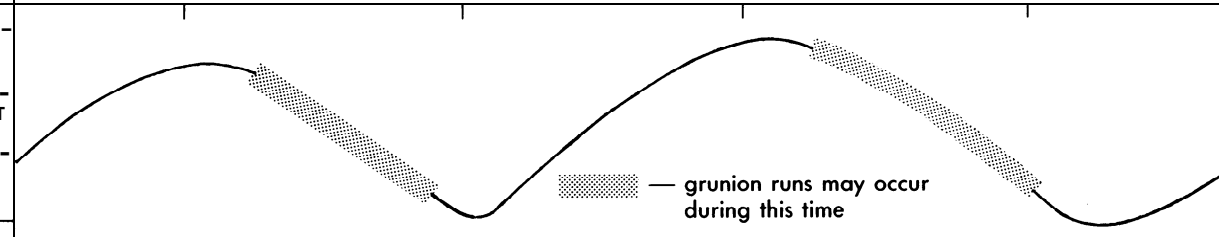
MOON PHASE	FULL MOON	FIRST QUARTER	NEW MOON	THIRD QUARTER
NIGHT TIME HIGH TIDES THROUGH ONE LUNAR PERIOD				
POSITION OF SUN, MOON AND EARTH AT EACH PHASE OF THE -MOON	SUN EARTH MOON	SUN EARTH — MOON	SUN MOON EARTH	SUN MOON — EARTH
GRUNION RELATIONSHIP TO MOON PHASES	FULL MOON — eggs from previous spawning will be freed from the sand. FIRST QUARTER — eggs are developing and are buried deepest at this point. NEW MOON — eggs again freed from sand. THIRD QUARTER — eggs are developing.			

FIGURE 2. The sun, moon, earth, tides, and grunion behavior.