

Tutorial -3

MA 605

Question 1 Load the NWH temperature dataset and calculate the means of the first ten columns. What is the maximum mean temperature value?

Question 2 Plot the annual mean temperature of the above dataset. (To plot annual mean temperature, first you need to find the average temp of each year).

Question3 Find the temperature of the hottest month for each year. (This dataset contains average monthly temp from 1901-2017).

Question 4 Store the hottest temperature of the month (which is calculated in the above question) in a data frame and export it to your working directory).

Question 5 Find the range (difference between maximum and minimum value) of monthly temperature for the last ten years. Also, plot it.

Question 6 Plot the shape file of north-western Himalaya region.

Question 7 Plot the shape file of India.

Question 8 Plot the mean temperature over 528 grids of North-Western Himalayas.