

# Lakshadweep

**Lakshadweep** (Malayalam: [leksedβwi:bi]) is a union territory of India. It is an archipelago of 36 islands[b] divided into three island subgroups: the Amindivi Islands in the north, the Laccadive Islands (separated from Amindivi roughly by the 11th parallel north), and the atoll of Minicoy to the south of the Nine Degree Channel. The islands are located between the Arabian Sea to the west and the Laccadive Sea to the east, about 220–440 km (140–270 mi) off the Malabar Coast of mainland India.

The islands occupy a total land area of approximately 32.62 km<sup>2</sup> (12.59 sq mi) with a population of 64,473 as per the 2011 census across the ten inhabited islands. There is a 132 km (82 mi) long coastline with a lagoon area of 4,200 km<sup>2</sup> (1,600 sq mi), territorial waters of 20,000 km<sup>2</sup> (7,700 sq mi) and an exclusive economic zone of 400,000 km<sup>2</sup> (150,000 sq mi). Lakshadweep is the northernmost island group of the exposed undersea mountain range, the Chagos-Lakshadweep Ridge. The entire union territory is administered as a single district with Kavaratti as its capital.

Archaeological evidence from Kalpeni indicates human settlement in the region from at least 1500 BCE with early reference to the islands in the Buddhist Jataka tales from the 3rd century BCE and the Tamil Sangam literature *Patirruppattu*. The region was controlled by the Cheras in the Sangam period (3rd century BCE to 3rd century CE) and later by the Pallavas. Islam is presumed to have been brought in the 7th century by the arrival of Muslims. In the 11th century CE, the region was under influence of the Chola kingdom and formed a part of the trade route that connected the Middle East with South Asia. It came under the influence of the Portuguese briefly in the late 15th century CE before being ruled by the Arakkal kingdom, who were vassals of the Kolathiri Rajas of Kannur. The region was under the influence of the Mysore kingdom in the late 18th century and was later annexed to the British Empire in 1799 CE. The islands became part of the Dominion of India following the Indian Independence in 1947 and was incorporated as a union territory in 1956.

The name Lakshadweep literally means "one hundred thousand islands" in <u>Malayalam</u> and <u>Sanskrit</u>. <u>English</u> is the designated official language while <u>Jeseri</u>, a dialect of <u>Malayalam</u>, is the widely spoken <u>native</u> <u>language</u>. <u>Dhivehi</u> is the most spoken language in the <u>Minicoy Island</u>. The region comes under the <u>judicial jurisdiction</u> of the <u>Kerala High Court</u>. <u>Fishing</u> and <u>agriculture</u> are the major occupations in the islands.

## Etymology

The name Lakshadweep is derived from *Lakṣadvīpa* meaning "one hundred thousand islands," presumably from <u>Sanskrit</u> or <u>Malayalam</u>.<sup>[7]</sup> <u>Laccadive</u> seems to be the result of the anglicization of the given name during the <u>British Raj</u>.<sup>[8]</sup> <u>Amindivi</u> derives its name from the Amindivi people, who were the earliest inhabitants of the Amini Island.<sup>[9]</sup> The

#### Lakshadweep

#### **Union Territory**



Clockwise from top: Kadmat Island; Minicoy
Island; airport on Agatti Island; Reefs in Laccadive
Sea;and Kalpeni Island



Emblem of Lakshadweep



Location of Lakshadweep in India Coordinates: 10.57°N 72.64°E

native name of the Minicoy Island is Maliku, and the given name is the anglicized version derived from the Nicobarese word Minikaa-raajje (meaning "land of the cannibals") as the island was known then in the Andaman and Nicobar.[10]

### History

### **Early history**

The early human migration from Africa to the Andaman Islands through India was thought by scientists to include Lakshadweep because of its location between Africa and the southwestern region of India. However, later genetic studies indicated that the majority of human ancestry in the islands derived from South Asia. [11] Archaeological evidence from Kalpeni indicate the existence of human settlements in the region from at least 1500 BCE. [12] The islands are mentioned in the Buddhist Jataka tales, dated to 3rd century CE. [12][13] Archaeological evidence indicates the spread of Buddhism to the islands during the time of Sanghmitra, the daughter of emperor Ashoka, presumed to have visited the island. [14] Tamil Sangam literature Patirruppattu mentions that the region was ruled by the Cheras, one of the three kingdoms of ancient Tamilakam, in the Sangam period (3rd century BCE to 3rd century CE). [15]

