

THE YEARS OF LIVING DANGEROUSLY—EDUCATIONAL COMPANION

OCEANIC NIÑO INDEX

El Niño			La Niña		
Weak	Mod	Strong	Weak	Mod	Strong
1952	1951	1957	1950	1955	1973
1953	1963	1965	1954	1970	1975
1958	1968	1972	1956	1998	1988
1969	1986	1982	1964	2007	1999
1976	1987	1997	1971		2010
1977	1991		1974		
2004	1994		1983		
2006	2002		1984		
	2009		1995		
			2000		
			2005		
			2008		
			2011		

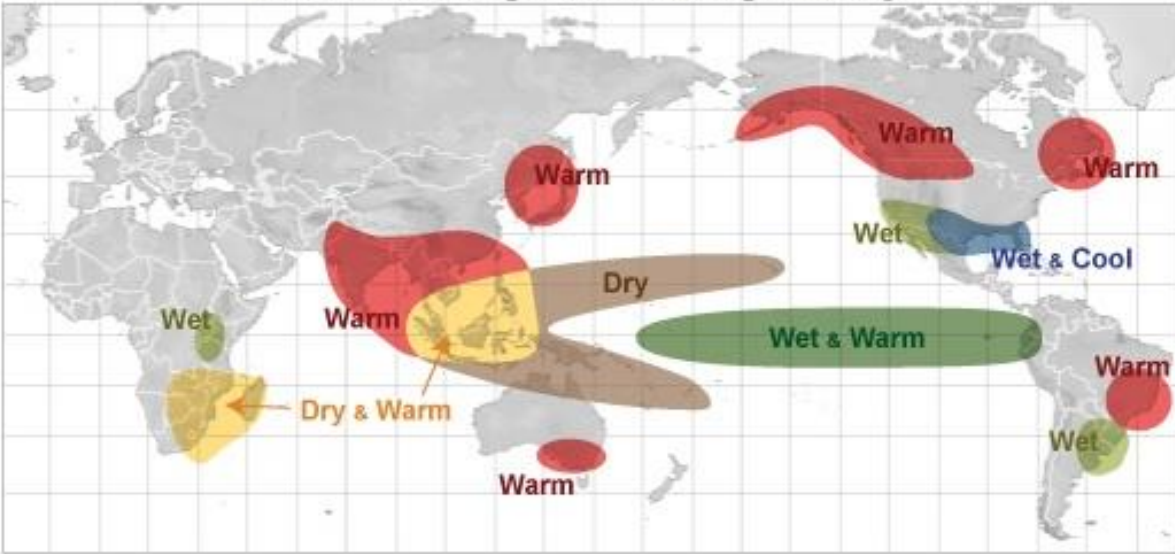
Table 1: the last 64 years of El Niño and La Niña events

Complete and answer the questions below in your science notebook.

1. Calculate the number of El Niño events, including all weak, moderate, and strong events over the past 64 years.
2. Find what percent of these events are categorized weak, moderate, and strong.
3. What types of weather events can the U.S. expect as the result of an El Niño event? Would the impact vary based on the intensity of the event? Explain.
4. How could an El Niño event affect the economy, especially our goods and services?

IMPACTS OF EL NIÑO

El Niño effect during December through February



El Niño effect during June through August

