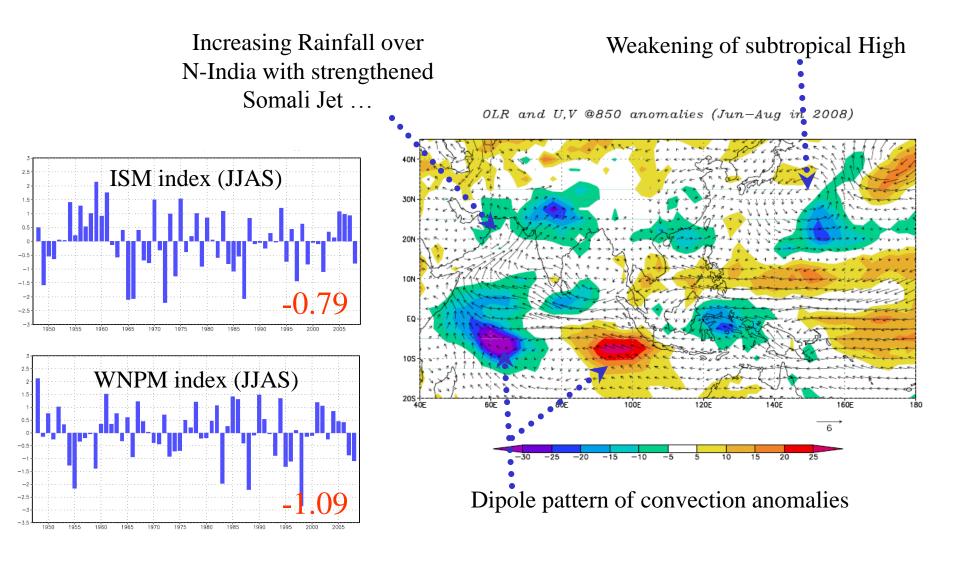
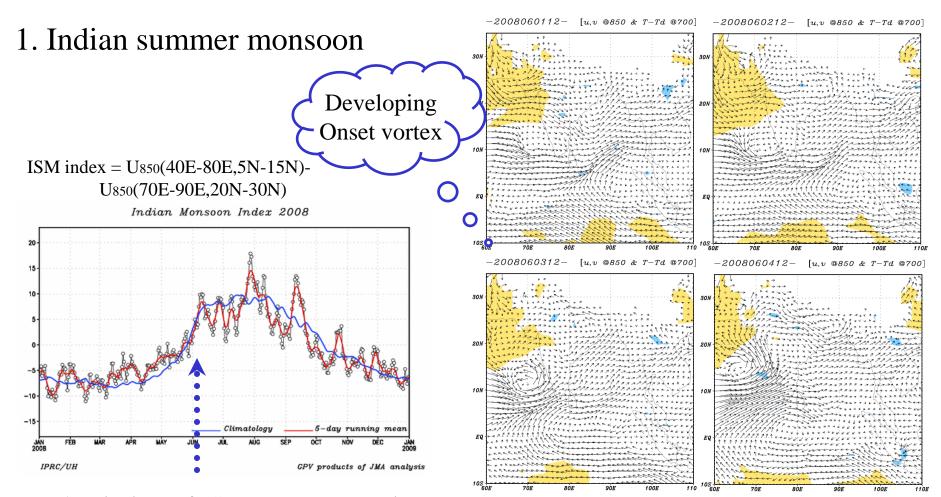
Both (seasonal JJA mean) ISM and WNPM in 2008 was weaker than normal !!





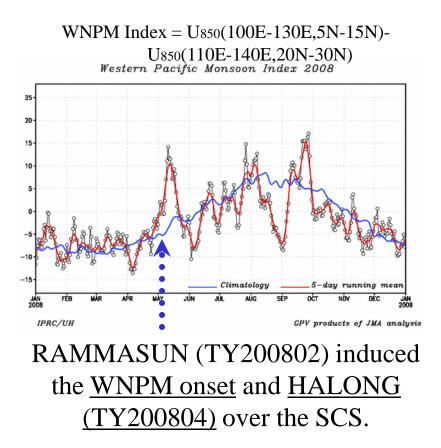
The timing of ISM onset was quite similar to climatology, *although the ISM was relatively weaker in June and July*.

ISM onset in 2008 was clear with **onset vortex** over the AS

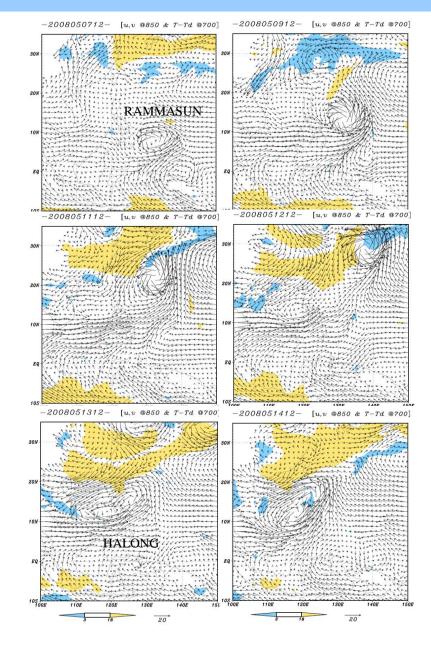
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2. Western north Pacific monsoon