The islands have been known to sailors since at least 1st century CE, as indicated in the Periplus of the Erythraean Sea. It contains an anonymous reference to the islands off the coast of Damirica as a source of a turtle shell. [16][17] In 2nd century CE, Greek historian Ptolemy mentions 1378 islands located opposite to Taprobane (Sri Lanka) with the names of some of the islands given as Kanathara (Kavaratti), Argidion (Agatti), Ammine (Amini), and Monache (Minicoy). The islands later became part of a trade route with the Roman empire, with archeological evidence from as early as 2nd century CE obtained from Kadamath and Androth islands. Other travelers and historians such as Ammianus Marcellinus (4th century CE), Faxian (5th century CE), and Cosmas (6th century CE) mention the islands in their writings. [17]

#### Middle Ages

Local traditions attribute the first settlement on the islands to <u>Cheraman Perumal</u>, the last Chera king of Kerala, though no historical evidence exists apart from the presence of ancient <u>Hindu social stratification</u>. According to local tradition, <u>Islam</u> was brought to the islands by <u>Ubaidullah</u> in 661 CE, whose purported grave is located in the Andrott island. <u>Islam</u> Inscriptions from <u>Vayalur</u> (in <u>Tamil Nadu</u>) indicates a <u>naval battle</u> fought during the reign of <u>Narasimhavarman II</u> (680-720 CE), which resulted in the capture of the territory by the <u>Pallavas</u> of <u>Kanchi</u> in

- Wikipedia					
Country	India				
Region	South India				
Formation	1 November 1956				
Capital	Kavaratti				
Largest city	Andrott				
Government					
• Body	Government of				
	Lakshadweep				
• Administrator	Praful Khoda Patel <sup>[1]</sup>				
National Parliament	Parliament of India				
• Lok Sabha	1 seat				
High Court	Kerala High Court				
Area <sup>[2]</sup>					
• Total	32.62 km <sup>2</sup> (12.59 sq mi)				
• Rank	36th				
Population (2011) <sup>[3]</sup>					
• Total	64,473				
• Density	1,976/km <sup>2</sup> (5,120/sq mi)				
Language  • Official	English <sup>[4]</sup>				
• Additional	Malayalam <sup>[a]</sup>				
official	<u>ivialayalam</u>				
Time zone	UTC+05:30 (IST)				
ISO 3166 code	IN-LD				
Vehicle	LD				
registration					
<b>HDI</b> (2019)	0.751 ( <u>4th</u> )				
Literacy (2011)	91.85%				
Sex ratio (2011)	946 <u>♀</u> /1000 <u>♂</u> (1st)				
Website	lakshadweep.gov.in (htt p://lakshadweep.gov.in)				
Symbols	of Lakshadweep				
	٠				
	乔				
Lakshadweep					
Emblem	Emblem of Lakshadweep				
Bird	Sooty tern				
Fish	Butterfly fish				
Flower	<u>Neelakurinji</u>				
Tree Bread fruit					
List of union territory symbols					

the late 7th century CE. Epigraphs indicate the capture of the region of *Kavadi Dvepa* (presumably Kavaratti) by the <u>Kadambas</u> in the 10th century CE. In the 11th century CE, the islands came under the rule of the <u>Cholas</u>. Chola inscriptions from <u>Thanjavur</u>, indicate that the region was captured by <u>Rajendra Chola I</u> in 1018-19 CE. [20][21] In the late 11th century CE, it became part of a small Hindu kingdom before being passed on to the <u>Kingdom of Kannur</u> in early 12th century CE. The islands are mentioned in the writings of travelers Marco Polo and Ibn Battuta in the 13th-14th century CE.

