

| Thermodynamic properties | Dynamic properties | Aerosol property |
|---|--|-----------------------------|
| Lower tropospheric stability (LTS) | Source latitude of air mass (Lat_src) | Aerosol optical depth (AOD) |
| Sea surface temperature (SST) | Source longitude of air mass (Lon_src) | |
| Temperature at 700 hPa (T700) | Wind speed at 10 m (WSP) | |
| Relative humidity at 700 hPa (RH700), at 850 hPa (RH850), at 950 hPa (RH950) | Zonal wind speeds at 600 hPa (U600) | |
| | Mean sea level pressure (MSLP) | |