



El Niño, La Niña and Seasonal Precipitation

	Year	Winter Precipitation in San Francisco, CA	Total Snowfall in Urbana, Illinois	Number of Hurricanes in Atlantic Ocean
Average		19.70"	26"	6
El Niño Years	1972-1973	27.06"	5"	3
	1982-1983	25.09"	15"	2
	1991-1992	15.16"	10"	4
	1997-1998	37.28"	12"	3
La Niña Years	1973-1974	14.48"	32"	5
	1988-1989	12.26"	24"	12
	1995-1996	21.40"	38"	11
	1998-1999	15.52"	29"	10

1. What correlations do you see about winter precipitation in San Francisco and El Niño /La Niña years?
2. What correlations can you make about snowfall in Urbana and El Niño /La Niña years?
3. What correlations can you make about hurricanes in the Atlantic Ocean and El Niño /La Niña years?
4. The actual precipitation amount in Urbana, Illinois during El Niño years is about average. Why would there be less snow?
5. During El Niño years the jet stream is displaced. Why would this cause fewer hurricanes in the Atlantic Ocean and more precipitation in San Francisco?