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India — Political

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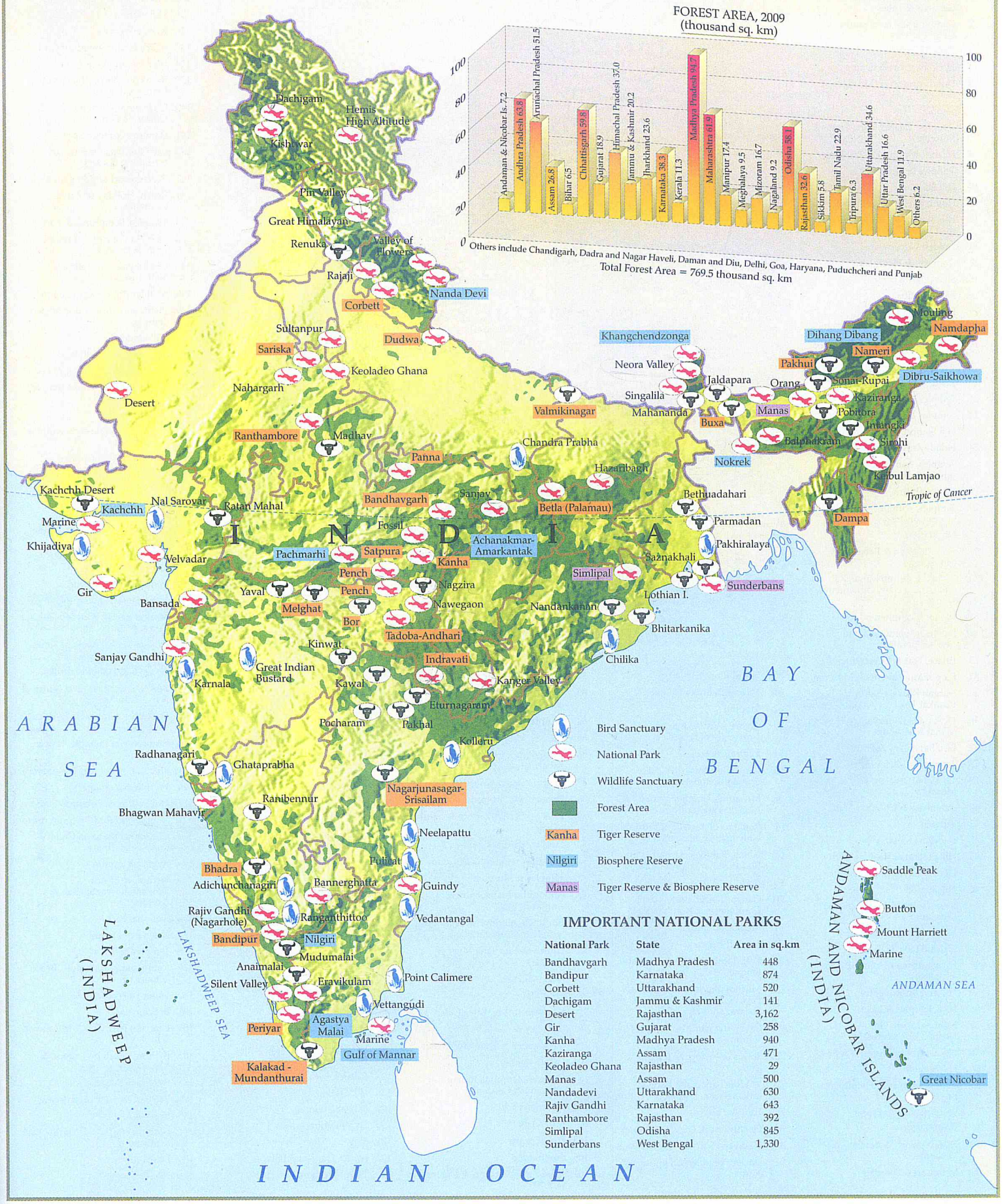
INDIA — FOREST AND WILDLIFE

1: 15,000,000 (1cm to 150 km)
0 150 300 km
Scale
Projection: Lambert Conical Orthomorphic



IMPORTANT NATIONAL PARKS

National Park	State	Area in sq.km
Bandhavgarh	Madhya Pradesh	448
Bandipur	Karnataka	874
Corbett	Uttarakhand	520
Dachigam	Jammu & Kashmir	141
Desert	Rajasthan	3,162
Gir	Gujarat	258
Kanha	Madhya Pradesh	940
Kaziranga	Assam	471
Keoladeo Ghana	Rajasthan	29
Manas	Assam	500
Nandadevi	Uttarakhand	630
Rajiv Gandhi	Karnataka	643
Ranthambore	Rajasthan	392
Simlipal	Odisha	845
Sunderbans	West Bengal	1,330

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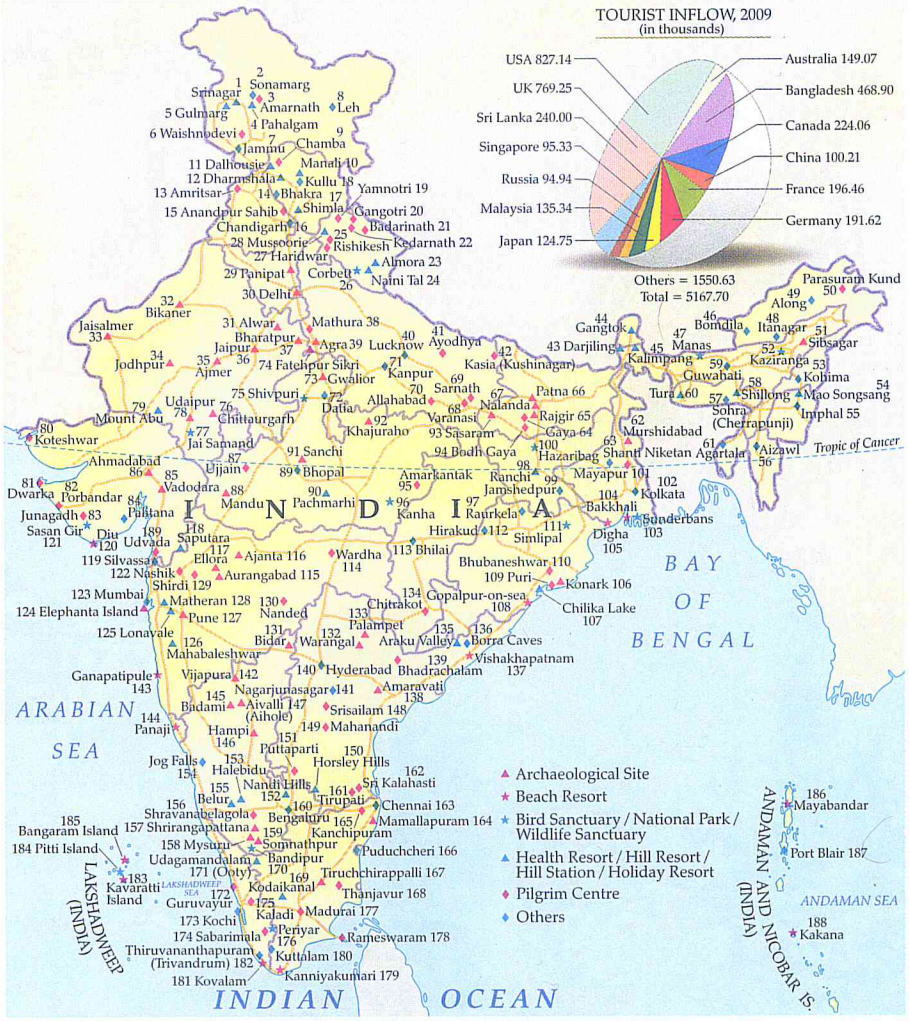
INDIA — TOURISM

1: 25,000,000 (1cm to 250 km)
0 250 500 km
Scale
Projection: Lambert Conical Orthomorphic



