

ILLUSTRATIONS OF THE METEOROLOGY OF INDIA AND HIGH ASIA.

BY

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I. TEMPERATURE OF THE AIR: 4, STATIONS AND ISOTHERMAL PROFILES OF HIGH ASIA, GENERAL VARIATION OF TEMPERATURE, AND CHART OF INDIAN TROPICAL SANITARIA.

NUMERICAL TABLE OF THE MEAN TEMPERATURE.

Table 1: BHUTAN, SIKKIM, NEPAL, EASTERN HIMALAYA. Columns include Station, Lat. N., Long. E., Height, and monthly mean temperatures from Jan to Dec.

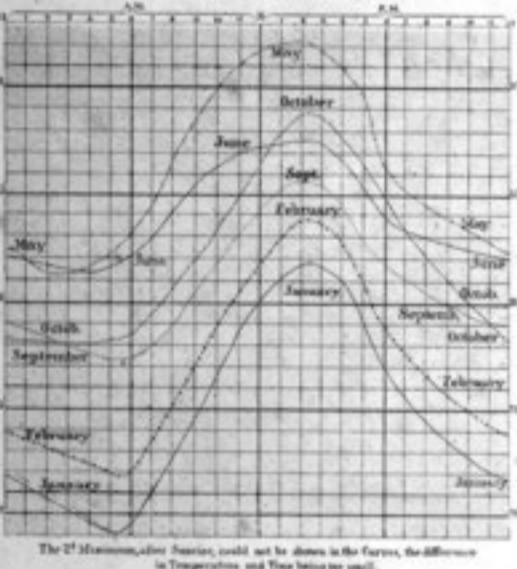
Table 2: KAMÁON, GÁRHVAL, SÍMLA, CENTRAL HIMALAYA. Columns include Station, Lat. N., Long. E., Height, and monthly mean temperatures from Jan to Dec.

Table 3: KÜLU, CHÁMBA, LAHÖL, KASHMÍR, MARRI, NORTHWESTERN HIMALAYA. Columns include Station, Lat. N., Long. E., Height, and monthly mean temperatures from Jan to Dec.

