



The Madden Julian Oscillation (MJO) index lies currently in Phase 1 with amplitude more than 1. It will continue in same phase during entire period with amplitude remaining more than 1 during entire period except first half of week 2. Thus, the phase of MJO will support enhancement of convective activity over west Arabian Sea (AS) during weeks 1 and 2.

Most of the numerical models including IMD GFS, NCEP GFS, GEFS, NEPS, NCUM, ECMWF are not indicating any cyclogenesis over the NIO region during the period. MME CFSv2 is not indicating any probability of cyclogenesis over NIO during weeks 1 & 2.

Considering all the above, there is no probability of cyclogenesis over the north Indian Ocean during the period.

Verification of forecast issued during last two weeks:

The forecast issued on 11th June for week 2 (19.06.2020-25.06.2020), and the forecast issued on 18th June for week 1 (19.06.2020-25.06.2020) did not predict any cyclogenesis during the period.

Non occurrence of cyclogenesis over the NIO was correctly predicted two weeks in advance.

Next update: 02.07.2020