



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

Most of the numerical models including IMD GFS, NCEP GFS, GEFS, ECMWF, NEPS, NCUM are not indicating any cyclogenesis over the AS region during the period. IMD GPP is also not indicating any probability of cyclogenesis over the same region during week 1.

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 25th June for week 2 (03.07.2020-09.07.2020), not predicted any cyclogenesis during the period and the forecast issued on 2nd July for week 1 (03.07.2020-09.07.2020) predicted low probability of cyclogenesis over the northeast AS off Gujarat coast during latter half of week 1.

A low pressure area formed over coastal Saurashtra & neighbourhood on 5th July. Today it lay as a Low Pressure Area over northeast Arabian Sea & adjoining south Pakistan.

Next update: 16.07.2020