1. Holiday resort, Dal lake, Gardens & Lakes
2. Camping site & 'Meadow of Gold' (flowers)
3. Cave Temple
4. Holiday resort & fishing
5. Holiday resort & 'Meadow of flowers'
6. Temple
7. Temples, Palaces, Fort, Tombs & Museums
8. Palaces, Mosques & Trekking
9. Temples & Museums
10. Hill Station
11. Holiday resort & Hill Station
12. Hill Station & Headquarter of the Dalai Lama
13. Golden Gurudwara
14. Dam site & Picnic spot
15. Sikh pilgrim centre
16. Planned city
17. Health resort
18. Valley, Trekking & Trout fishing
19. Temples, Hot Springs & Source of the Yamuna River
20. Temples & Source of the Ganga River
21. Temples & Hot Springs
22. Temples & Hindu pilgrim centre
23. Hill Station, Temples & Ashrams
24. Holiday resort & Lakes
25. Temples, Ashrams & Hindu pilgrim centre
26. National Park
27. Temples, Ashrams & Hindu pilgrim centre
28. Hill station
29. Historic town & Babar's Mosque
30. Red Fort, Qutub Minar, Raj Ghat, India Gate, Parliament House
31. Rajput Monuments
32. Karni Devi temple, famous heaven of rats
33. Palace, Fort & Desert town
34. Rajput Monuments & Museum
35. Dargah Khwaja Sahib & Pushkar Lake
36. Jai Singh's Observatory, Hawa Mahal & Museum
37. Bird Sanctuary & Fort
38. Temples & Museums
39. Taj Mahal, Palaces, Fort & Museums
40. Imambara & Chhattar Manzil
41. Temples
42. Buddhist remains
43. Hill Station & Health resort
44. Hill Station & Trekking
45. Hill Station
46. Scenery, Buddhist temples & Museum
47. National Park & Fishing
48. Natural Lake & Ashram
49. Ramakrishna Ashram, Tribal temples
50. Hindu Pilgrim centre
51. Fort, Temples & Lakes
52. National Park (One Horned Rhinoceros)
53. Floral wealth, Museum & Park
54. Hill Station
55. Manipur dance & Handloom products
56. Scenic beauty & Fruits
57. Water Falls
58. Health resort, Water Falls & Museums
59. Museums & Temples
60. Hill Station & Hiking
61. Palaces, Temples & Lakes
62. Motijhil
63. Tagore's Viswa Bharati University of Fine Arts
64. Pilgrim centre
65. Jain & Buddhist sites, Hot Springs & Ropeway
66. Museums, Golghar Granary & Ancient Pataliputra ruins
67. Remains of ancient Buddhist University & Museum
68. Ghats, Temples, Sarnath Buddhist Remains & Museum
69. Buddhist Vihara & Museum
70. Ganga, Yamuna & Saraswati Confluence & Kumbha Mela
71. Memorial Garden
72. Govind Palace
73. Fort, Tomb, Palaces & Sas Bahu temple
74. Muslim pilgrim centre, Forts, Palaces, Mosques & Buland Darwaza
75. Lakes, Big game hunting & Hill station
76. Tower of Victory & Temple of Virji
77. Wildlife Sanctuary, Largest artificial lake, Fishing & Boating
78. Lake & Palaces
79. Health resort, Dilwara temples
80. Narayana Sarovar lake & Beach
81. Ancient temples & Pilgrim centre
82. Birthplace of Mahatma Gandhi
83. Asokan Inscription, Rock-cut caves & Jain temples
84. Temples & Shatrunjaya Hill
85. Palaces, Museums & Art Gallery
86. Ancient monuments & Sabarmati Ashram
87. Pilgrim Centre & Koshak Palace
88. Palaces, Fort, Mosques & Tombs
89. Palaces, Gardens, Forts & Taj-ul-Masjid
90. Health resort & Caves
91. Buddhist remains & Museum
92. Temples & Museum
93. Antiquities Mausoleum & Antiques
94. Buddhist pilgrim centre, Bodhi temple & Monasteries
95. Source of Narmada River & Temples
96. National Park
97. Steel Plant
98. Health resort & Water Falls
99. Steel city & Gardens
100. National Park & Holiday resort
101. Iskcon temple
102. Victoria Memorial, Indian Museum & Gardens
103. National Park
104. Beach resort
105. Beach resort
106. Sun temple
107. Lake, Holiday resort & Fishing
108. Beach resort
109. Jagannath temple
110. Lingaraja temple & Khandagiri caves
111. National Park & Water Falls
112. Dam site & Fishing
113. Steel Plant
114. Mahatma Gandhi's "Sevagram" Ashram
115. Rock-cut caves & Bibi-ka-Maqubara
116. Rock-cut caves, Paintings & Sculptures
117. Rock-cut caves, Paintings & Sculptures
118. Hill Station
119. Temple & Garden
120. Beach, Forts & Churches
121. National Park & Lion Sanctuary
122. Temples & pilgrim centre
123. Gateway of India, Hanging Garden, Museum & Kanheri caves
124. Rock-cut caves
125. Hill Station
126. Health resort, Lakes & Water Falls
127. Palaces, Park & Museum
128. Hill Station
129. Sai Baba temple
130. Sikh pilgrim centre
131. Fort
132. Fort & Thousand Pillar temple
133. Temple & Ramappa lake
134. Water Falls & Pilgrim centre
135. Hill Station
136. Rock-cut caves
137. Beach & Ship-building yards
138. Buddhist remains
139. Rama temple on the banks of River Godavari
140. Charminar, Museum, Zoo & Golconda Fort
141. Dam site & Picnic spot
142. Gol Gumbaz, Mausoleum, Mosque & Towers
143. Beach resort & Ganapati temple
144. Beach, Holiday resort & Churches
145. Temples, Sculptures & Fort
146. 14 sq. km of ruins of temples, Forts & Palaces
147. Chalukyan style temples & Sculptures
148. Mallikarjuna Swamy temple
149. Picnic spot, Mineral springs & Temples
150. Hill Station
151. Satya Sai Baba Ashram
152. Holiday resort & Pilgrim centre
153. Ancient Hoysala style temples & Sculptures
154. Water Falls
155. Ancient Hoysala style temples & Sculptures
156. Jain pilgrim centre & Gomateswara statue
157. Fort, Museum & Mosque
158. Palaces, Garden, Zoo & Museums
159. Ancient Hoysala style temples & Sculptures
160. Fort, Palace of Tipu Sultan & Gardens
161. Venkateswara temple
162. Kalahasteeswara temple
163. Marina Beach, Fort, Museums, Zoo & National Park
164. Pallava Rock-cut caves, Shore temple & Sculptures
165. Temples & Handloom silks
166. Beach, French cultural centre & Aurobindo Ashram
167. Fort, Rock temples & Rock-cut caves
168. Brihadeswara temple, Fort & Museum
169. Hill Station & Solar observatory
170. Wildlife Sanctuary
171. Hill Station & Botanical garden
172. Temples & Hindu pilgrim centre
173. Churches (Vasco da Gama's tomb) & Harbour
174. Ayyappa temple
175. Birthplace of Adi Sankaracharya, Shrines & Ashrams
176. National Park
177. Meenakshi temple
178. Temples & Beach
179. Kanniyakumari temple, Beach & Land's End
180. Water Falls & Temple
181. Beach resort
182. Beaches, Fort, Zoo & Museum & Temples
183. Bathing Beach by Lagoon & Marine life
184. Sanctuary of sea birds
185. Beach resort & Scuba diving
186. Beach
187. Beach, Cellular Jail, Marine Park & Museum
188. Beach
189. Fire Temple

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INDIA — PHYSICAL

1: 15,000,000 (1cm to 150 km)
0 150 300 km
Scale
Projection: Lambert Conical Orthomorphic

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1: 15,000,000 (1cm to 150 km)
0 150 300 km
Scale
Projection: Lambert Conical Orthomorphic

INDIA — POLITICAL

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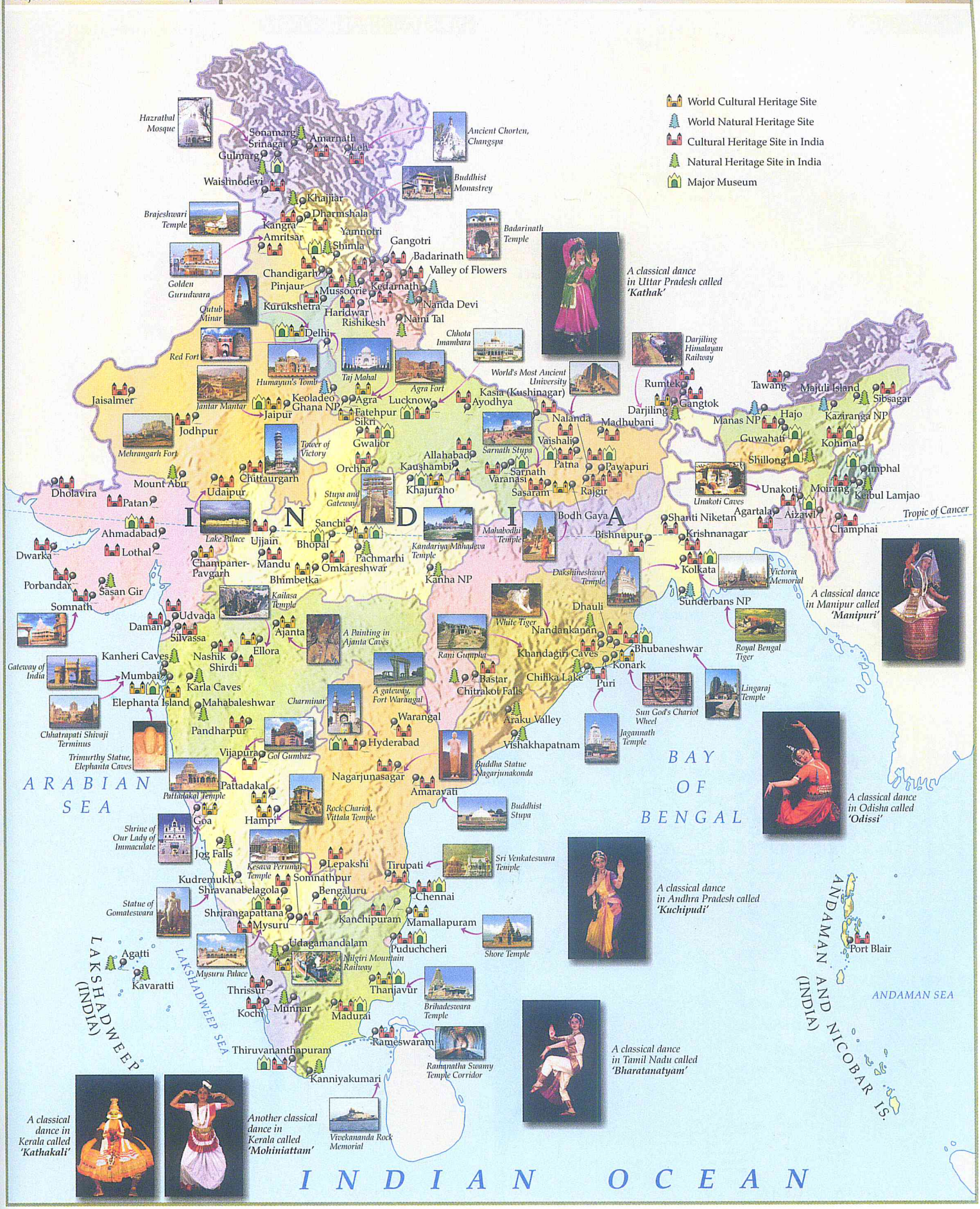
INDIA — HERITAGE

1: 15,000,000 (1cm to 150 km)
0 150 300 km
Scale
Projection: Lambert Conical Orthomorphic