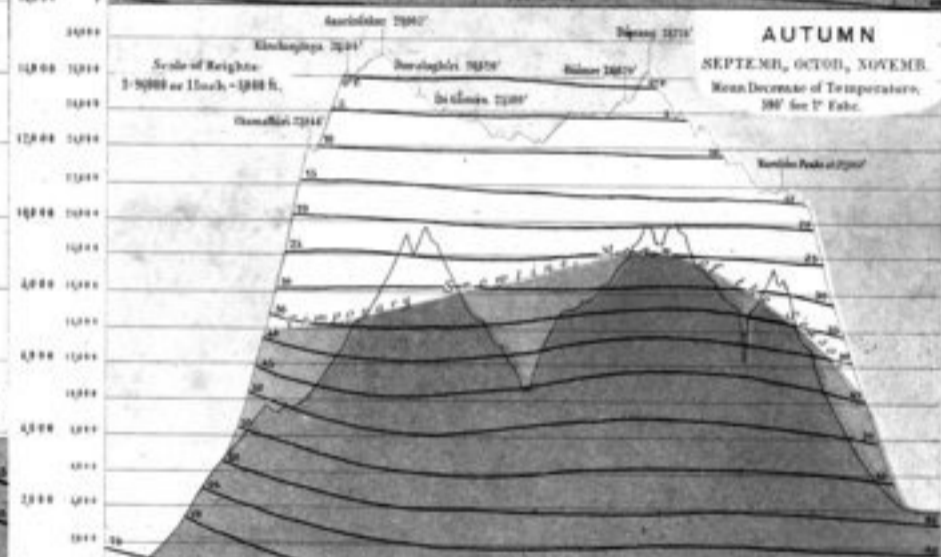
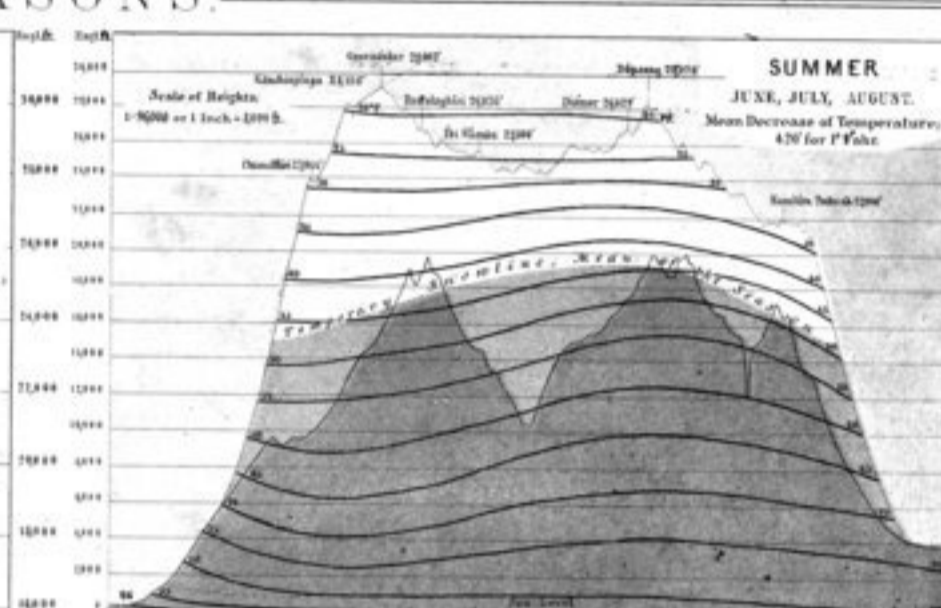
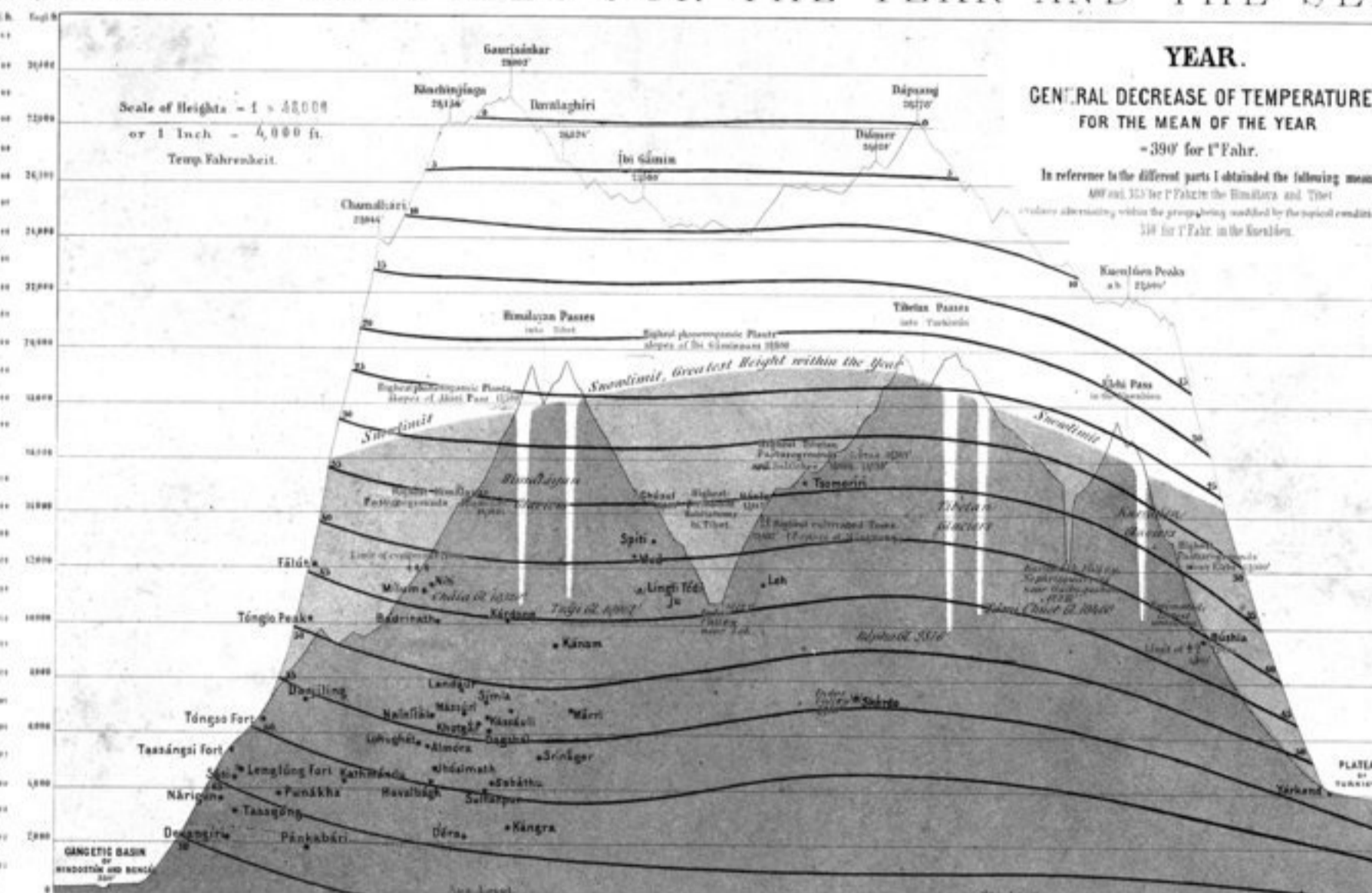
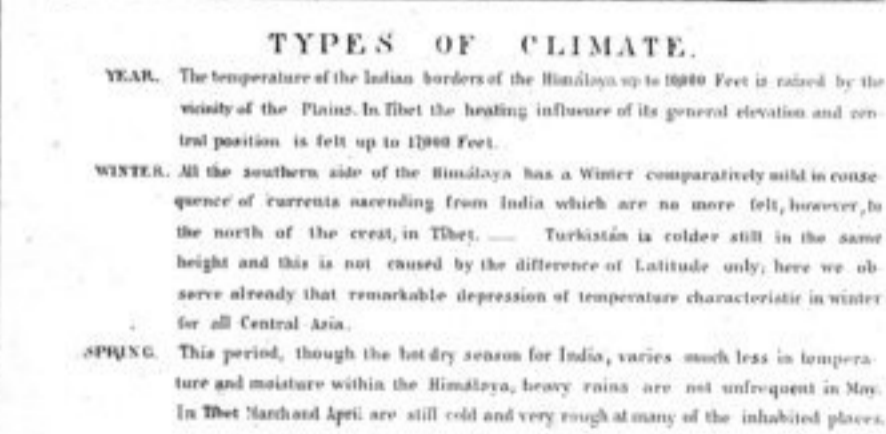
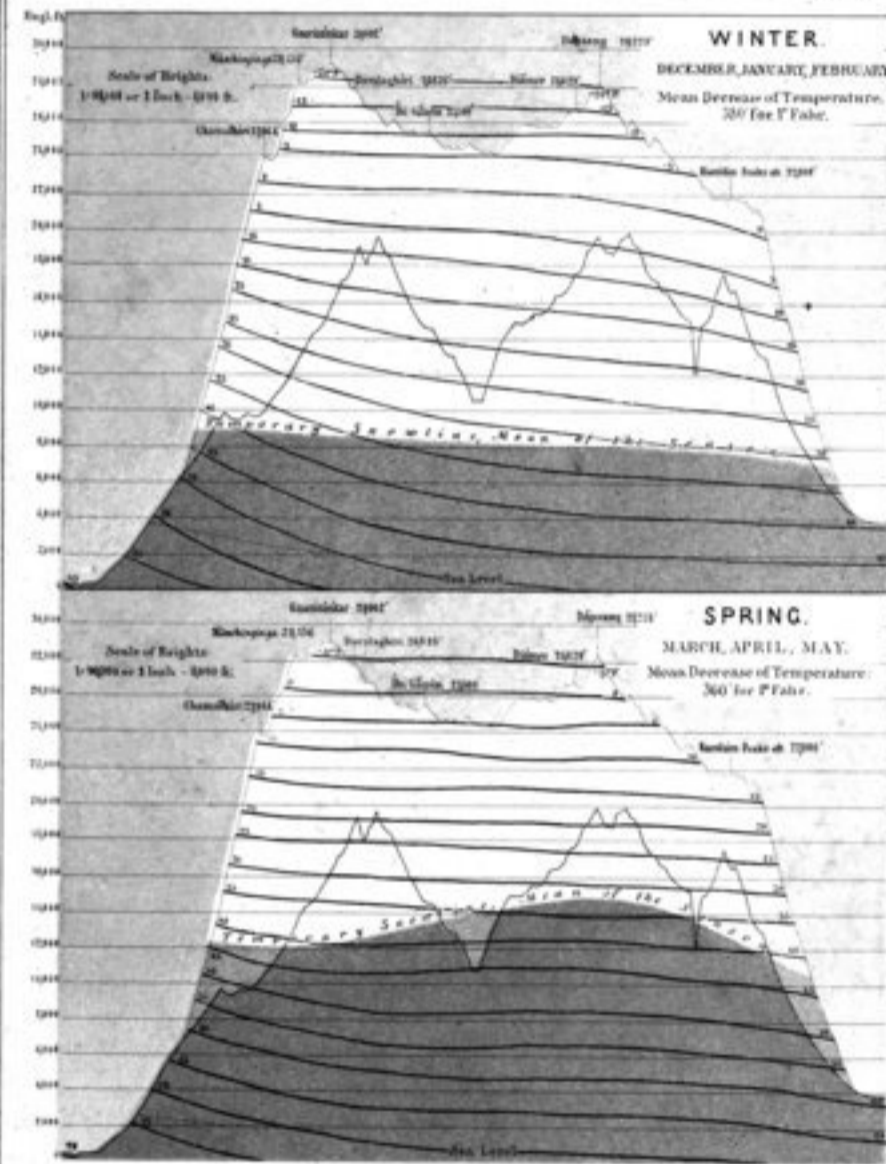
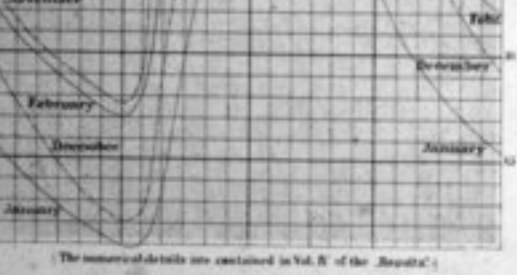