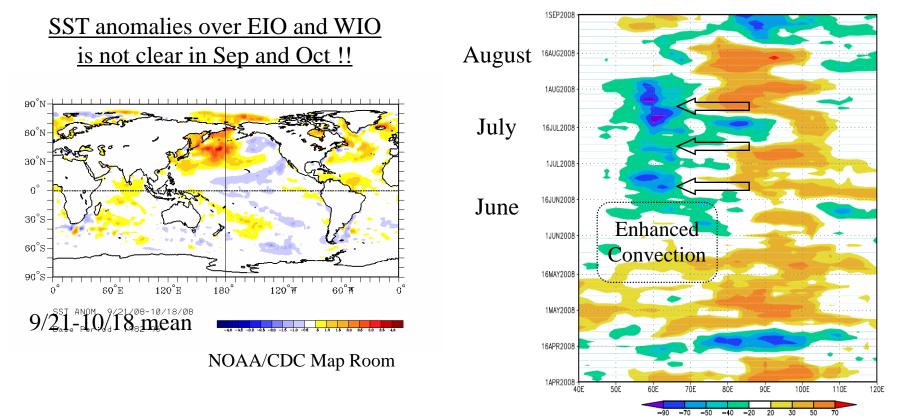


ISO in MJO time scale was overall weak in 2008.



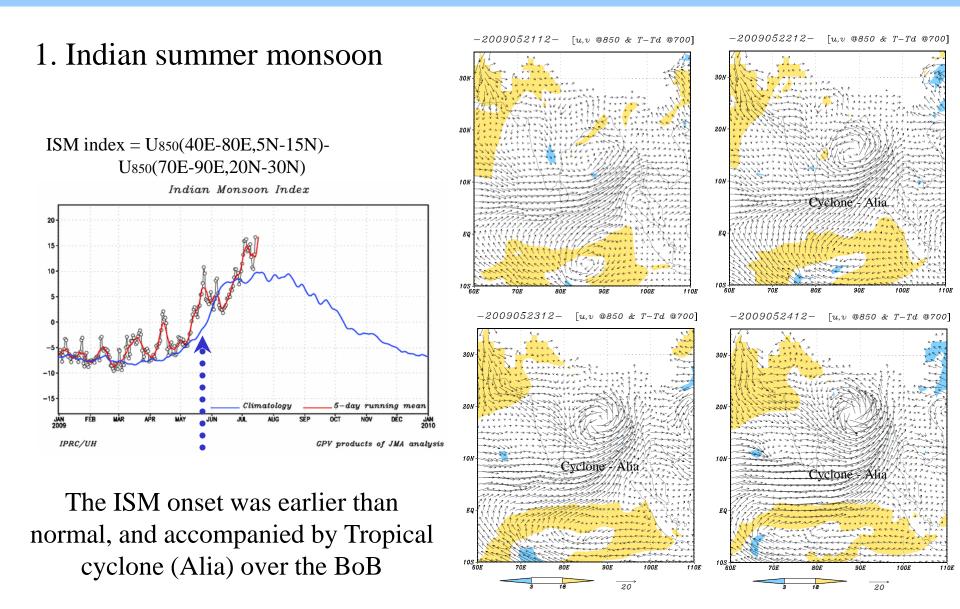
East-West Dipole pattern of convection anomalies over the (south) Indian Ocean with easterly wind anomalies.

OLR anomalies along 5S

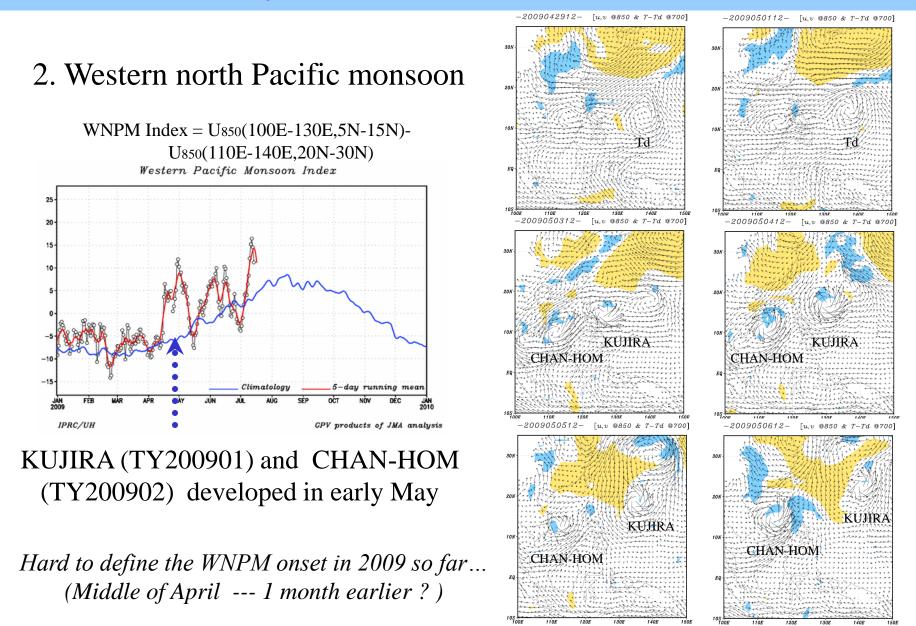


[Q] Why the (SST) IOD mode was not developed through boreal autumn in 2008?

Preliminary view of Asian Summer monsoon in 2009



Preliminary view of Asian Summer monsoon in 2009



Interesting period for intensive study of YOTC 2008-2009