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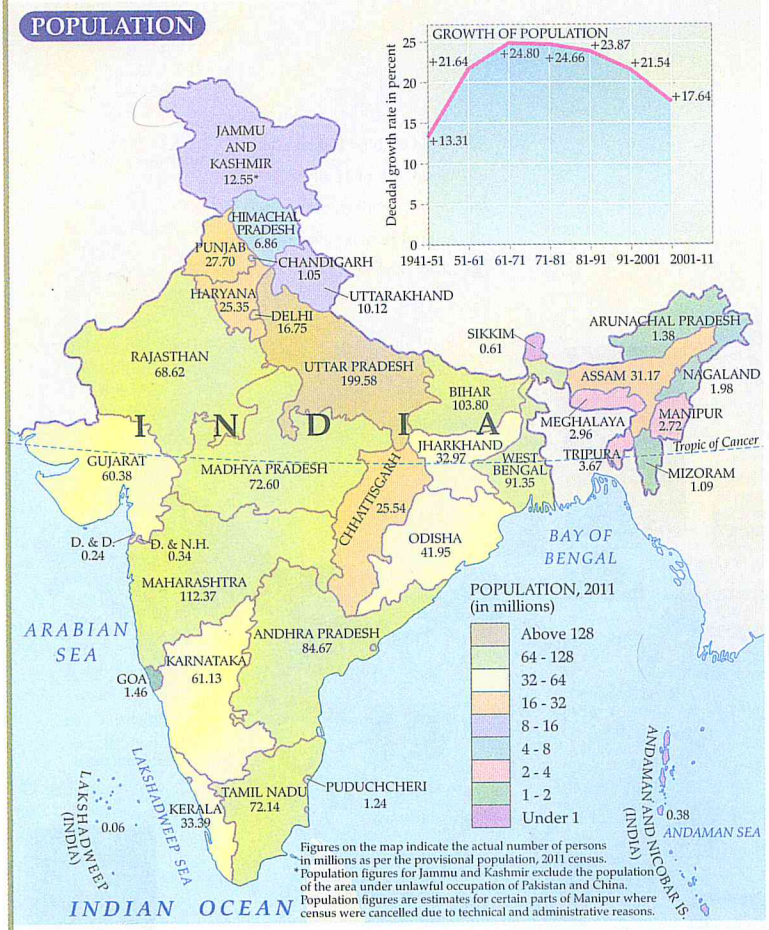
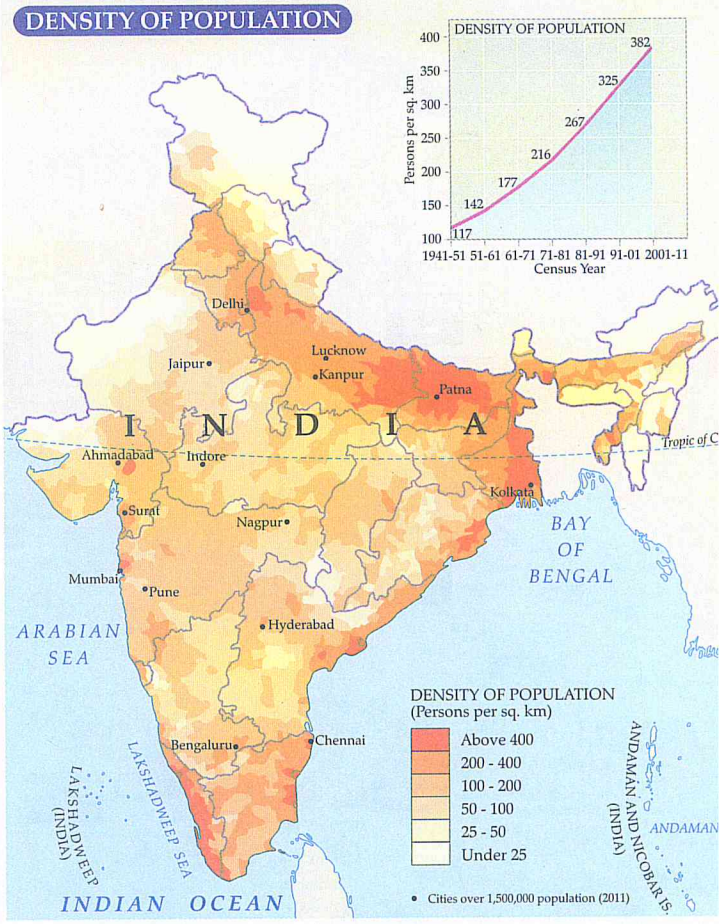
INDIA — POPULATION, DENSITY OF POPULATION, LITERACY AND SEX RATIO

1: 30,000,000 (1cm to 300 km)
0 300 600 km
Scale
Projection: Lambert Conical Orthomorp

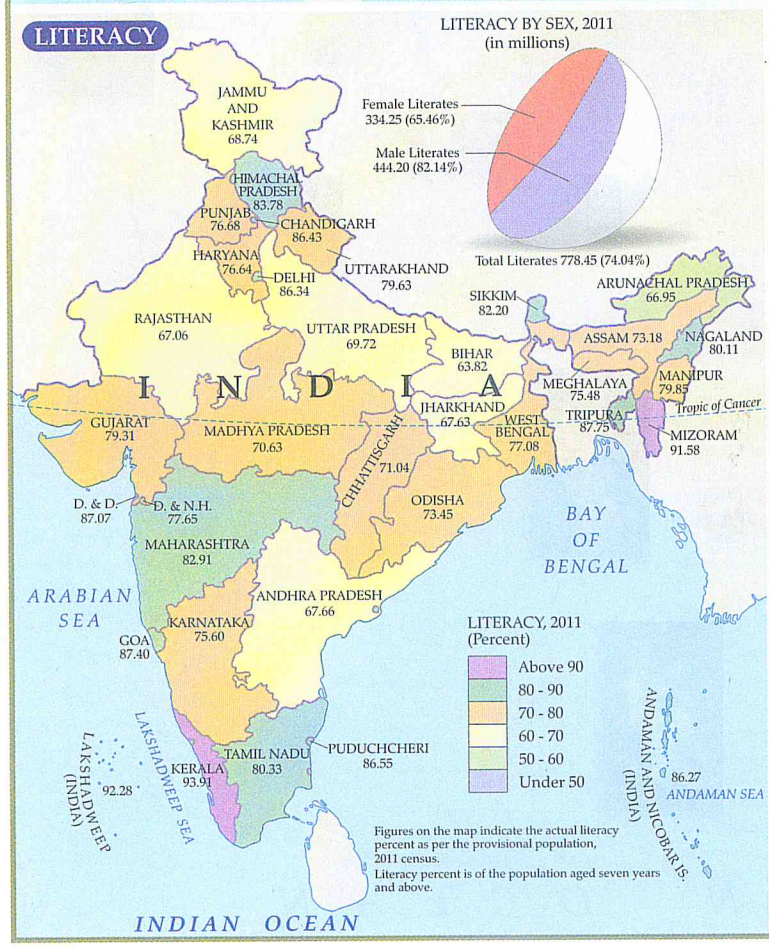
POPULATION



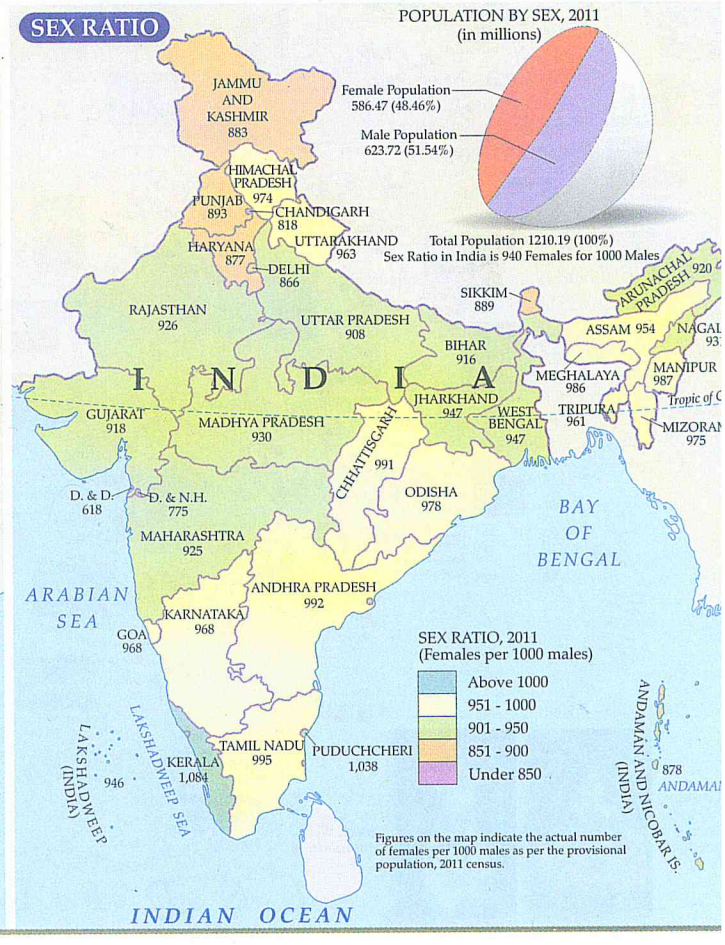
DENSITY OF POPULATION



LITERACY



SEX RATIO



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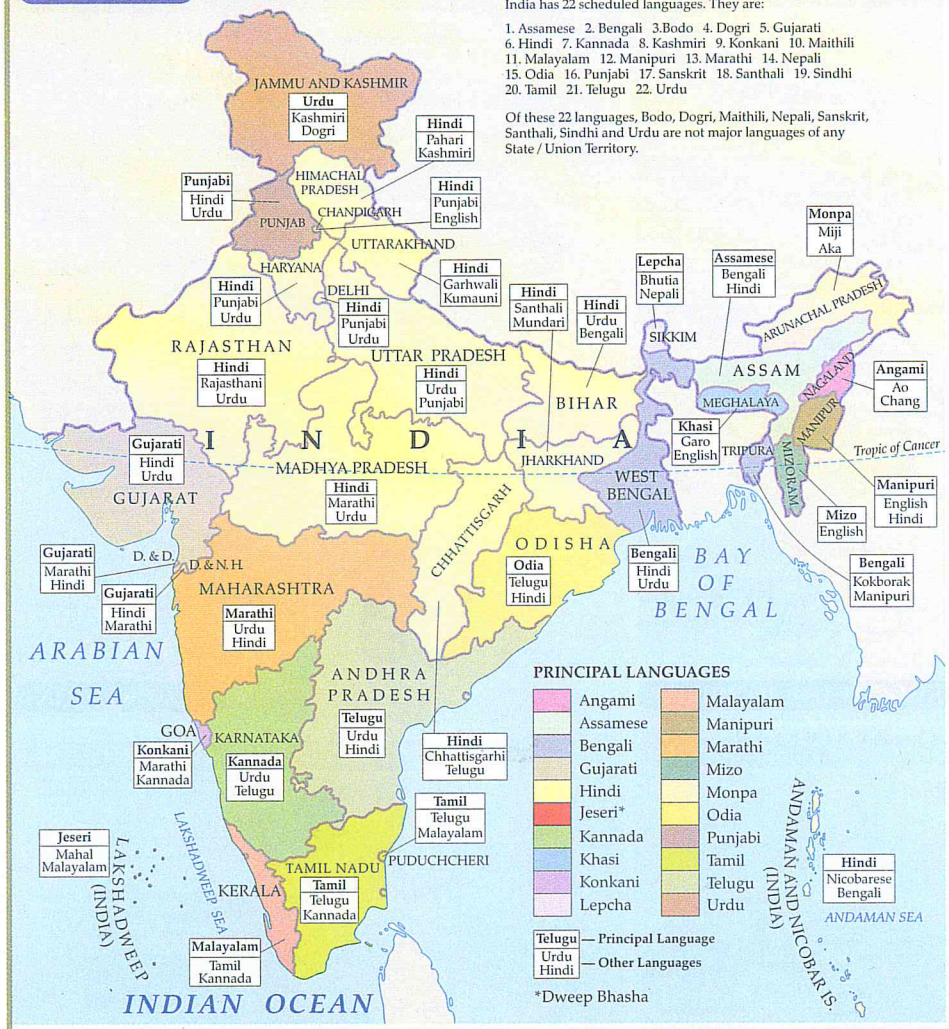
INDIA — LANGUAGES AND MASS MEDIA