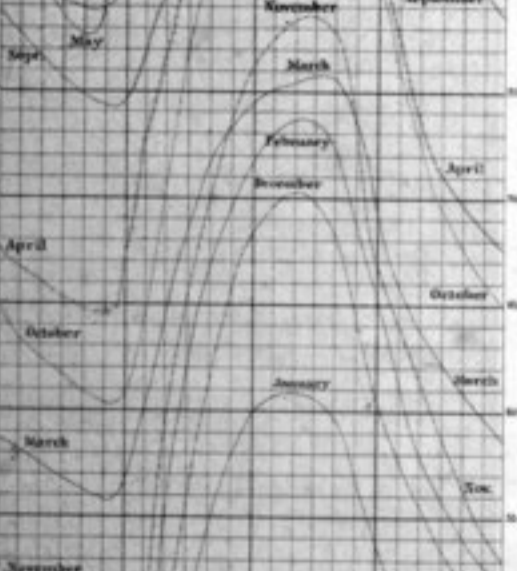
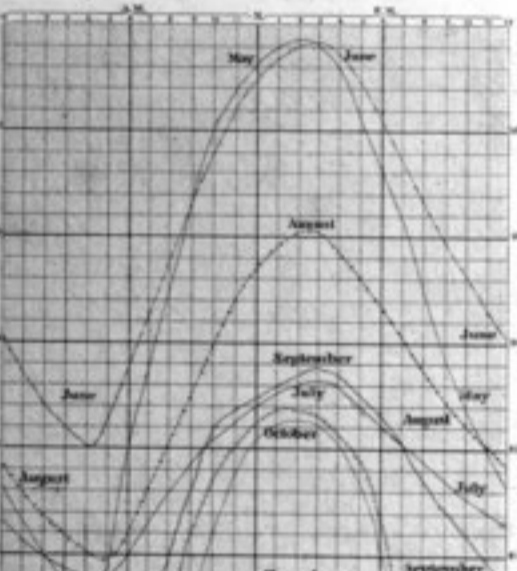
Table 4: WESTERN TIBET, AND TURKISTAN. Columns include Station, Lat. N., Long. E., Height, and monthly mean temperatures from Jan to Dec.