#### **European colonization**



Map of the islands (1877)

In the late 15th century CE, the islands came under the control of the Portuguese as a source of coir for their industries. The native islanders revolted against the Portuguese and expelled them in 1545 CE. [16][23] In the mid 16th century CE, all inhabited islands were conferred as *jagir* (land grant) to the ruling family of Kannur by the Chirakkal family of Kolathiri to grant protection from the Portuguese. [24][25] The Aminidivi islands came under the rule of Tipu Sultan of Mysore Kingdom in 1787 CE and were later annexed to the British Raj in 1799 CE after the Fourth Anglo-Mysore War. [16] The rest of the islands remained under the suzerainty of the Arakkal family in return for a payment of annual tribute to the British. [26] The British took over the administration of these islands in 1908 CE, citing the nonpayment of taxes, and attached it to the Madras Presidency. [27]

#### Post Independence

After <u>Indian Independence</u> from colonial British rule in 1947, the islands became part of the <u>Dominion of India</u>, and later came under the administration of the <u>Madras State</u> after the <u>Constitution of India</u> was enacted in 1950. Following the <u>States Reorganisation Act (1956)</u>, the islands, which were earlier divided between the <u>South Canara</u> and <u>Malabar districts</u> of the Madras state, were organized into a separate <u>union territory</u> administered by the <u>Government of India</u>. The Laccadive, Minicoy, and Amindivi Islands were collectively renamed as the

Lakshadweep islands on 1 November 1973. The headquarters of the union territory remained at  $\underline{\text{Kozhikode}}$  until 1964, when the seat of the  $\underline{\text{Administrator}}$  was shifted to  $\underline{\text{Kavaratti.}}^{[31]}$  The territory has developed into a key  $\underline{\text{Indian naval}}$  establishment due to its strategic location near vital shipping lanes from India to the Middle East.  $\underline{\text{Indian naval}}$ 

### Geography

Lakshadweep is an archipelago of 36 islands and islets that includes 12 atolls, three reefs, and five submerged banks. [7][33] The islands occupy a total land area of approximately 32.62 km<sup>2</sup> (12.59 sq mi) and only ten of the islands are inhabited. [2][34] The islands are located between the Arabian Sea to the west and the Laccadive Sea to the east, about 220-440 km (140-270 mi) off the Malabar Coast of mainland India. [16][7] The territory is divided into three island subgroups: the Amindivi islands in the north, the Laccadive islands in the East (separated from Amindivi by the 11th parallel north), and the atoll of Minicoy to the south of the Nine Degree Channel. [35] The islands have a 132 km (82 mi) long coastline with a lagoon area of 4,200 km<sup>2</sup> (1,600 sq mi), territorial waters of 20,000 km<sup>2</sup> (7,700 sq mi), and an exclusive economic zone of 400,000 km<sup>2</sup> (150,000 sq mi).[34]



Lakshadweep is the northernmost island group of the exposed undersea mountain range, the <u>Chagos-Lakshadweep Ridge</u>. While there are no conclusive theories about the formation of the atolls, <u>Charles Darwin</u> proposed in 1842 CE that the subsidence of a volcanic island resulted in the formation of a fringing reef, which grew upwards with continual subsidence. The individual islands are small, with none of them measuring more than 1 mi (1.6 km) across. Most inhabited islands are situated on the eastern side of Lakshadweep and away from the low-lying lagoons to the West. The soil is generally sandy, derived from coral. According



Bangaram Atoll, an uninhabited island, is covered with coconut palms

to a 2017 report, the Parali I island of Bangaram atoll has eroded and is completely inundated. Four other islands in the atoll also show various degrees of erosion: Parali II (80%), Thinnakara (14.4%), Parali III (11.4%), and Bangaram (9.9%). [6]

#### Climate

The islands have a <u>tropical monsoon climate</u>, bordering on a <u>tropical savanna climate</u>. The weather is warm throughout the year with temperatures ranging from 20 to 32 degree <u>Celsius</u>. While <u>tropical cyclones</u> arising in the Arabian Sea rarely strike the islands due to its smaller size, winds and waves associated with them could alter the features of the islands considerably. [16]