LANGUAGES

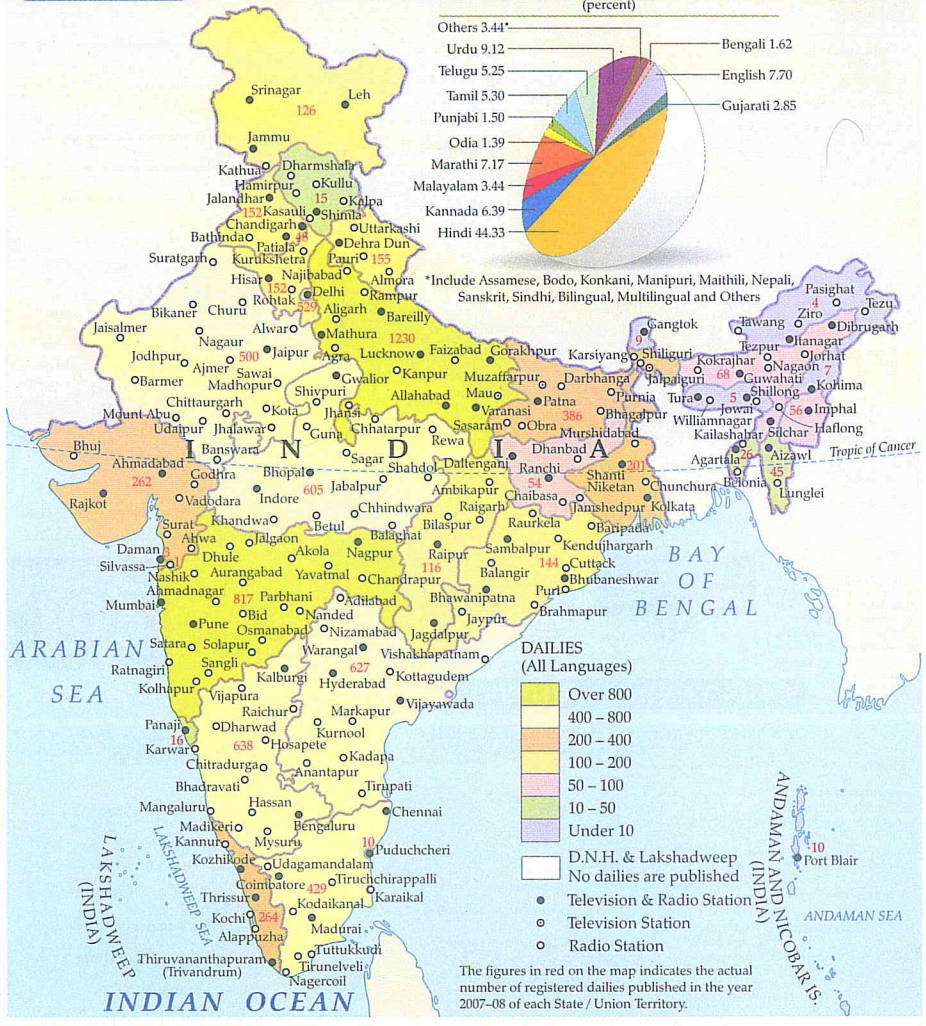
India has 22 scheduled languages. They are:

1. Assamese 2. Bengali 3.Bodo 4. Dogri 5. Gujarati 6. Hindi 7. Kannada 8. Kashmiri 9. Konkani 10. Maithili 11. Malayalam 12. Manipuri 13. Marathi 14. Nepali 15. Odia 16. Punjabi 17. Sanskrit 18. Santhali 19. Sindhi 20. Tamil 21. Telugu 22. Urdu

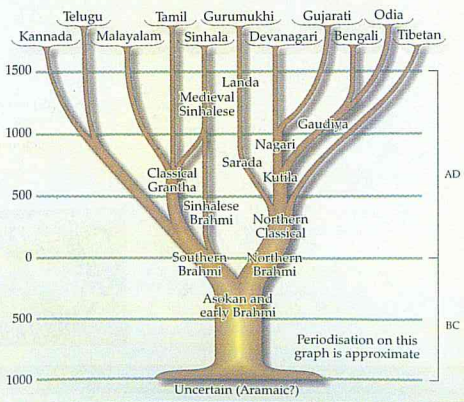
Of these 22 languages, Bodo, Dogri, Maithili, Nepali, Sanskrit, Santhali, Sindhi and Urdu are not major languages of any State / Union Territory.



MASS MEDIA



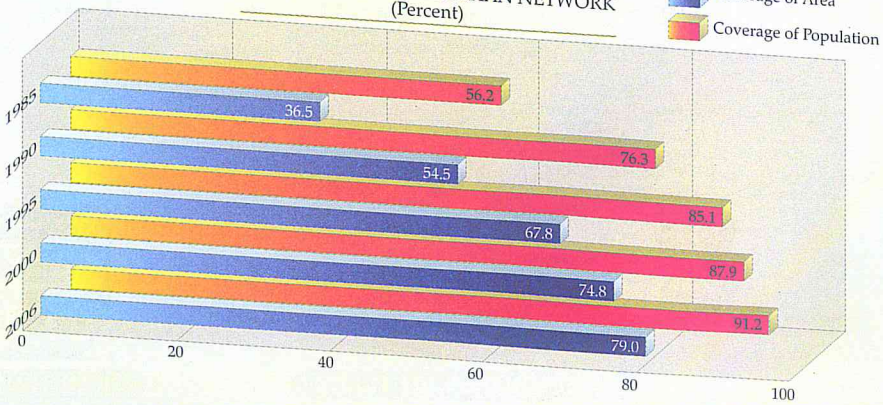
EMERGENCE OF MAJOR INDIAN SCRIPTS



SCRIPTS OF THE SCHEDULED LANGUAGES

Shown on the left are the fifteen scripts of the twenty two scheduled languages. These scripts appear on the latest currency notes of all denominations.

GROWTH OF DOORDARSHAN NETWORK
(Percent)



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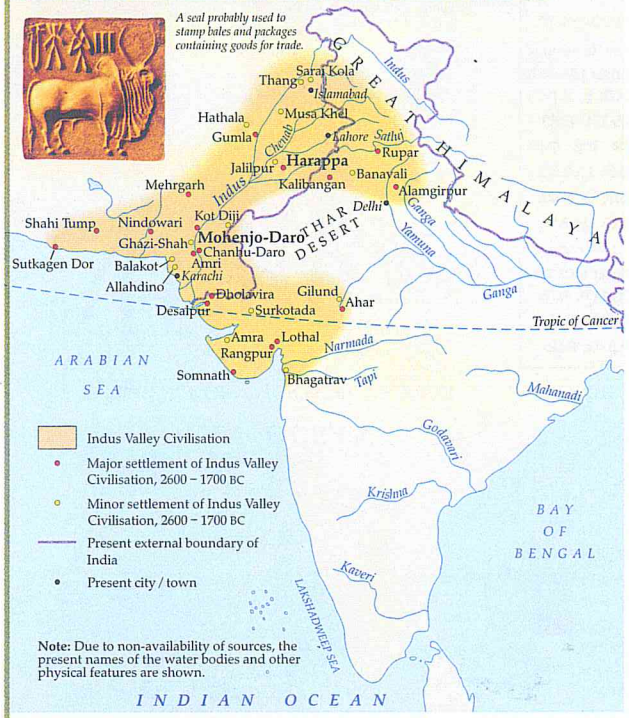
INDUS VALLEY CIVILISATION 2600 - 1700 BC

A seal probably used to stamp bales and packages containing goods for trade.



Note: Due to non-availability of sources, the present names of the water bodies and other physical features are shown.

BHARATVARSHA SIXTH CENTURY BC*

A stone sculpture depicting an episode from the Mahabharata.

*As written in the epic, of the Mahabharata

EMPIRE OF ASHOKA 250 BC

The four lions from one of the Ashoka pillars. Today this is India's national emblem.

INDIA IN AD 150

A sculpture of the Kushan period.

EMPIRE OF THE GUPTAS

The ceiling of one of the caves, Ajanta. Great architectural skill is seen in the rock cut caves of the Gupta period.

Present external boundary of India
Samudragupta's march
Settlement during Gupta Period

EMPIRE OF HARSHAVARDHANA, AD 646

The stupa site from the remains of the University of Nalanda. Harsha supported Nalanda. He gave grants for its upkeep from the revenue collected from a hundred large villages.

1: 36,000,000 (1cm to 360 km)
Scale 0 360 720 km
Projection: Lambert Conical Orthomorp

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1: 36,000,000 (1cm to 360 km)
0 360 720 km
Scale
Projection: Lambert Conical Orthomorphic

INDIA DURING THE NINTH CENTURY

Kailasa Temple, Ellora. This spectacular temple was built during the rule of the Rashtrakutas.

Udabhanda, KASHMIRA, HINDUSAHIS, GHURS, ARABS OF MULTAN, Indus, Jhelum, Chenab, Ravi, Sutlej, KARNAL, TOMARAS, Indraprastha / Dhilika, CHAUHANS, Jodhpur, Ajmer, Kanyakubja (Kanauj), ARABS OF MANSURAH, GURJARA - PRATIHARAS, NEPALA, Pratapgarh, Kajuravahaka, Kalanjara, Benares, Mudgagiri, Gauda, ANARTA, Ujjain, SAURASHTRA, PARAMARAS, KALACHURIS, PALAS, Tripuri, Acalapura, RASHTRAKUTAS, UTKALA, GANGAS, KALINGA, BANGOPASAGAR, ARAB SAGAR, CHALUKYAS, Kalyani, Malkhed (Manyakheta), Vatapi, Vengipura, EASTERN CHALUKYAS (VENGI), CHOLAS, KULASEKHARAS, PANDYAS, Tanjavur, Madurai, Tropic of Cancer, BHARAT, SIMHALA, MAHASAGAR

Present external boundary of India

- Gurjara - Prathiharas
- Rashtrakutas
- Other South Indian Kingdoms
- Fluctuating Frontiers
- GANGAS Kingdom / State
- Capital Cities

INVASION OF GHURI, AD 1192 – 1206

Sultan Mahmud of Ghazni invaded India several times. The sultan did not wish to conquer India. After his death, Muhammad Ghuri conquered Multan in AD 1192 and expanded his kingdom up to Qannauj (Kanauj) in AD 1194. The credit for establishing a Muslim empire in India belongs to Muhammad Ghuri.

