

Perth Seasonal Beach Dynamics



Seasonal beach dynamics in Southwest Australia are influenced by waves, tides, surges, mean sea level variation and winds. These come into phase in May-June, causing rapid beach retreat. However, sometimes the change is because of movement toward the coast – whether dune growth or building closer.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Seasonal Processes												
MSL			Low						Peak			
Tide			Peak						Peak			
Wave										Peak		
Wind					Peak							
Count of Progressive - Recessive Processes												
	0	0	+1	+1	+2	+2	+3	0	-2	4	4	-2
Shoreline Change												
Shoreline	Slightly Wider (+ve)		-ve	Widens (+ve)					Narrowing (-ve)			