ISOTHERMAL PROFILES FOR THE YEAR AND THE SEASONS.

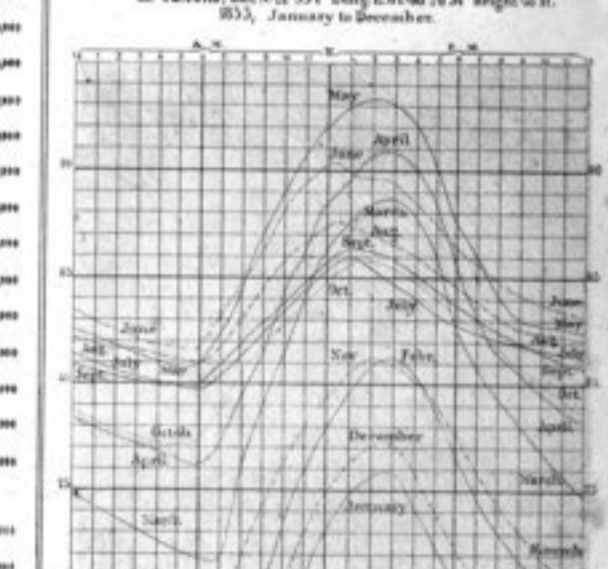
DAILY VARIATION OF TEMPERATURE. I. Bombay, Lat. N. 19° 03' Long. E. 72° 49' Height 33 ft.



