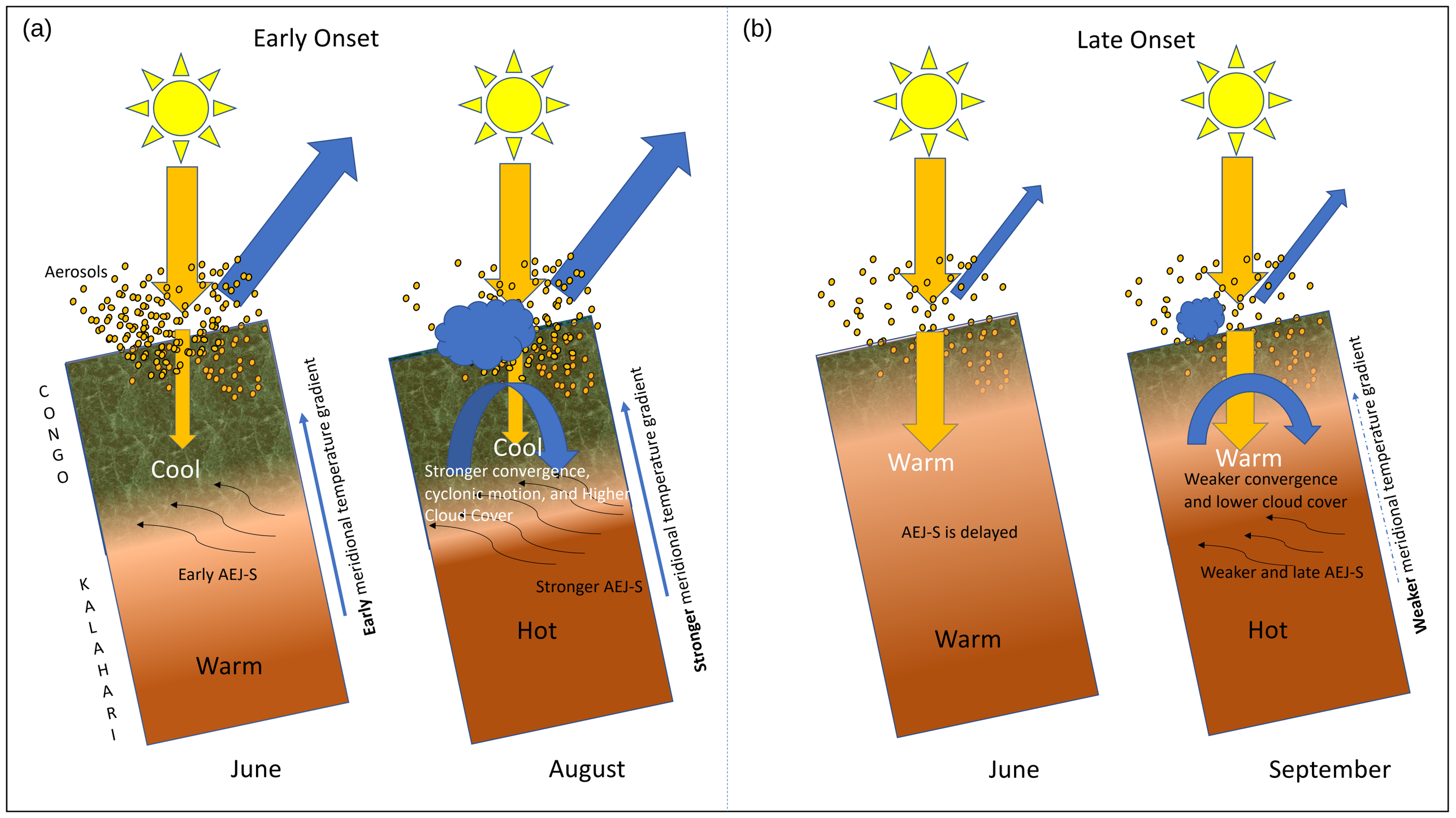
(a)
Early Onset
Aerosols
CONGO
KALAHARI
Cool
Early AEJ-S
Warm
Early meridional temperature gradient
June
Cool
Stronger convergence, cyclonic motion, and Higher Cloud Cover
Stronger AEJ-S
Hot
Stronger meridional temperature gradient
August
(b)
Late Onset
Warm
AEJ-S is delayed
Warm
June
Warm
Weaker convergence and lower cloud cover
Weaker and late AEJ-S
Hot
Weaker meridional temperature gradient
September