Kabul, Ghazni, Peshawar, KASHMIRA, Srinagara, Jayapura, Lahore, Multan, Uch, Dehli, GAHADAVALAS, Qannauj, Ayodhya, CAHAMANAS, Agra, Ajayameru, Mahoba, Chitrakuta, Ranthambore, CHANDELLAS, Kasi, Kamalapur, VIDEHA, KAMARUPA, Gauhati, Chraideo, Patna, PALAS, Gaur, PUNDARA, Devkot, Thatta, Nagaharada, Ujjain, Kalanjara, KALACHURIS, Nadia, SENAS, VANGA, Dhara, PARMARAS, GONDWANA, Tripuri, Dwarka, Bharukaccha, Ratanpur, Jajnagar, Somnath, YADAVAS, Deogir, Kataka, Thana, Purusottama, KALINGA, KAKATIYAS, Kalinganagara, BANGOPASAGAR, ARAB SAGAR, CHALUKYAS, Racakonda, Orungallu, Bijapur, Kondavidu, Kollapura, Kampili, HOYSALAS, Nellur, Dvarasamudra, Srirangapattana, Kundani, Kanchipuram, CHOLAS, Gangaikondacholapuram, Kannaur, Madurai, PANDYAS, Rameshwaram, Kumari, BHARAT, SIMHALA, MAHASAGAR

- Empire of Muhammad Ghuri, AD 1194
- PALAS Kingdom / State
- Capital during the rule of Muhammad Ghuri
- Present external boundary of India

SULTANATES OF DEHLI, AD 1206 – 1236

The Qutub Minar of Dehli (Delhi), is the tallest tower in India. The construction of this historic monument was began by Qutubuddin Aibak and completed by his successor Iltutmish.

MONGOLS, Peshawar, KASHMIR, KHOKHARS, Lahore, Multan, Dehli, Mathura, Ajmer, Kanauj, Ranthambore, Gwalior, Benaras, Prayaga, Gaur, Thatta, Bhilsa, GUJARAT, Ujjain, YADAVAS, Deogir, EASTERN GANGAS, KAKATIYAS, Orungallu, BANGOPASAGAR, ARAB SAGAR, CHOLAS, PANDYAS, Tropic of Cancer, BHARAT, SIMHALA, MAHASAGAR

- Extent under Qutubuddin Aibak, AD 1206 – 10
- Additions by Iltutmish, AD 1211 – 36
- PALAS Kingdom / State
- Capital during the rule of the Sultanates
- Present external boundary of India

ALAUDDIN KHALJI'S KINGDOM AD 1316

Alai Darwaza, the gateway of the Qutub Minar was built in AD 1305, during the rule of Alauddin Khalji.

Kabul, Attak, Peshawar, KASHMIR, Srinagar, LAHORE, KALANAU, Multan, Lahore, Dipalpur, Jalandhar, MULTAN, Uch, Hansi, Mirath, Dehli, BADAYUN, Jaisalmer, Nagaur, Agra, AWADH, Ayodhya, Ajmer, Qannauj, Lukhnau, SIVASTAN, Ranthambore, QANNAUJ, KARA, Chitor, MALWA, Banaras, Patna, KAMARUPA, Gaur, Bihar Sharif, BIHAR, GUJARAT, Dhar, Ujjain, GONDWANA, BANGALA, Dwarka, Mandu, Junagarh, Ratanpur, Somnath, Jajnagar, Devagiri, DEVAGIRI, Kataka, JAJNAGAR (ORISSA), Purusottama Puri, BANGOPASAGAR, ARAB SAGAR, Bidar, Warangal, Gulbarga, Golkonda, TELINGANA, Bijapur, Raichur, Sandabur, Kampili, DVARASAMUDRA, Nellore, Dvarasamudra, Srirangapattanam, Mangalur, Jurfattan, Kanchipuram, MABAR, Calicut, MALABAR, Gangaikondacholapuram, Kollam, Madurai, Rameshwaram, Kumari, BHARAT, SIMHALA, MAHASAGAR

- Kingdom of Alauddin Khalji
- Malik Kafur's march, AD 1310 – 11
- MA'BAR Provinces
- Present external boundary of India

MUHAMMAD BIN TUGLAQ'S KINGDOM AD 1335

Daulatabad Fort. Daulatabad was the capital during the rule of Muhammad Bin Tuglaq in AD 1327.

Peshawar, KASHMIR, LAHOR, KALANAU, MULTAN, UCH, Dehli, BADAUN, SIWISTAN, Nagaur, Kol, Sehwan, Qannauj, Gwalior, QANNAUJ, KARA, LAKHNAUTI, KAMARUPA, BIHAR, Lakhnauti, MALWA, GUJARAT, Ujjain, Dhar, Junagarh, Girnar, Jajnagar, Sudkawar (Chittagong), Devagiri (Daulatabad), Warangal (Sultanpur), JAJNAGAR (ORISSA), BANGOPASAGAR, ARAB SAGAR, Bidar, Gulbarga, Golkonda, TELINGANA, Bijapur, Sindabur (Goa), Kampili, DVARA SAMUDRA, Dvarasamudra, Manjarur (Mangalore), Jurfattan (Cannanore), Calicut, MABAR, MALABAR, Madurai, Kollam (Quilon), BHARAT, SIMHALA, MAHASAGAR

- Kingdom of Muhammad Bin Tuglaq
- Independent kingdoms
- MA'BAR Provinces
- Capital during the rule of Muhammad Bin Tuglaq
- Present external boundary of India

GREAT MUGHAL EMPIRE AD 1539 – 1707

The Taj Mahal, one of the most famous buildings in the world was built by the Mughal ruler and father of Aurangazeb, Shah Jahan. It took 22 years to complete at a cost of Rs. 50 lakh. About 20,000 skilled workers were involved in the construction.

Kabul, Peshawar, KASHMIR, Srinagar, Lahor, Amritsar, Multan, Panipat, Mathura, RAJPUTANA, Nagaur, Dehli, Agra, AWADH, Ajodhya, Jaisalmer, Ajmer, Jaipur, Qannauj, Lakhnau, SIND, Jodhpur, Gwalior, BIHAR, Ranthambore, Patna, Thatta, Allahabad, Banaras, Monghir, Makhsudabad/ Murshidabad, Bihar, Dacca, Ahmedabad, Ujjain, GONDWANA, BANGALA, Baroda, Mandu, Chandernagore, Calcutta, Chatgaon, Junagarh, Asirgarh, Daman, Ilichpur, Diu, BERAR, Cuttack, Kalyan, Khirki/Aurangabad, Bhubaneshwar, Bombay, Ahmednagar, Puri, Poona, AHMADNAGAR, ORISSA, Pratapgarh, Bidar, Golkonda, Vizagapatam, Satara, Haidarabad, Rajamahendri, Ratnagiri, Kolhapur, GOLKONDA, Bijapur, Raichur, Masulipatam, Goa, Koppal, BIJAPUR, Bellari, Bangaluru, Srirangapattanam, Veluru, Madras, Arkat, Cannanore, Arnu, Jinji, Pondicherry, Calicut, Negapatam, Trichirapally, Tanjore, Quilon, BANGOPASAGAR, ARAB SAGAR, BHARAT, CEYLON, MAHASAGAR

Present external boundary of India

- Extent under Babar & Humayun, AD 1539
- Additions by Akbar, AD 1605
- Additions by Aurangazeb, AD 1707
- Shivaji's Territories
- PALAS Provinces
- Capital during the rule of the Mughals

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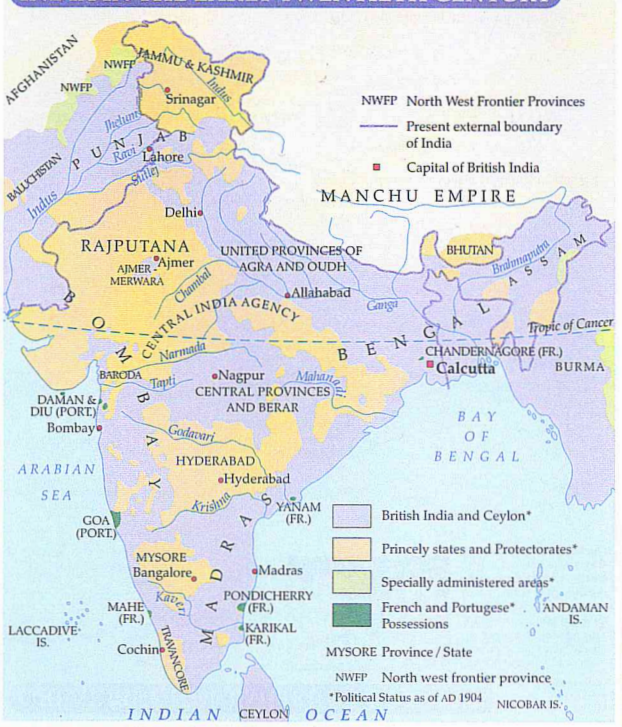
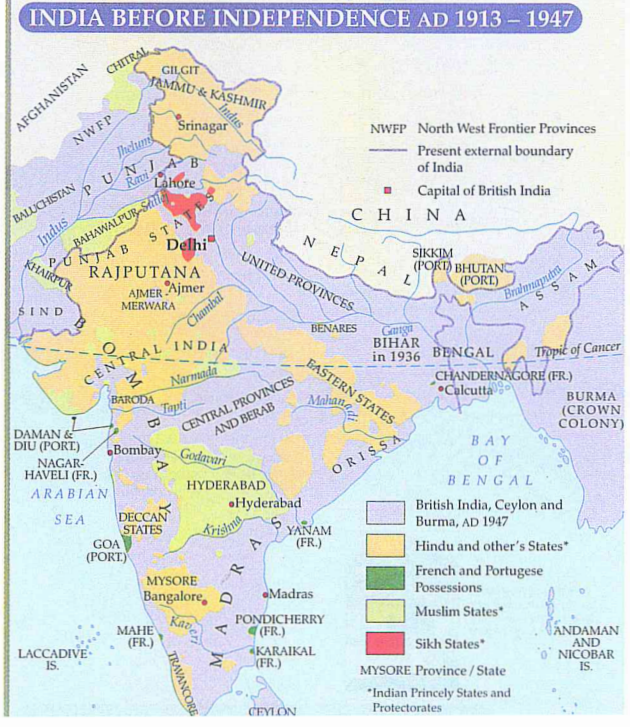
BEGINNING OF BRITISH RULE, AD 1772

