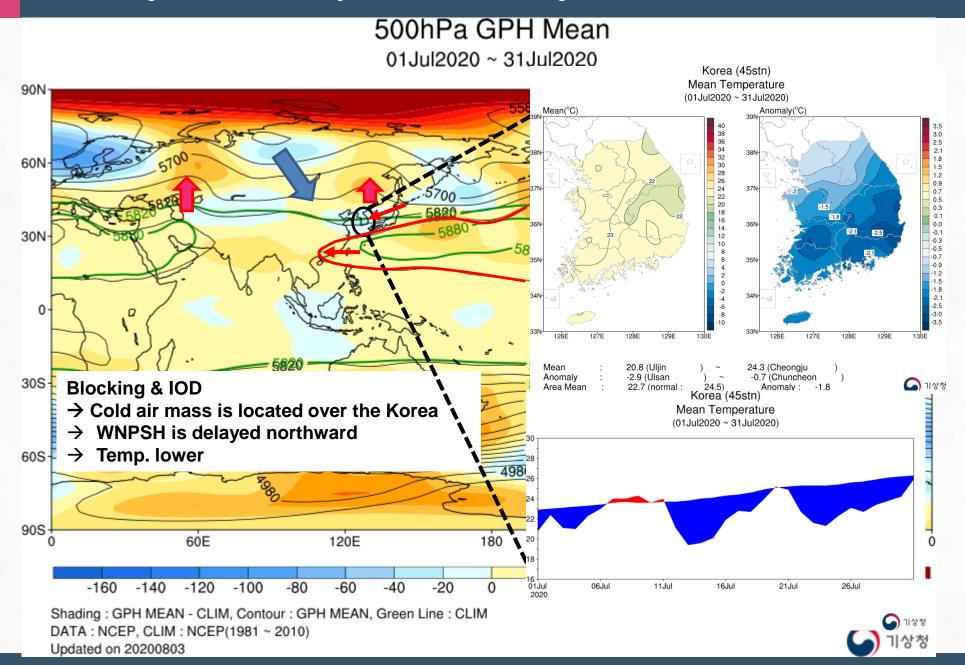
Monthly Mean Temperature in June

500hPa GPH Mean

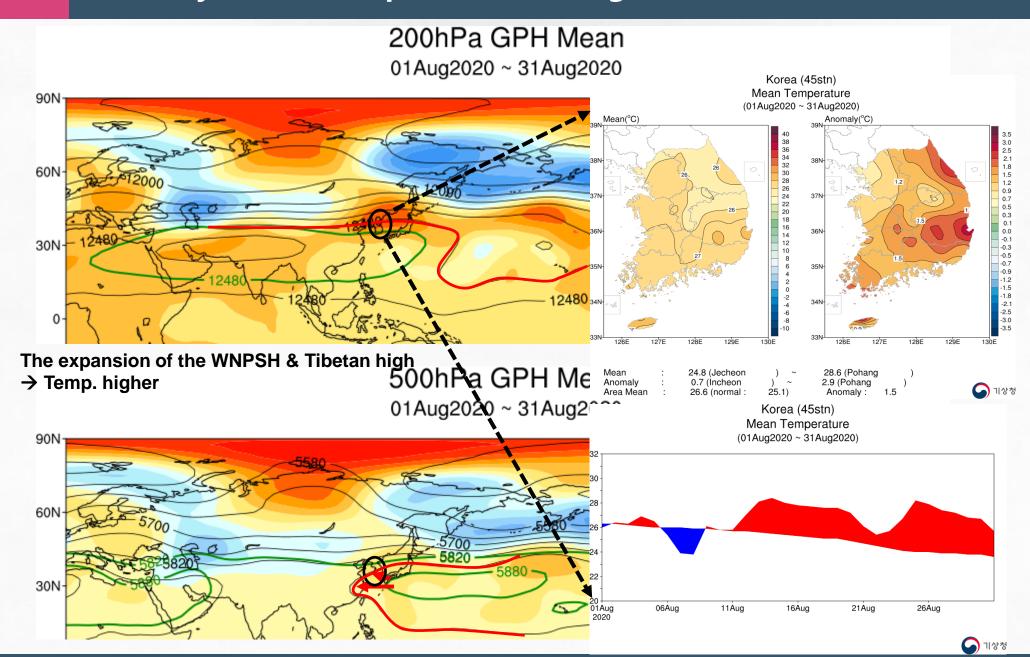
01Jun2020 ~ 30Jun2020



Monthly Mean Temperature in July