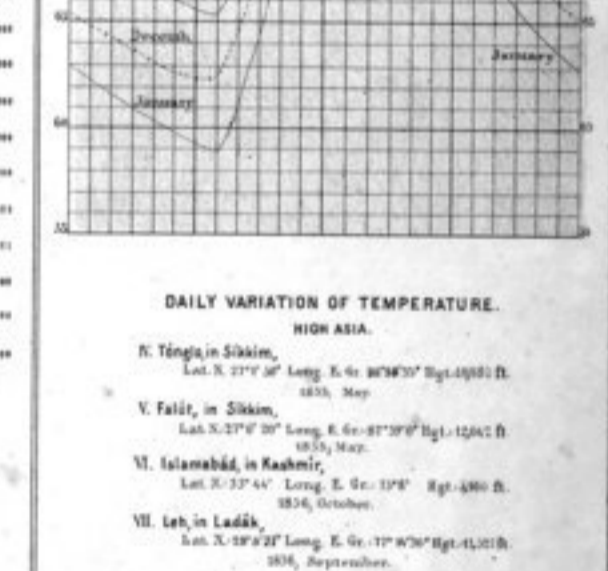
DAILY VARIATION OF TEMPERATURE. II. Amboi, Lat. N. 19° 03' Long. E. 72° 49' Height 33 ft.



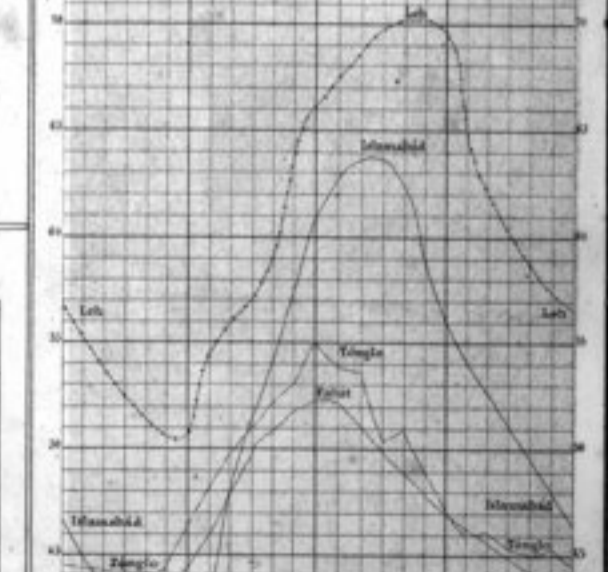
DAILY VARIATION OF TEMPERATURE. III. Calcutta, Lat. N. 22° 33' Long. E. 88° 27' Height 33 ft.



DAILY VARIATION OF TEMPERATURE. IV. Tángin, Sikkim, Lat. N. 27° 00' Long. E. 87° 30' Height 10,000 ft.



DAILY VARIATION OF TEMPERATURE. V. Falit, in Sikkim, Lat. N. 27° 00' Long. E. 87° 30' Height 10,000 ft.



