

Variable	Meteorological parameter (abbreviation, unit)
X_1	Surface air temperature (T or SAT, K) ^b
X_2	Surface air relative humidity (RH, %) ^b
X_3	Surface precipitation rate (prec., mm d ⁻¹) ^b
X_4	Sea level pressure (SLP, hPa)
X_5	Sea level pressure tendency (dP/dt , hPa d ⁻¹)
X_6	Surface wind speed (wind, m s ⁻¹) ^{b,c}
X_7	West–east direction indicator ($\cos\theta$, dimensionless)
X_8	South–north direction indicator ($\sin\theta$, dimensionless)