A Green turtle in the Laccadive Sea

Climate data for Lakshadweep 1981–2010, extremes 1996–2012													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Record high °C (°F)	35.3 (95.5)	35.3 (95.5)	38.0 (100.4)	37.8 (100.0)	37.0 (98.6)	37.8 (100.0)	32.7 (90.9)	34.8 (94.6)	33.3 (91.9)	35.0 (95.0)	35.0 (95.0)	36.3 (97.3)	38.0 (100.4)
Mean daily maximum °C (°F)	31.2 (88.2)	31.5 (88.7)	32.4 (90.3)	33.2 (91.8)	32.8 (91.0)	31.1 (88.0)	30.4 (86.7)	30.5 (86.9)	30.5 (86.9)	30.9 (87.6)	31.4 (88.5)	31.3 (88.3)	31.4 (88.5)
Mean daily minimum °C (°F)	25.8 (78.4)	26.0 (78.8)	27.0 (80.6)	28.1 (82.6)	27.6 (81.7)	25.9 (78.6)	25.7 (78.3)	25.8 (78.4)	25.8 (78.4)	26.1 (79.0)	26.1 (79.0)	25.9 (78.6)	26.3 (79.3)
Record low °C (°F)	22.5 (72.5)	23.5 (74.3)	24.2 (75.6)	23.2 (73.8)	22.1 (71.8)	22.3 (72.1)	22.7 (72.9)	22.5 (72.5)	22.7 (72.9)	22.2 (72.0)	22.1 (71.8)	22.8 (73.0)	22.1 (71.8)
Average rainfall mm (inches)	8.3 (0.33)	2.0 (0.08)	0.5 (0.02)	5.6 (0.22)	85.1 (3.35)	260.5 (10.26)	400.1 (15.75)	395.5 (15.57)	309.6 (12.19)	99.1 (3.90)	27.5 (1.08)	9.1 (0.36)	1,602.9 (63.11)
Average rainy days	2.1	0.9	0.1	0.4	6.5	16.0	16.1	12.5	10.0	9.3	5.5	2.4	79.5
Average relative humidity (%) (at 17:30 IST)	69	68	67	67	72	79	80	78	78	77	75	70	73

Source: India Meteorological Department [37][38]

#### Flora and fauna

Lakshadweep is part of the Maldives-Lakshadweep-Chagos Archipelago tropical moist forests ecoregion. There are no forests on the islands. Nearly 400 species of flowering plants have been documented, including three species of sea grasses Cymodocea isoetifolia, Syringodium isoetifolium and Thalassia hemprichii, other angiosperms such as Pandanus, Heliotropium foertherianum, Tournefortia argentea and Pemphis acidula, fungi, algae, and lichens. The common flora of the atolls include coconut groves and coastal shrubs such as Pemphis acidula, Cordia subcordata, Scaevola taccada, Thespesia populnea, Suriana maritima, Dodonaea viscosa, Guettarda speciosa, and seaweeds such as sea lettuces, Codium, and Hypena. [41][42]

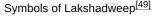


Domestic ducks in Kavaratti

There are over 600 recorded species of marine fishes, 78 species of <u>corals</u>, 82 species of <u>seawed</u>, 52 species of <u>crabs</u>, 2 species of <u>lobsters</u>, 48 species of <u>gastropods</u>, and 12 species of <u>bivalves</u>. It is one of the four <u>coral reef</u> regions in India.

<u>Cetacean</u> diversity off the Lakshadweep Islands and in adjacent areas include various whales (e.g., <u>pygmy blue</u>, <u>Bryde's</u>, <u>sperm</u>, <u>orca</u>, <u>pilot whale</u>), and <u>dolphins</u>. [45][46][47] The commonly seen are introduced <u>cattle</u> and <u>poultry</u>. [9] Other notable marine fauna include <u>sharks</u>, <u>bonitos</u>, <u>tunas</u>, <u>snappers</u>, flying fish, Manta rays, octopuses, crabs, and turtles. [16] There are 101

species of birds, common amongst them include the <u>brown noddy</u> and <u>sooty tern</u> and <u>water birds</u> such as <u>herons</u>, <u>teals</u>, and <u>gulls</u>. [16][41][9] <u>Pitti</u> island is a declared bird sanctuary and an important breeding place for <u>sea turtles</u> and a number of <u>pelagic birds</u> including the brown noddy, <u>lesser crested tern</u>, and <u>greater crested tern</u>. [48]



Animal	Butterfly fish (Chaetodon falcula)	Bird	Sooty tern (Sterna fuscata)	
Tree	Bread fruit (Artocarpus incisa)	Flower	Neelakurinji (Strobilanthes kunthiana)	