EXTENT UNDER BRITISH AFTER DALHOUSIE AD 1857

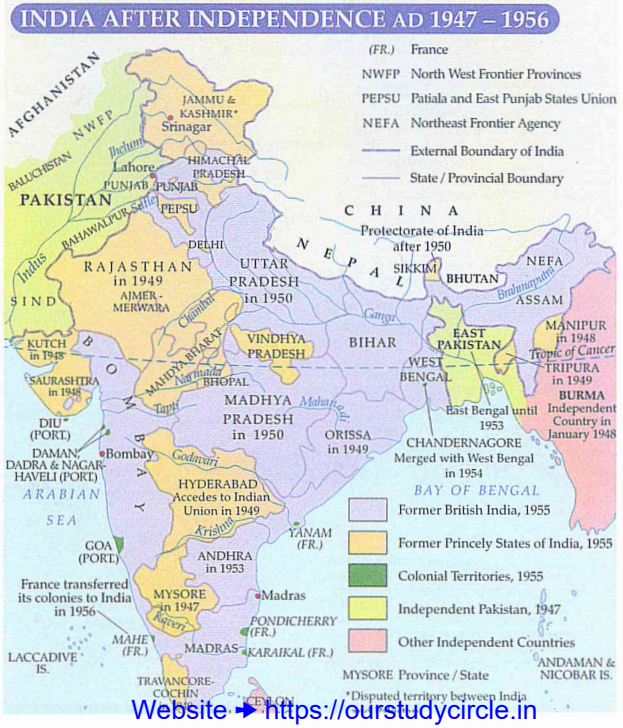
INDIA IN THE EARLY TWENTIETH CENTURY



INDIA BEFORE INDEPENDENCE AD 1913 – 1947



INDIA AFTER INDEPENDENCE AD 1947 – 1956



INDIA DURING AD 1956 – 2010

Projection: Lambert Conical Orthomor

1: 36,000,000 (1cm to 360 km)
0 360 720 km
Scale

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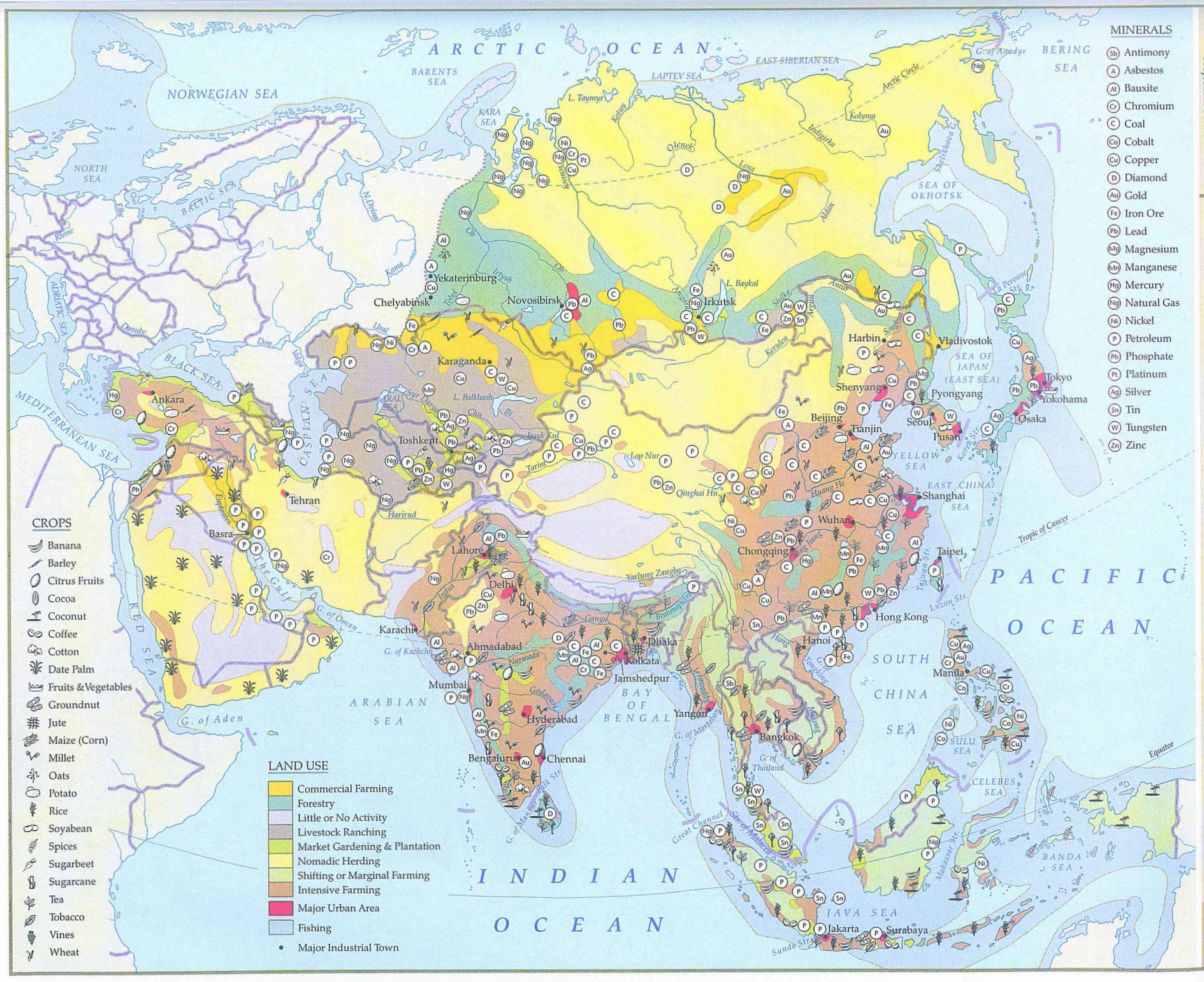
ASIA — ECONOMY



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1: 35,000,000 (1cm to 350 km)
0 350 700 km
Scale
Projection: Bonne

NORTH AMERICA — ECONOMY

ARCTIC OCEAN
BERING SEA
BEAUFORT SEA
BAFFIN BAY
LABRADOR SEA
HUDSON BAY
PACIFIC OCEAN
ATLANTIC OCEAN
Gulf of Mexico
CARIBBEAN SEA
Gulf of Alaska
Gulf of California
Great Bear Lake
Great Slave Lake
L. Winnipeg
L. Superior
L. Michigan
L. Huron
L. Ontario
L. Erie
L. Nipigon
L. Minto
L. Mistassini
L. Winnipegosis
L. Athabasca
L. Nicaragua
Seattle
San Francisco
Los Angeles
Minneapolis
Detroit
Toronto
Montreal
Ottawa
Boston
New York
Philadelphia
Washington
Cleveland
Pittsburgh
Chicago
Milwaukee
St. Louis
Atlanta
Dallas
Houston
New Orleans
Miami
Monterrey
Guadalajara
Mexico City
Tropic of Cancer
Arctic Circle
Hudson Strait
Foxe Channel
Cumberland Sound
Davis Strait
Denmark Strait
Hudson Strait
Hamilton Inlet
Gulf of St. Lawrence
Bay of Fundy
Chesapeake Bay
Straits of Florida
Yucatan Channel
Gulf of Honduras
Gulf of Panama
Panama Canal
Mississippi River Delta
Str. of Juan de Fuca
Dixon Entrance
Hecate Strait
Sebastian Vizcaino Bay
Bering Strait
Norton Sound
Kuskokwim Bay
Bristol Bay
Coronado Bay
Mackenzie Bay
Amundsen Gulf
M'Clure Strait
Viscount Melville Sound
M'Clintock Channel
Lancaster Sound
Qimusseriarsiuaq Bay
Qeqertarsuup Bay
Frobisher Bay
Ungava Bay
James Bay
Gulf of Boothia
Chesterfield Inlet
Hudson Strait
Amundsen Gulf
Anadyr
Velikaya
Kotzebue
Colville
Kuskokwim
Koyukuk
Yukon
Porcupine
Tanana
Atlin
Teslin
Liard
Mackenzie
Anderson
Stikine
Skeena
Fraser
Peace
Hay
Slave
Athabasca
Churchill
Nelson
Hayes
Saskatchewan
N. Saskatchewan
S. Saskatchewan
Missouri
Yellowstone
Powder
Snake
Salmon
Columbia
Great Salt Lake
L. Powell
L. Mead
Gila
Colorado
Yaqui
Conchos
Rio Grande
Pecos
Red
Arkansas
Canadian
Cimarron
Niobrara
N. Platte
Des Moines
Mississippi
Ohio
Tennessee
Wabash
Illinois
Balsas
Coco
Gulf of Forsec
Gulf of Panama
G. of Darien
G. of Parlana
Cauca
Magdalena
Orinoco
Amazon
Tocantins
Paraná
Paraguay
Uruguay
Paraná
Colorado
Negro
Chubut
Santa Cruz
Tierra del Fuego
Falkland Is.
Cape Horn
Cape Hatteras
Cape Cod
Cape Fear
Cape Canaveral
Cape Sable
Cape Breton
Cape Ann
Cape Henlopen
Cape May
Cape Charles
Cape Lookout
Cape Fear
Cape Hatteras
Cape Cod
Cape Breton
Cape Sable
Cape Canaveral