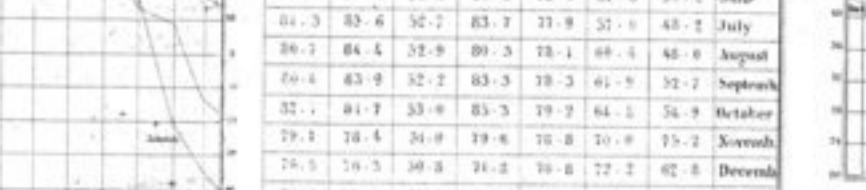
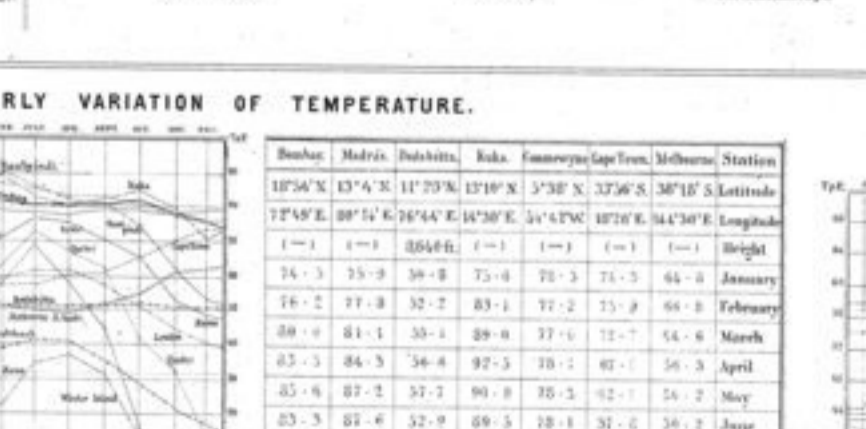
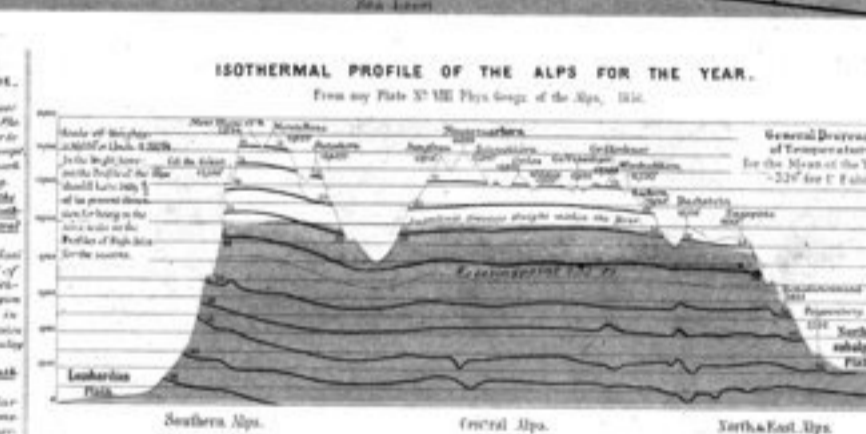
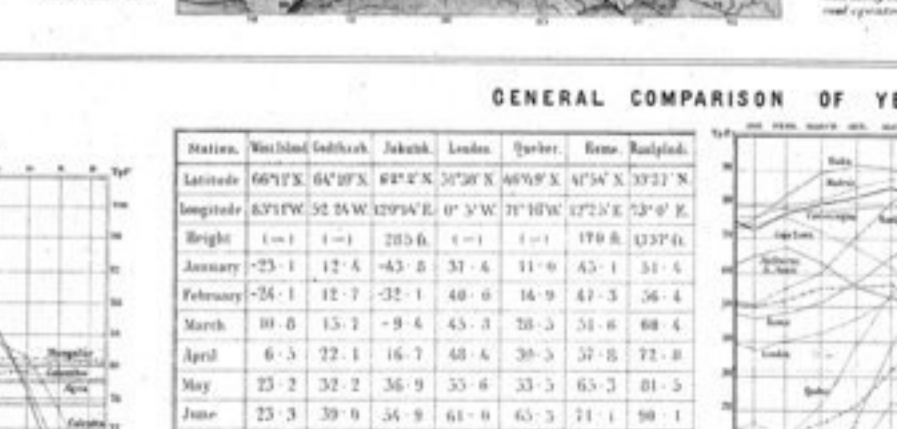
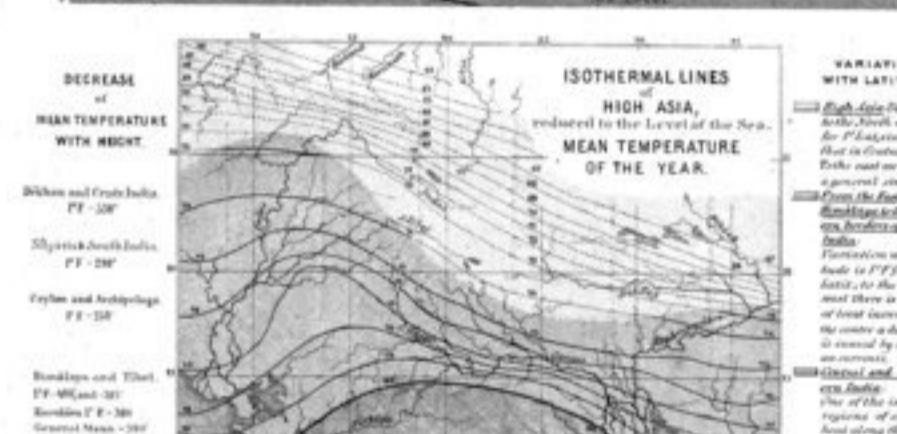
DAILY VARIATION OF TEMPERATURE. VI. Islamábád, in Kashmir, Lat. N. 33° 44' Long. E. 74° 50' Height 4,800 ft.



