

Western Sahara borders the Atlantic Ocean, Morocco, Algeria and Mauritaria. The land is one of the most arid and inhospitable regions. Due it is sparsely populated. Nevertheless it is rich in phosphates. The Western Sahara is on a variety of forms: rocky plateau, pebbly plain, dunes of shifting sand, mountainous escarpments The central core has rare, almost no rainfall. This "dead" land is not lifeless. In this dried vegetation we can find insects, scorpions or lizards. SAHARA Arabic: _کرب ال ا مارج ص ل , English: The Great Desert Area: 9,00,000km² Highest point: Emi Koussi 3,415 m ^{3.5} Length: 4,800 km E/W Width: 1,800 km N/S

POPULATION, CLIMATE, FAUNA, FLORA, SOILS

POPULATION OF THE SAHARA

Two thirds of Sahara's population (2 million inhabitants) live in oases, where date palms, vegetables, fruits and other crops are produced under irrigation.

Nomads, mainly in drier areas, continue to use/create oases, including modern oasis created by the drilling of wells. Principal ethnic groups in the Sahara: Tuareg, Berber, Arab, Tibu¹

CLIMATE

The climate of the Sahara traverses enormous variations between wet and dry. The Sahara is located in the trade wind belt. Winds blow constantly from the northeast. They are known as Sirocco, Khamsin, Simoon or Harmattan. These winds reach often hurricane speeds.

Rainfall is sparse and variable. The annual total average is less than 12.7 cm. Long dry periods can sometimes last for years. The southern part receives rain in summer, the Mediterranean coast in winter.

Daytime temperatures are high. The world's highest official temperature in the shadow was recorded in Azzizia, Lybia (58°C). At night it looses heat rapidly.

From December to February freezing temperatures are common.

Generally the Sahara is divided in two sub-climates; a dry subtropical climate in the north and a dry tropical climate in the south. 1,2,3

FI ORA

Three quarters of the Sahara are without vegetation. The flora of the Sahara is estimated to have 1200 species, about 104 families.3 Because of the hard conditions, plans have small leaves and long roots. In Bed Rivers we find tamarisks and acacias. In the region near gueltas only laurel and cypress trees remain. The Arabs introduced the Date palms. Dates are very energetic food and are important for humans in the oasis

FAUNA

Animals have adapted to the extremely conditions of the Shifting sands and bare rock occupy about one-fifth of the desert. They live in strategies to preserve water and avoid Sahara. More than half of the area comprises soils known hot weather:

skin reflects the sun, search for water and food at night, The major part contains soils. Western Sahara has only one large ears to regulate calorific waste, short hair for better significant mineral production, the phosphate mine at Bou thermolysis.

Most common animals in the Sahara:

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monitor lizard, sand vipers, death stalker scorpoion.¹

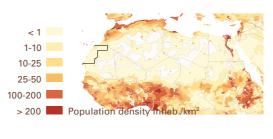
SOILS

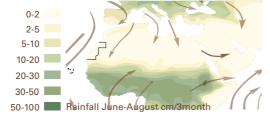
as *yermosols*. ³The south-eastern part of Western Sahara Thick skin and underground life for scorpions, coloured is covered by large NE-SW striking dune accumulations. Craa (central-northern West Sahara). Over the past years the production of phosphates was stable, 1.5mt/year.

Addaxes, gazelles, fennecs, camels, cheetah, ostrich, goats, The exploration for hydrocarbon in Tarafaya was not yet successful. 4



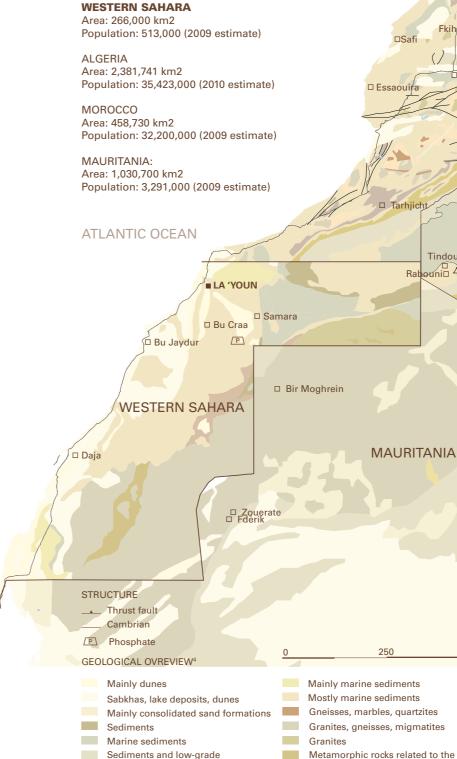
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metasediments

Mauritanide orogeny