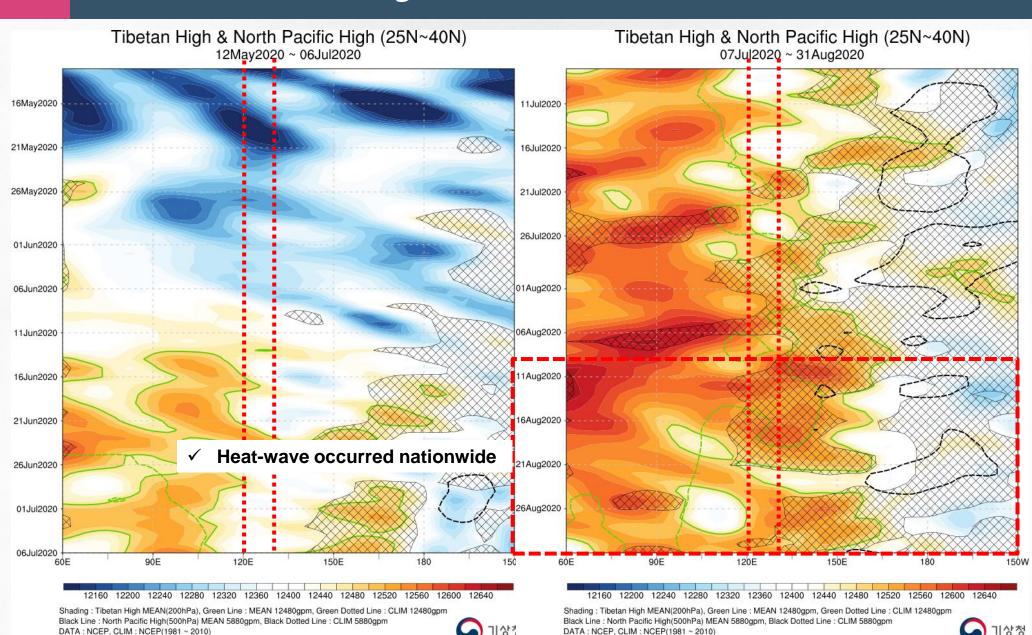


Monthly Mean Temperature in August



Status of Tibetan Highs & WNPH this summer

Updated on 20200709



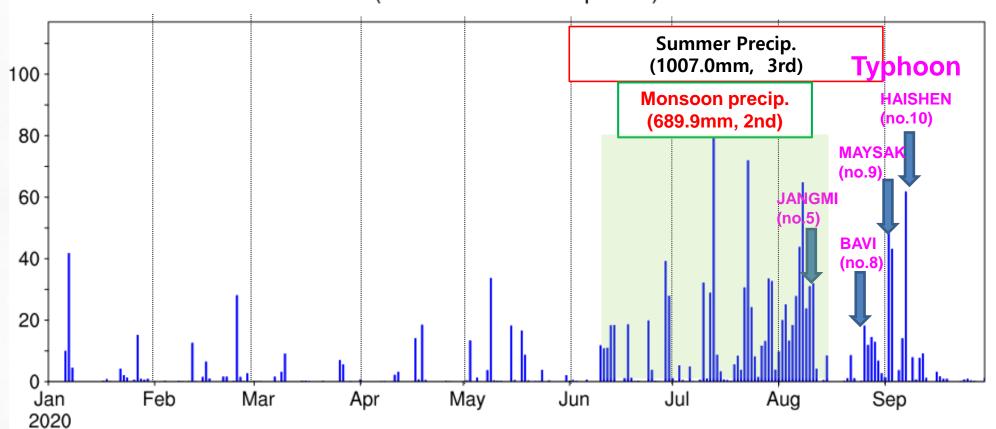
Updated on 20200903