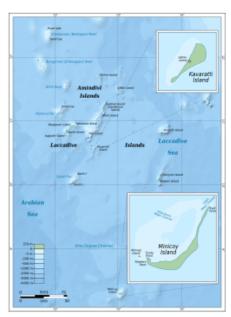


Acanthurus leucosternon in the Laccadive Sea

### **Administration and politics**

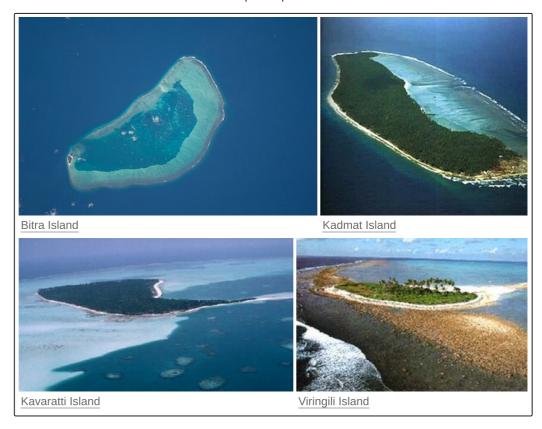
Lakshadweep is a Union Territory and is governed by an <u>administrator</u> on behalf of the Government of India. [50][51] It was established in 1956 and constitutes a single <u>Indian district</u>. [30][52] The headquarters of the union territory were at Kozhikode until 1964, when the seat of the <u>administrator of the islands</u> was shifted to Kavaratti. Since then, the administration secretariat is based in Kavaratti. [53][54]

The territory is divided into ten administrative sub-divisions headed by sub-divisional officers, except the Minicoy and Agatti islands which are headed by deputy collectors. [55][56] The ten inhabited islands have village panchayats consisting of a total of 88 members across islands. These panchayats are combined to form a district panchayat, which has 26 elected members including the chairpersons of the ten village panchayats and the Member of Parliament for Lakshadweep Lok Sabha Constituency. [57] The territory is also divided into five community development blocks: Kavaratti, Amini, Andrott, Minicoy and Kiltan, each administered by Collector-cum-Development Commissioner, who is in charge of revenue and land settlement in their respective block. The commissioner also serves as a District magistrate and is assisted by an additional district magistrate and ten executive magistrates for enforcement of law and order. The administrator acts as the Inspector General of Police and has command and control of the Lakshadweep Police, which has a sanctioned strength of 349 personnel across nine police stations.



Map of Lakshadweep

The territory elects one member to the <u>lower house</u> of the <u>Indian parliament</u>, the <u>Lok Sabha</u>. Lakshadweep is a reserved constituency for <u>Scheduled Tribes</u>. The union territory falls under the <u>judicial</u> jurisdiction of the <u>Kerala High Court</u> at <u>Kochi</u>, and has a system of lower courts under its authority. There is a <u>district and sessions court</u> in Kavaratti (established in 1997) and two <u>munsiff courts</u> in Andrott and Amini islands. [61][62]



List of islands of Lakshadweep<sup>[34][63][64][65]</sup>

Name	Sub-division	Area (km²)	Population (2011)				
Aminidivi Islands							
Bitra	Bitra	0.10	271				
Chetlat	Chetlat	1.174	2,347				
Kiltan	Kiltan	1.7	3,946				
Kadmat	Kadmat	3.34	5,404				
<u>Amini</u>	<u>Amini</u>	2.67	7,661				
Laccadive Islands							
Andrott	Andrott	4.9	11,191				
Agatti		3.84	7,556				
Kalpati		0.085	_				
Bangaram		0.57	_[c]				
Thinnakkara	Agatti	0.522	_				
Parali I	•		_				
Parali II	•	0.089	_				
Parali III			_				
Kavaratti		4.22	11,221				
Pitti (Bird Island)	Kayaratti	0.001	_				
Valiyakara	Kavaratti	0.395	_				
Cheriyakara		0.383	_				
Kalpeni		2.79	4,419				
Pitti I		0.020	_				
Pitti II		0.028	_				
Cheriyam	Kalaasi	0.537	_				
Kodithala	Kalpeni	0.0027	_				
Thilakam I			_				
Thilakam II		0.055	_				
Thilakam III			_				
Minicoy							
Minicoy	Miniogy	4.801	10,447				
Viringili	Minicoy	0.025	_				
Total		32.69 <sup>[d]</sup>	64,473				

### **Demographics**

According to the <u>2011 census</u>, Lakshadweep has a <u>population</u> of 64,473, consisting of 33,123 (51.3%) males and 31,350 (48.7%) females, and had a <u>sex ratio</u> of 946 females per 1,000 males in 2011. [3][66] It also recorded the <u>highest</u> sex ratio at birth amongst Indian territories as per the <u>National Family Health Survey</u> (NFHS) in 2021. [67] As per the 2011 census, there were a total of 11,574 households and about 50,332 (78%) of the population lived in urban areas. [3] As per the <u>NSO</u> survey in 2017, the <u>literacy rate</u> was 92.28%, the <u>second highest</u> amongst all Indian territories. [68] As per the NFHS, the <u>fertility rate</u> was 1.4, significantly below the national average of 2.0. [69]