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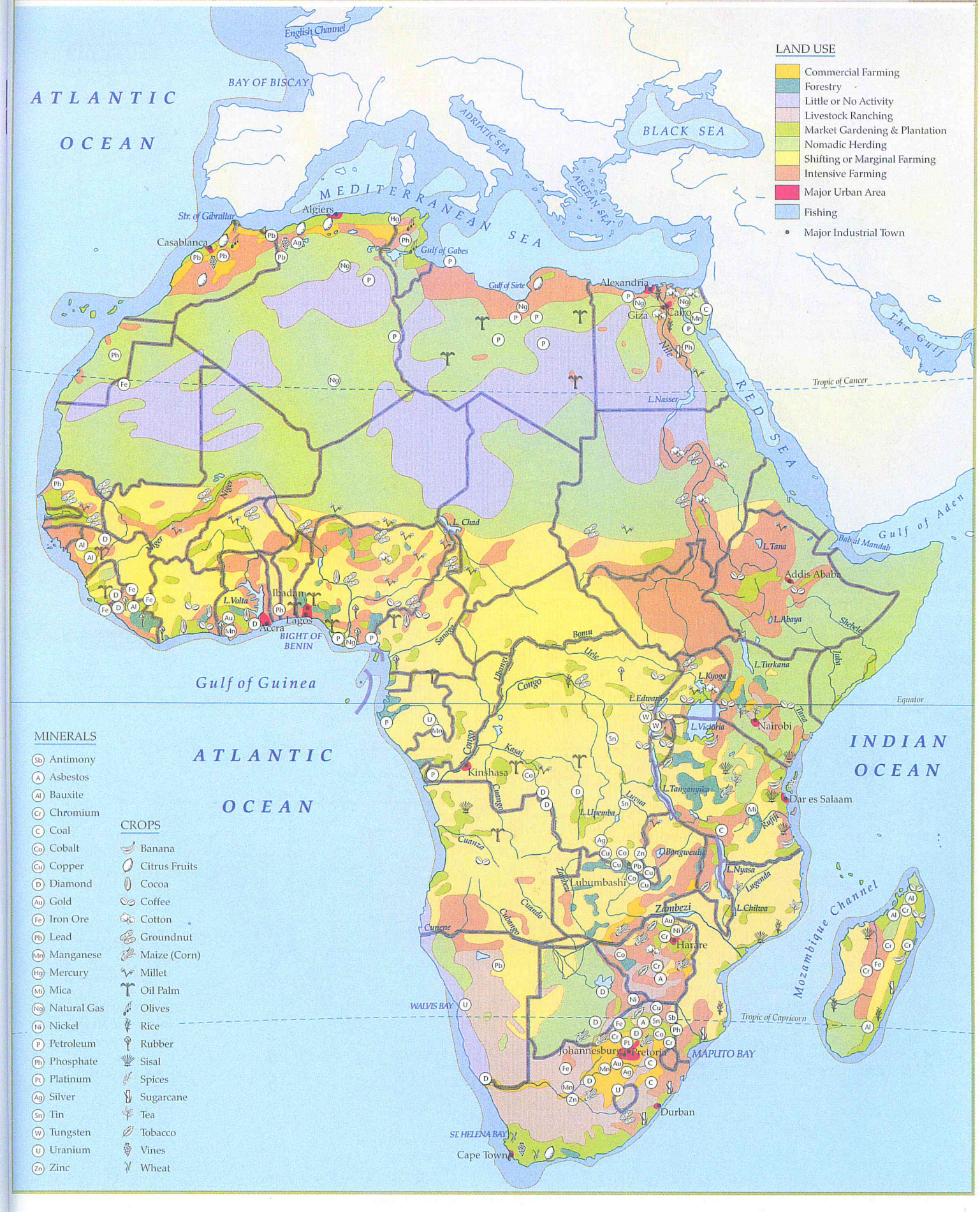

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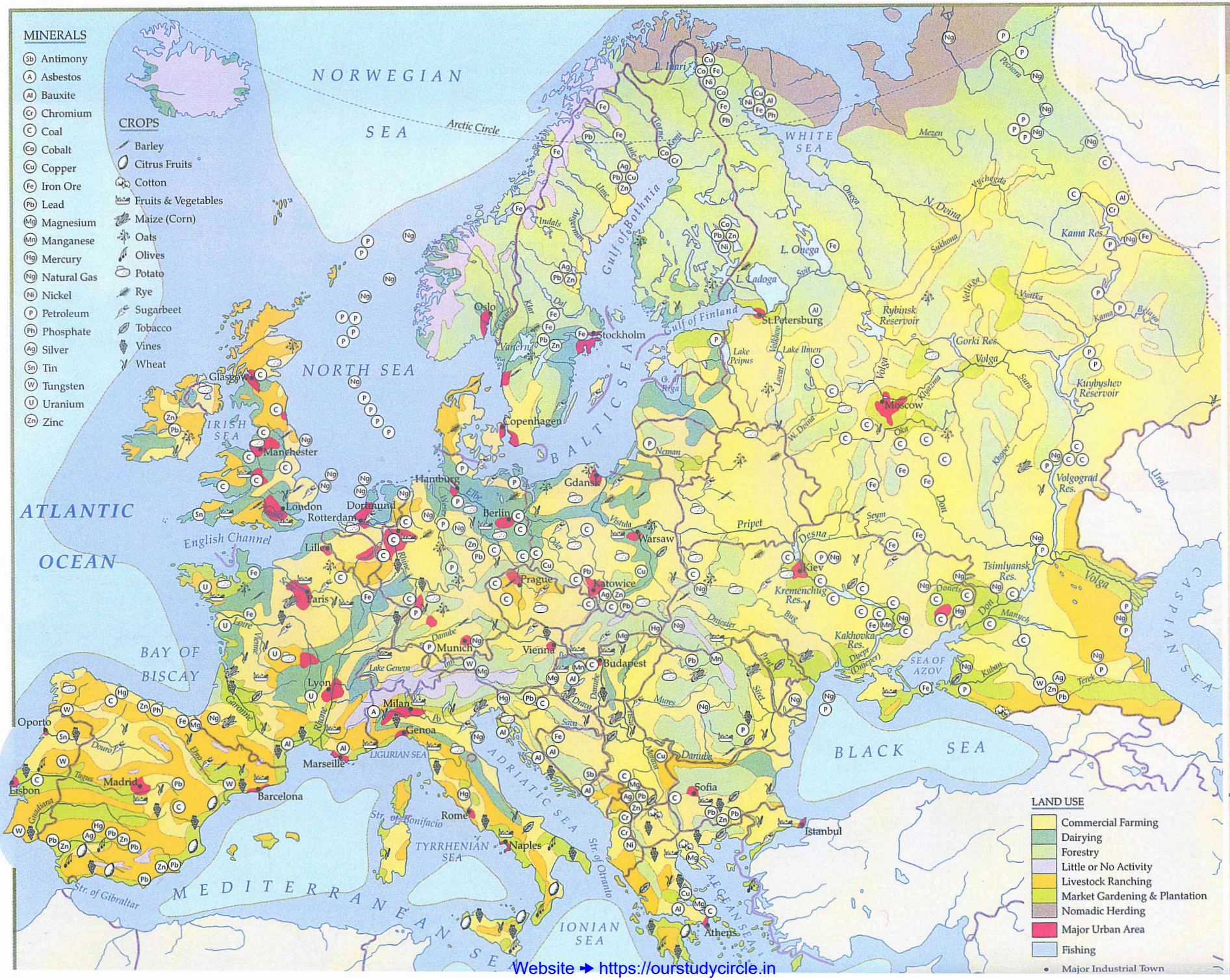
EUROPE — ECONOMY



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SOUTH AMERICA — ECONOMY

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WORLD — PHYSICAL

1: 125,000,000 (1cm to 1250 km)
0 1250 2500 km
Scale
Projection: Hammer Equal Area

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World — Tectonics and Natural Hazards

1: 158,000,000 (1cm to 1,580 km)
0 1,580 3,160 km
Scale
Projection: Gall's

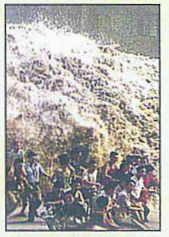
ARCTIC OCEAN
Greenland
NORTH AMERICAN PLATE
EURASIAN PLATE
NORTH AMERICAN PLATE
Arctic Circle
Prince William Sound, 1964
Grimsvotn, 2011
JUAN DE FUCA PLATE
NORTH AMERICA
San Francisco, 1906
Murphysboro, 1925
Tupelo, 1936
Galveston, 1900
New Orleans, 2005
NORTH PACIFIC OCEAN
NORTH ATLANTIC OCEAN
EUROPE
Avezzano, 1915
Skopje, 1963
Erzincan, 1939
Spitak, 1988
El Asnam, 1980
Messina, 1908
Izmit, 1999
Manjil, 1990
Agadir, 1960
Ashgabat, 1948
Takhar, 1998
Ferdows, 1968
Tabas, 1978
Bam, 2003
Muzaffarabad, 2005
Kangra, 1905
Quetta, 1935
Uttarkashi, 1991
Bhuj, 2001
Sichuan, 2008
Tangshan, 1976
Gansu, 1920,1932
Qinghai, 1927
Fukui, 1948
Pusan, 2003
Kobe, 1995
Honshu East Coast, 2011
Tokyo, 1923
Assam, 1950
India-Nepal, 1934
Chittagong, 2002
Latur, 1993
Tropic of Cancer
Hawaii
Paricutin, 1949
El Chichon, 1982
Port-au-Prince, 2010
Mt.Pelee, 1902
Michoacan, 1985
Guatemala City, 1976
San Salvador, 1986
Managua, 1972
CARIBBEAN PLATE
COCOS PLATE
Nevado del Ruiz, 1985
Purace, 1949
Galapagos Is.
Equator
PACIFIC PLATE
AFRICAN PLATE
AFRICA
ARABIAN PLATE
INDIAN PLATE
Port Blair, 2004
Nagappattinam, 2004
Galle, 2004
Banda Aceh, 2004
Pinatubo, 1991
Bangkok, 2004
BURMA MICROPLATE
PHILIPPINE PLATE
Taal, 1906
Mindanao, 1976
Flores I., 1992
Kelud, 1919
Lamington, 1951
SOMALI PLATE
INDIAN OCEAN
SOUTH AMERICA
Huanuco, 1970
NAZCA PLATE
EASTER MICROPLATE
Tropic of Capricorn
JUAN FERNANDEZ MICROPLATE
Valparaiso, 1906
Chillan, 1939
Central Chile, 2010
Puerto Montt, 1960
SOUTH AMERICAN PLATE
SOUTH ATLANTIC OCEAN
AUSTRALIAN PLATE
AUSTRALIA
SOUTH PACIFIC OCEAN
SCOTIA PLATE
SOUTHERN OCEAN
ANTARCTIC PLATE
Antarctic Circle
ANTARCTICA

EARTH'S CRUST
(age in million years)

OCEANIC CRUST	CONTINENTAL CRUST
0 – 9	0 – 250
9 – 35	250 – 800
35 – 80	800 – 1700
80 – 140	1700 – 3800
140 – 180	
Continental Shelf	
No Data	

Divergent Boundary
Convergent Boundary
Transform Zone
Notable Earthquake
Notable Volcanic Eruption
Notable Tropical Storm
Notable Tsunami
Major Hot Spot

Satellite image of Kalutara town in Western province, Sri Lanka before tsunami.



Giant killer waves of tsunami. As the waves reach the shore, the speed would be 40 km/hr. and height about 10 metres.