Main Feature of Precip. this summer

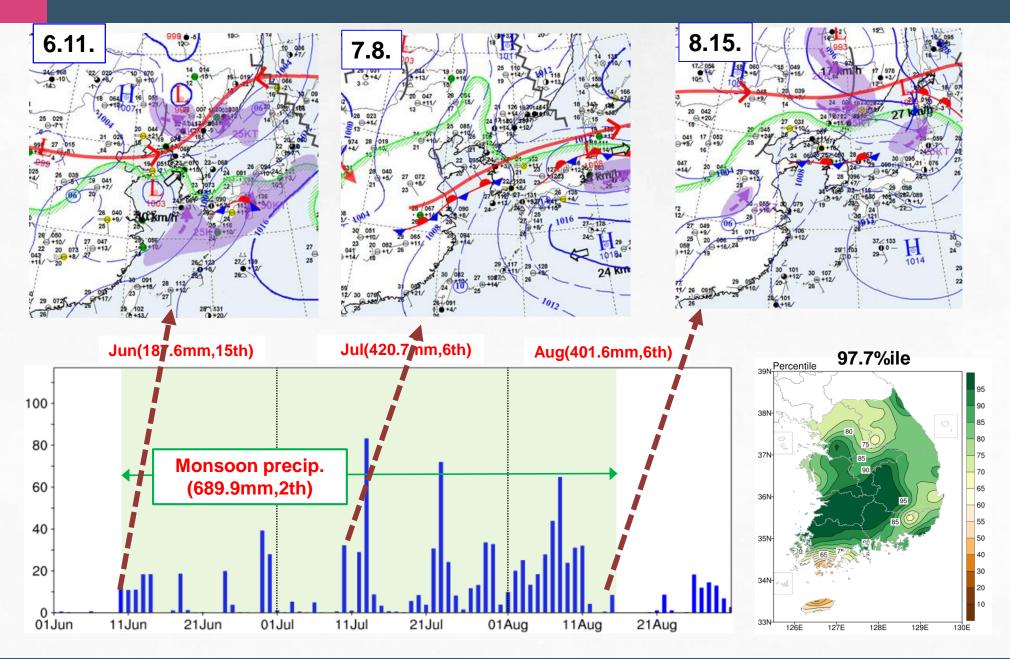
Climatological Precip. Feature in the Korea Peninsula

Korea (45stn)
Precipitation
(01Jan2020 ~ 30Sep2020)