### Religion and ethnicity

Islam (96.6%) is the major religion of people of the islands with <u>Sunni Islam</u> being the predominant denomination, followed by <u>Hinduism</u> (2.8%) and <u>Christianity</u> (0.5%). [70][71] Most settlers of the islands are descendants of migrants from the Malabar coast of Southwest India and are ethnically similar to the <u>Mappilas</u> of <u>Kerala</u>. [72][73] According to local tradition, Islam was brought to the islands by <u>Ubaidullah</u> in 661 CE. [18] Although Islam is the predominant religion currently, the earliest settlers were

Religion in Lakshadweep (2011) <sup>[70]</sup>					
Religion		Percent			
Islam		96.58%			
Hinduism		2.77%			
Christianity		0.49%			
Others		0.16%			

probably Hindus, evidenced by the current social stratification and <u>matrilineal</u> kinship system in Lakshadweep. The southernmost island of Minicoy is populated by the Mahls, an ethnic group also resident in the Maldives.

### Languages

English is the official language of the union territory. [4] Jeseri (also known as *Dweep Basha*), a dialect of Malayalam, is widely spoken language in the Amindivi and Laccadive islands. Mahl, a dialect of Dhivehi, is spoken in Minicoy. [76][77] There are minor variations of the same dialect across islands. [78]

Languages of Lakshadweep $(2011)^{[75]}$					
Language		Percent			
Malayalam (Jeseri)		84.17%			
Dhivehi (Mahl)		14.44%			
Others		1.39%			

Malayalam, written in the <u>Malayalam script</u>, was introduced as the primary language of Lakshadweep during the British Raj. This policy has been continued since independence, with Malayalam serving as a link language on all islands, including Minicoy. Previously, a type of <u>Arabic script</u>, known as the <u>Ponnani</u> or <u>Arabi Malayalam script</u>, was used as the writing system.

### **Economy**

The economy is dependent on <u>agriculture</u>, <u>fishery</u>, and <u>tourism</u>. [16] As of 2013, there were 72 registered <u>micro</u> and <u>small industries</u> majorly involved in the public sector, and the manufacture of <u>food products</u> and <u>furniture</u>. With a minimal arable land of 2.58 hectares, the major agriculture produce is coconuts. [40] The major exports from Lakshadweep are coconut products including <u>coconut fibre</u> (coir) and fishes. [40][81] The government runs five coir factories, five production demonstration centers, and seven curling units that produce coir fiber, yarn and mats. [82]

With a vast lagoon area and an exclusive economic zone of 400,000 km² (150,000 sq mi), fishing is a major industry. The estimated annual production is 21,016 tonnes of which 60% is tuna and related fishes. About 60% of the total production is converted to dried products and 40% is allocated for local consumption. Commercial fishing is concentrated around 11 islands with skipjack tuna and yellowfin tuna being the only commercial varieties. The government runs a tuna canning factory in the islands. Fishing is carried out using mechanized fishing boats, traditional country crafts, and country crafts fitted with outboard motors. [83][84]

Tourism in Lakshadweep began in 1974, when the Bangaram atoll was opened for international tourism. [85][86] According to government statistics, 10,435 domestic tourists and 1,313 foreign tourists visited the islands in 2018. [87] The government is promoting tourism as a means to increase the income of the local population,



<u>Coconut palms</u> on the islands are commercially important



Bangaram Atoll is being promoted as a tourist destination

with Bangaram and Kadmat islands being promoted as potential tourist destinations. To promote tourism, activities such as scuba diving, wind surfing, snorkelling, surfing, kayaking, canoeing, water skiing, sportfishing, yachting and night sea voyages have been established. Tourists require permission to visit Lakshadweep and foreign nationals are not permitted to visit certain islands. According to the current alcohol laws of India, alcoholic beverage consumption is not

permitted on the islands, except on Bangaram. [90] In 2024, the government proposed further programmes to improve infrastructure and promote tourism. [91] The potential negative effects of tourism on the environment and ecosystem of the islands are a subject of debate. [92]

