

PERSISTENCE

Section 2

STATIONARITY
(section 4)

RECURRENCE
(section 5)

Global

State

Episodic

Global

State

Episodic

Autocorrelation (**4.1.1**)
Dependence
parameter (**4.1.2**)
Hurst exponent (**4.1.2**)
Power spectrum (**4.1.2**)
Residence times (**4.2.5**)

Weather regimes (**4.2.1**)
Quasi-stationary
states (**4.2.2**)
Optimally persistent
patterns (**4.2.3**)
Dynamical systems
theory (**4.2.4**)
Residence times (**4.2.5**)
Transition
probabilities (**4.2.6**)
Time series
modeling (**4.2.7**)

Running window methods
Residence times (**4.2.5**)

Recurrence plots (**5.2.2**)

Diagnostic methods
Window counts (**5.1.1**)
Dispersion metrics (**5.1.2**)
Ripley's K (**5.1.3**)
Distribution of
inter-event times (**5.1.4**)
Stochastic modeling
Event counts (**5.2.1**)
Recurrence plots (**5.2.2**)

Recurrence plots (**5.2.2**)