

GEOGRAPHICAL AREA AND CLIMATE SCENARIO OF NCT, DELHI

With a total area of 42.7 km² (16.5 sq mi) New Delhi forms a small part of the Delhi metropolitan area. Since the city is located on the [Indo-Gangetic Plain](#), there is little difference in elevation across the city. New Delhi and surrounding areas were once a part of the [Aravali Range](#); all that is left of those mountains is the [Delhi Ridge](#), which is also called the Lungs of Delhi. While New Delhi lies on the floodplains of the [Yamuna River](#), it is essentially a landlocked city. East of the river is the urban area of [Shahdara](#). The climate of New Delhi is a [hot semi-arid climate](#) bordering on a dry-winter [humid subtropical climate](#) with high variation between summer and winter in terms of both temperature and rainfall. The temperature varies from 46 °C (115 °F) in summers to around 0 °C (32 °F) in winters. The area's version of a humid subtropical climate is noticeably different from many other cities with this climate classification in that it features long and very hot summers with [dust storms](#), relatively dry and mild winters with [wildfirehaze](#), and a [monsoonal](#) period. Summers are long, extending from early April to October, with the monsoon season occurring in the middle of the summer. Winter starts in November and peaks in January. The annual mean temperature is around 25 °C (77 °F); monthly daily mean temperatures range from approximately 14 to 34 °C (57 to 93 °F). The average annual rainfall is 714 millimeters (28.1 in), most of which is during the monsoons in July and August.

Socio-Economic Profile of Delhi

Delhi is the capital of India and largest metropolitan city with the estimated population of 16.78 million (as per census in 2011)

S.No.	Particular	Number
1.	Area	1,484 square kilometers
2.	District	09
	Block	11
	Villages	357
3.	Population	1,67,87,941
	Rural	4,19,042
	Urban	16,3.68,899
4.	Total cultivated area (ha.)	47000 ha.

Source: Revenue department, Delhi

Agriculture Profile

Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Agri-Dairy system (with rice in <i>kharif</i> and wheat in <i>rabi</i> as major crops)
2	Agri- Dairy system (Mustard as major oilseed crop and Jowar/Bajra as fodder crop)
3	Agri- Horticulture (Floriculture) system
4	Agri- Horticulture (Mushroom) system
5	Agri- Vegetables-Dairy system

Description of agro-climatic zone & major agro ecological situations.

Agro-climatic Zone & agro ecological situations (based on soil and topography)

Sl. No.	Agro-climatic Zone	Soil type and characteristics	Topography
1	Trans-Gangatic Plains région (Zone VI)	Sandy loam to sandy clay loam - Light to medium in texture, pH slightly saline with low organic matter content (0.2 to 0.4 %), low water holding capacity. Wide range of crops can be grown but constraint is saline water for irrigation.	The most of the topography of soils is plain of NCT Delhi.

Major Soil Types in NCT, Delhi

S. No	Soil type	Characteristics	Area in ha
1	Sandy loam to sandy clay loam	Sandy loam to sandy clay loam - Light to medium in texture, pH slightly saline with low organic matter content (0.2 to 0.4 %), low water holding capacity. Wide range of crops can be grown but constraint is saline water for irrigation	47000.00

Area, Production and Productivity of major crops cultivated in the district (2022)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Q/ha)
1	Paddy	6123.00	28530	46.59
2	Wheat	18090.00	81405	45.00
3	Barley	50.00	200	40.00
4	Bajra	1365.00	3750	27.47
5	Maize	20.00	102	51.00
6	Jowar	2890.00	2750	9.52
9	Mustard	3593.00	4527	12.60
10	Vegetables and Fruits Cultivation	23043.00	-	-
11	Flowers	5995.00	-	-

Source: Office of Joint Director (Agriculture), Development Department, GNCT- 2022.

Production and productivity of livestock, Poultry, Fisheries in the Delhi

Category	Population	Production	Productivity
Cattle	86433		
Crossbred	47935	606232 L Milk	12.65 L / Animal/ Day
Indigenous	24498	97683 L Milk	3.98 L / Animal/ Day
Buffalo	162142	1286925 L Milk	7.94 L / Animal/ Day
Sheep	932		
Crossbred	654	9425 Kg/ Meat	14.4 Kg/ Animal
Indigenous	278	3529 Kg/ Meat	12.6 Kg/ Animal
Goats	30470	262042 Kg/ Meat	8.6 Kg/ Animal
Poultry	44000	58225 Kg/ Meat	1.33 Kg/ Bird

Source: State Livestock Department, NCT Delhi 2019-20