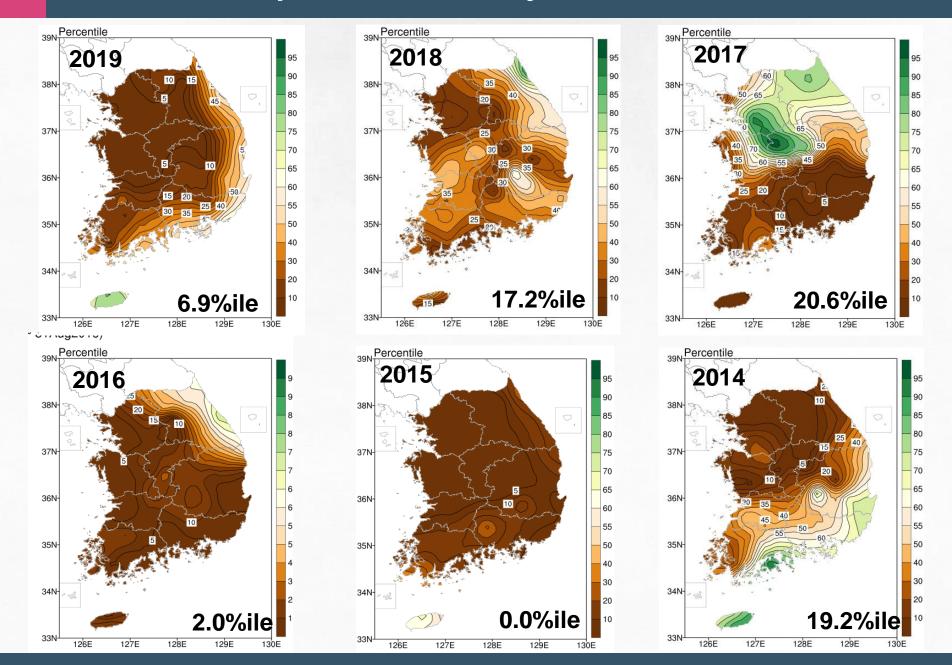




Summer monsoon season

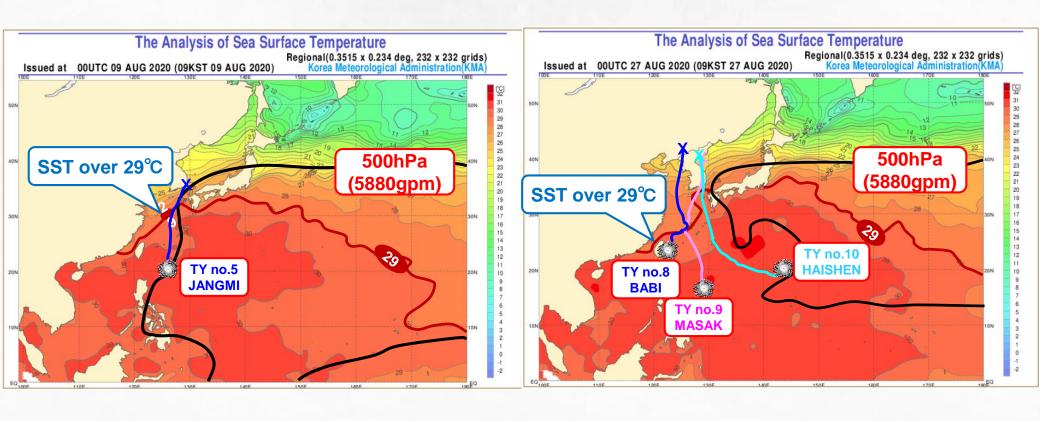


Summer Precip. for the last 6 years

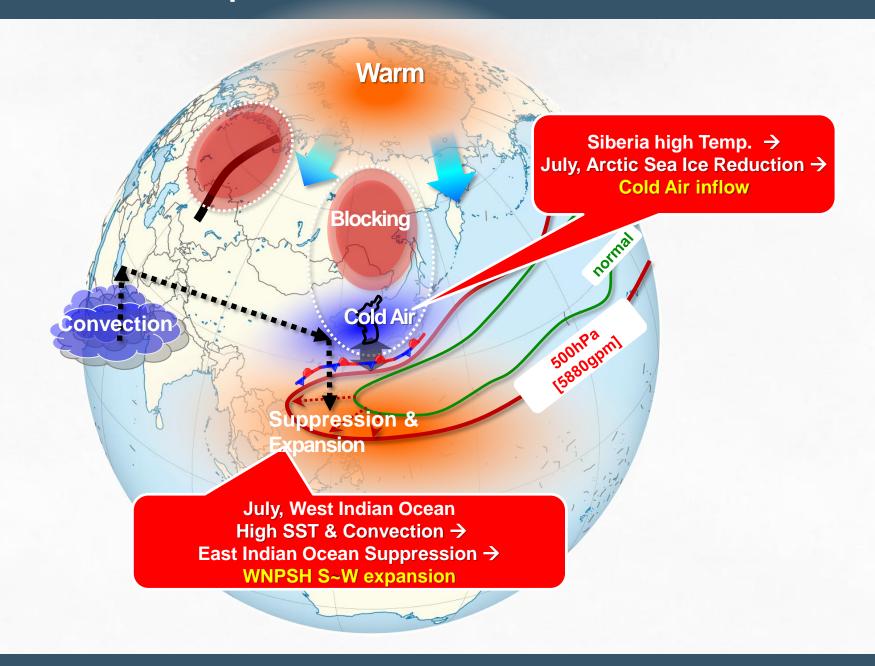


Impact Typhoons Increase Unprecedentedly

- High SST, over 29°C, remains in the south.
- Not Declining WNPSH paved the way on which Typhoon affected Korea.



Schematic atmospheric circulation



THANK YOU