



## Flows of the Llano

Last week, we talked about the fact that the Llano River at Llano currently has twice the flow of the Llano River at Junction. How did this happen?

The graph above shows the *average daily flow* at the two gages over the last year. (Note that the maximum flows have been truncated at 200 cfs to make it easier to read the graph). Looking at the two lines, it becomes apparent that much of the rainfall in the watershed over the past year has occurred between Junction and Llano, especially the rains in October and November. The *peak stream flows* following the nice rains at the end of May were 3,600 cfs at Llano, but only 271 cfs at Junction. Only five other years have had a lower peak streamflow at Junction; 2010 was the lowest with 88 cfs.

twice those of Junction? Since both gages have been in existence (1939), *monthly flows* at Llano have been at least twice those at Junction about 28% of the time. While most of the time, this happens in April and May- (due to spring rains), there have been 18 years when this has occurred in January.

Conversely, you might ask, how often are *monthly flows* at the Junction gage greater than those at Llano? The answer is about 11% of the time, mostly during July and August when spring flows support the Junction gage and the Llano gage reflects the result of greater evaporation and downstream water use.

How often does it happen that flows at Llano are