

**TABLE 3.1** Summary of the Stratigraphic Effects of Sea Level Changes

	<b>Transgression</b>	<b>Regression</b>
<b>Event</b>	<b>Rise</b> in sea level or basin floor <b>sinks</b>	<b>Fall</b> in sea level or basin floor <b>rises</b>
<b>Effects on Sediments Observed at a Fixed Point in Space</b>		
<b>Facies Type</b>	Terrestrial or nearshore facies to offshore facies	Offshore facies to terrestrial or nearshore facies
<b>Sediment Quantity</b>	Sediment influx slows or stops	<b>Marine/ transitional environments:</b> sediment flux increases <b>Terrestrial environments:</b> may experience erosion
<b>Distance to Sourceland</b>	Proximal to distal	Distal to proximal