### **Infrastructure**

There is no single power grid that connects Lakshadweep; independent power houses cater to the power requirements of the islands. [93] Minicoy was the first island to be electrified in 1962, followed by Kavaratti in 1964 and others later, with Bitra being the last island to be electrified in 1982. Two <u>diesel</u> generators were established in 1962, which generate about 51.6 <u>Kilo Watts</u> of power. As of 2012, the islands have 41 diesel generators and 12 <u>solar photovoltaic systems</u> with a total installed capacity of 18.5 Mega Watts. [93] In January 2024, a <u>solar power plant</u> was commissioned to augment the power generation capacity. [94]

The world's first ever experimental <u>low-temperature thermal desalination</u> plant opened in Kavaratti in 2005, with a projected daily production capacity of 100,000 litres of potable water from seawater. The plant utilises the temperature difference between warm surface seawater and much colder seawater at about 500 m (1,600 ft) depth to generate potable water as well as energy. [95][96] The



There is limited <u>mobile communication</u> in the islands. Pictured is the office of state-owned BSNL in Kalpeni

technology was developed at the <u>National Institute of Ocean Technology</u> and the government has announced plans to build three more such plants. [97]

Mobile communication service is provided by state-owned <u>BSNL</u> across all inhabited islands and <u>Airtel</u> in Kavratti and Agatti islands. [98][99] In 2020, the government announced a project to install under-sea <u>fiber optic cable</u> for high-speed mobile and internet connectivity between Kochi and 11 islands of Lakshadweep, which was inaugurated in January 2024. [100][101] <u>Post</u> offices run by India Post provide mail service. [40]

Lakshadweep is served by four hospitals with 200 beds, four primary health centers, and 14 sub-health centers operated by the government. [40]

## **Transportation**

The only airport in the territory is Agatti Airport on Agatti Island. [102][103] The 1.2 km (0.75 mi) runway is capable of serving small turboprop aircraft. The government announced a plan in early 2024 to extend the runway to enable it to handle larger narrow body aircraft and expand the infrastructure to convert the airport into dual-use for civilian and military purposes. The construction of a greenfield airport at Minicoy Island was also proposed. [104] Two helicopters are presently operated by Pawan Hans and are utilised for passenger transport and emergency medical evacuation from the islands. [105][106]

As of 2019, there are 228 km (142 mi) of paved roads and no <u>railway</u> in the territory. [40][107] Additional roads have been planned, including a peripheral road at Kavaratti and beach front roads at Kadamath and Agatti islands. [108]



Passenger ship MV Amindivi

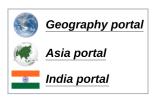
As of 2023, seven ships operate passenger services between <u>Kochi</u> and the islands, with seasonal boat/ferry services available between islands. [109][110] In 2024, the government unveiled a plan to develop three ports at Androth, Kalpeni and Kadamath islands as a part of the <u>Sagar Mala project</u>. [108] The ten inhabited island each have a minor port. [111] There are fifteen lighthouses on the islands, with the <u>Minicoy</u> Island Lighthouse (built in 1885) being the first modern lighthouse. [112][113][114]

The Indian Navy operates the INS Dweeprakshak naval base under the Southern Naval Command, commissioned in 2012. [115]

### **Education**

The first <u>public school</u> was opened in Amini in 1904, followed by the establishment of <u>elementary schools</u> at Kiltan in 1911 and Kadmat in 1925. The first high schools were established in the 1960s in Amini and Kalpeni. As of 2023, there are 50 schools catering to 8,350 students. There are four government colleges affiliated to <u>Pondicherry University</u> and two colleges and three university centers affiliated to <u>Calicut University</u> in the territory. [117][119][120][121]

### See also



- Coral reefs in India
- Andaman and Nicobar Islands

### **Notes**

- a. The UT is part of Group C regions in Official Language Rules, 1976 which uses English as the official language, but translations have been done for Malayalam for some regulations. [5]
- b. Though one of the islands—Parali 1 island, part of <u>Bangaram Atoll</u>—has been completely inundated by 2017, official sources maintain the count at 36. [7]
- c. Bangaram island has a floating population
- d. the sum of area of individual islands does not add up to the total area, as there are other smaller <u>islets</u>, <u>reefs</u> and banks which form part of the archipelago

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