

LOCATING HYDRO-ELECTRIC POWER (H.E.P.) STATIONS : DE-BRIEF

REF. STATIONS IN BRITAIN



a. Briefly describe the locations of H.E.P. stations..

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 .....  
 .....

b. Attempt to explain this distribution.....

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 .....  
 .....  
 .....  
 .....  
 .....  
 .....

c. Complete the following section by choosing the correct words from the list below :

H.E.P. stations are best placed in an area with a ..... annual rainfall total . In Britain the north and ..... receive the heaviest rainfall, in places over ..... mm falls each year. This is ..... rainfall caused by the air rising over the uplands. The rainfall here is also evenly distributed throughout the year.

H.E.P. production must take place in an ..... area to give a ' head ' of water. The uplands of Britain which have deep, narrow valleys for reservoirs are found in the ..... and west..A ..... average number of sunshine hours per day is best since it will cut down on the amount of water lost by ..... . Water loss is greatest in the ..... east of Britain where the summer temperatures are higher and the average sunshine hours are longer.

..... winter temperatures are best to prevent the water freezing. The west coast of Britain has winter temperatures above.....C as it is influenced by the North Atlantic ..... and ,..... winds. Cool summers are best to cut down the water loss by evaporation, northern Britain is cooler in summer with temperatures below .....C .

- NORTH    MILD    HIGH    14    DRIFT    LOW    5    SOUTH    WEST  
 1500    RELIEF    EAST    800    UPLAND    EVAPORATION    WESTERLY