**Following are the results observed (Time is in miliseconds):**

1. Month

1) 1-Mapper 1-Reducer: 72304

2) 2-Mapper 1-Reducer: 37742

3) 2-Mapper 2-Reducer: 34582

4) 10-Mapper 1-Reducer: 53080

5) 10-Mapper 2-Reducer: 36759

1. Season

1) 1-Mapper 1-Reducer: 37184

2) 2-Mapper 1-Reducer: 34500

3) 2-Mapper 2-Reducer: 35649

4) 10-Mapper 1-Reducer: 35374

5) 10-Mapper 2-Reducer: 35155

**Following is the data for station "Acton california" for all years and all seasons.**

It could be observed that Acton station in 1996 for fall season got colder than in 1995. Similarly it could be observed for other data.

**ACTON CALIFORNIA CA US 1995 Fall- Temperature 192.3846153846154**

**ACTON CALIFORNIA CA US 1996 Fall- Temperature 169.98901098901098**

**ACTON CALIFORNIA CA US 1997 Fall- Temperature 177.66666666666666**

**ACTON CALIFORNIA CA US 1998 Fall- Temperature 159.12087912087912**

**ACTON CALIFORNIA CA US 1999 Fall- Temperature 187.26923076923077**

**ACTON CALIFORNIA CA US 2000 Fall- Temperature 158.76373626373626**

**ACTON CALIFORNIA CA US 2001 Fall- Temperature 185.77472527472528**

**ACTON CALIFORNIA CA US 2002 Fall- Temperature 178.05494505494505**

**ACTON CALIFORNIA CA US 2003 Fall- Temperature 187.25280898876406**

**ACTON CALIFORNIA CA US 2004 Fall- Temperature 162.20689655172413**

**ACTON CALIFORNIA CA US 2005 Fall- Temperature 167.1153846153846**

**ACTON CALIFORNIA CA US 2006 Fall- Temperature 174.43956043956044**

**ACTON CALIFORNIA CA US 2007 Fall- Temperature 173.7087912087912**

**ACTON CALIFORNIA CA US 2008 Fall- Temperature 192.66483516483515**

**ACTON CALIFORNIA CA US 2009 Fall- Temperature 184.63186813186815**

**ACTON CALIFORNIA CA US 2010 Fall- Temperature 170.97252747252747**

**ACTON CALIFORNIA CA US 2011 Fall- Temperature 175.7032967032967**

**ACTON CALIFORNIA CA US 2012 Fall- Temperature 207.12087912087912**

**ACTON CALIFORNIA CA US 2013 Fall- Temperature 174.52747252747253**

**ACTON CALIFORNIA CA US 2014 Fall- Temperature 235.5**

**Following is the data for station "Aliso Canyon" for all years and all seasons.**

It could be observed that Aliso Canyon station in 1988 for spring season got wetter than in 1987. Similarly it could be observed for other data.

**ALISO CANYON FC 446 CA US 1987 Spring- Precipitation 5.173913043478261**

**ALISO CANYON FC 446 CA US 1988 Spring- Precipitation 12.141304347826088**

**ALISO CANYON FC 446 CA US 1989 Spring- Precipitation 6.467391304347826**

**ALISO CANYON FC 446 CA US 1990 Spring- Precipitation 4.967391304347826**