TYPES OF CLIMATE. YEAR. The temperature of the Indian borders of the Himalaya up to 10,000 Feet is raised by the vicinity of the Plains. In Tibet the heating influence of its general elevation and general position is felt up to 10,000 Feet.

WINTER. All the southern side of the Himalaya has a Winter comparatively mild in consequence of currents ascending from India which are no more felt, however, in the north of the crest, in Tibet. — Turkistán is colder still in the same height and this is not caused by the difference of Latitude only, here we observe already that remarkable depression of temperature characteristic in winter for all Central Asia.

SPRING. This period, though the hot dry season for India, varies much less in temperature and moisture within the Himalaya, heavy rains are not infrequent in May. In Tibet the hard April are still cold and very rough at many of the inhabited places.



TYPES OF CLIMATE. (CONTINUED.) SUMMER. The heavy rains in the Himalaya limit the increase of heat otherwise corresponding to the season, whilst in Tibet an unexpected accumulation of heat is observed, it is partly the consequence of a cloudless state of the sky, but that it is felt in heights as very great is not less the effect of the general elevation of soil. The higher parts of the atmosphere too are thoroughly affected by the tropical winds and by the currents of heated air rising from the Tibetan Highlands. In India the decrease of temperature with height during the rains is throughout the most rapid when compared with the other seasons, in High Asia this season has the slowest decrease.

AUTUMN. In Autumn too the central parts of High Asia are still comparatively warm, an accumulation of cold air is produced in its lower parts.

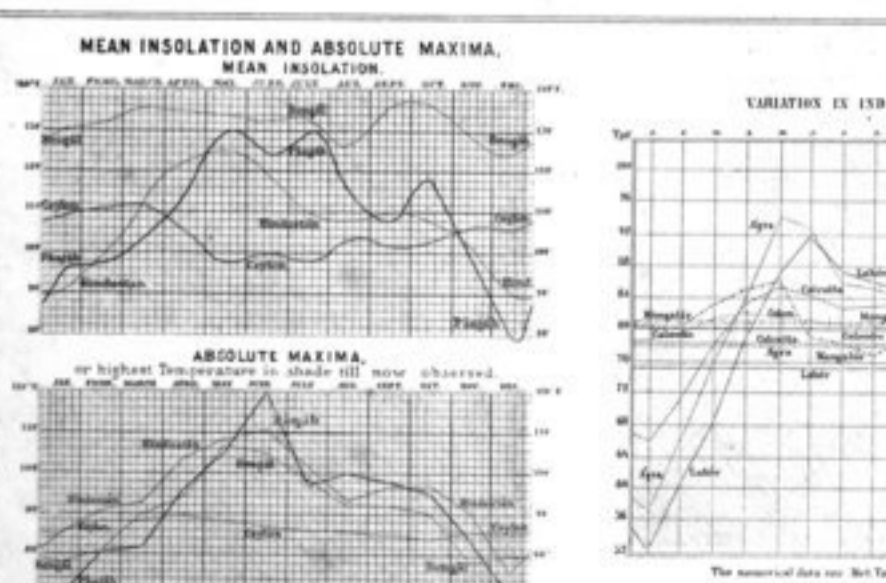


Table: GENERAL COMPARISON OF YEARLY VARIATION OF TEMPERATURE. Columns include Station, Latitude, Longitude, Height, and monthly mean temperatures from Jan to Dec.