Satellite image of Kalutara town in Western province, Sri Lanka after tsunami occurred on 26th December 2004. This is one of the most serious natural disasters that took lives of a large number of people and caused extensive damage to the countries of Indonesia, Sri Lanka, India and Philippines.

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WORLD — WILDLIFE

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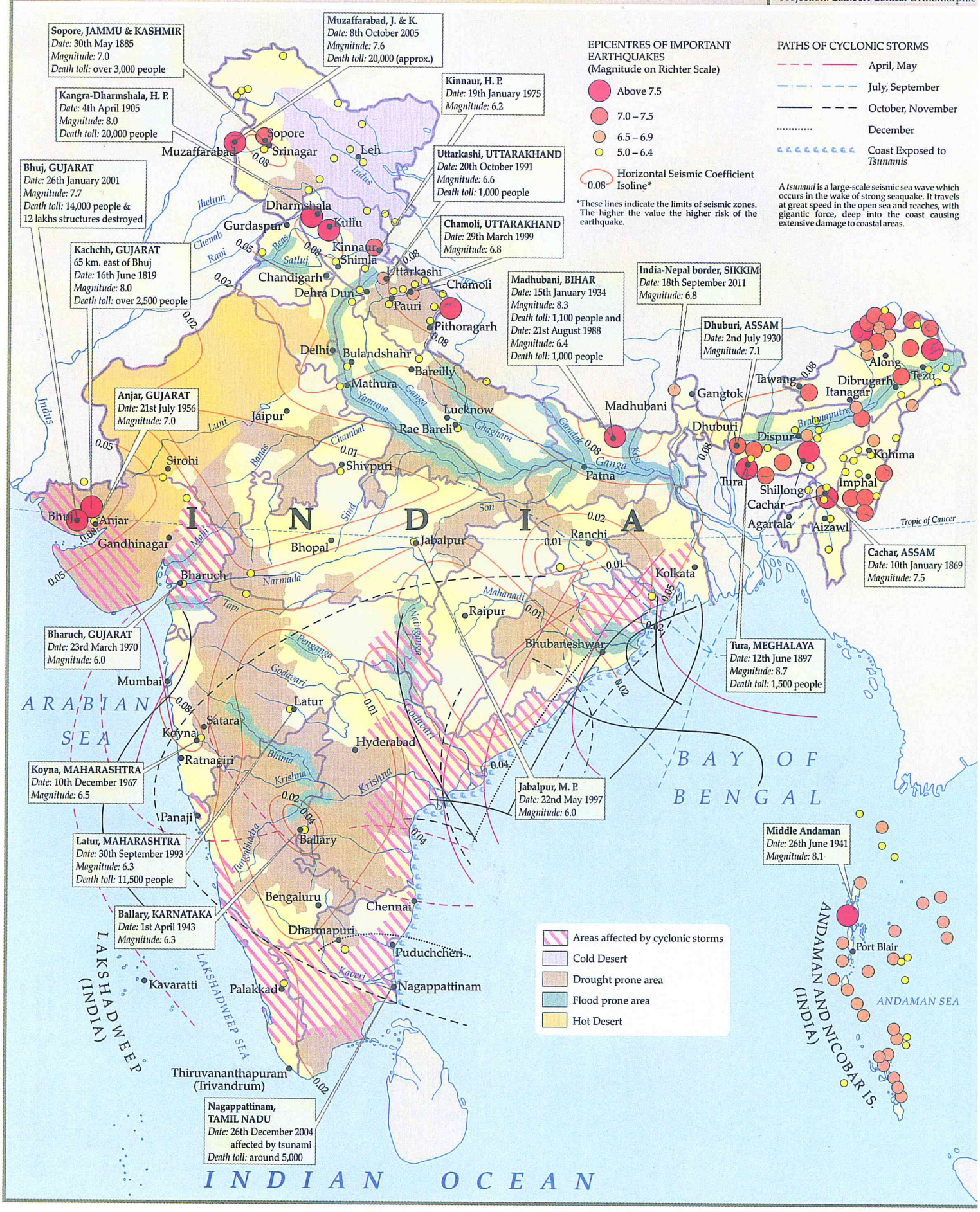
INDIA — NATURAL HAZARDS

1: 15,000,000 (1cm to 150 km)
0 150 300 km
Scale
Projection: Lambert Conical Orthomorphic



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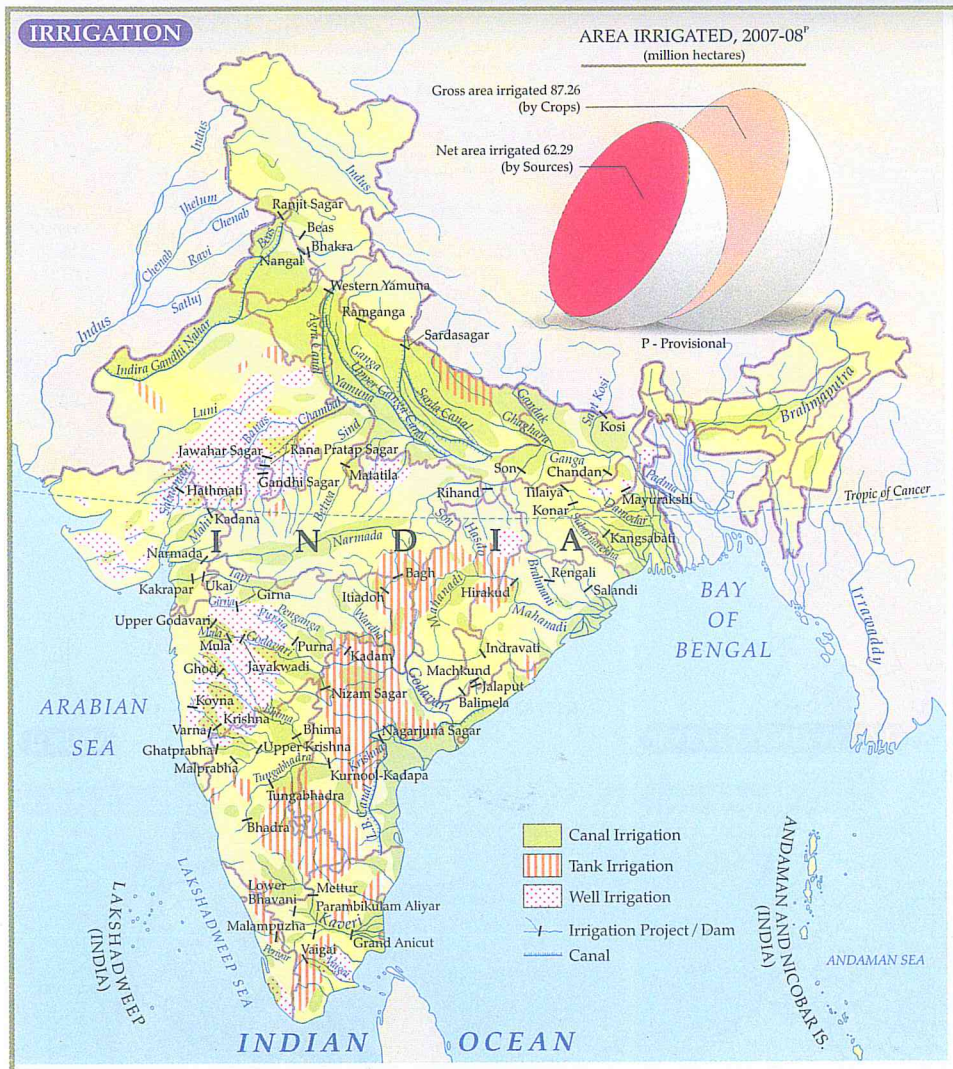
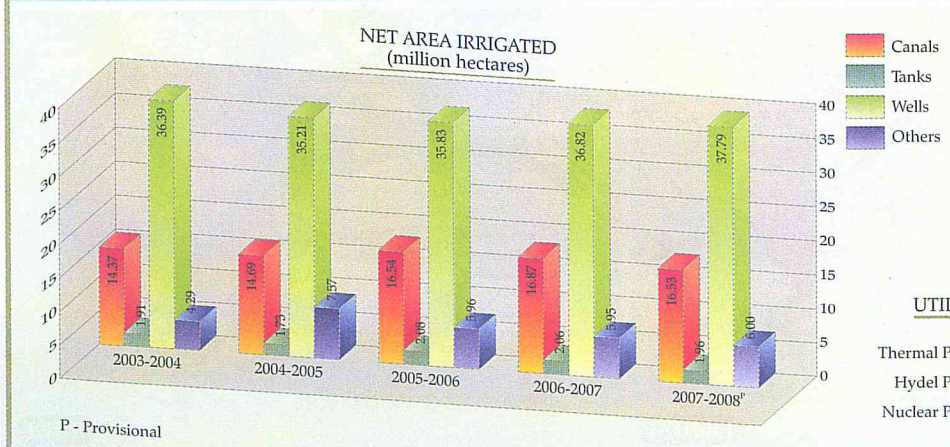
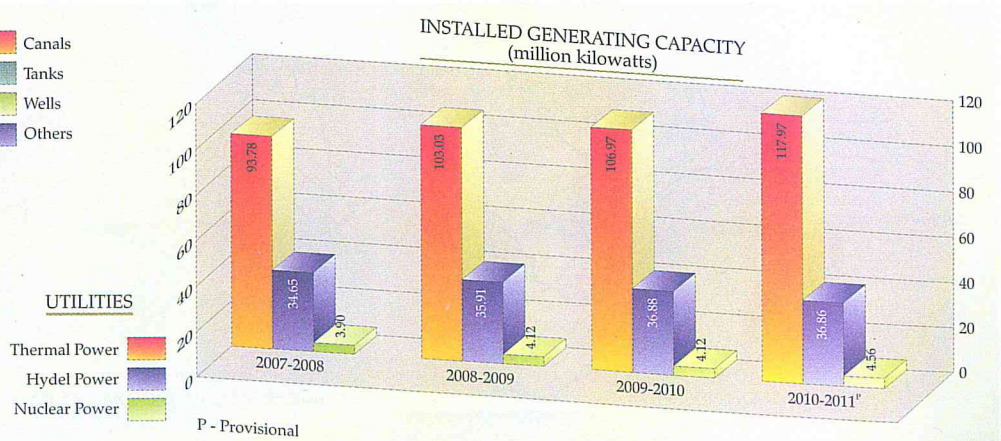
INDIA — IRRIGATION AND POWER GENERATION



1: 25,000,000 (1cm to 250 km)
Scale 0 250 500 km
Projection: Lambert Conical Orthomorphic





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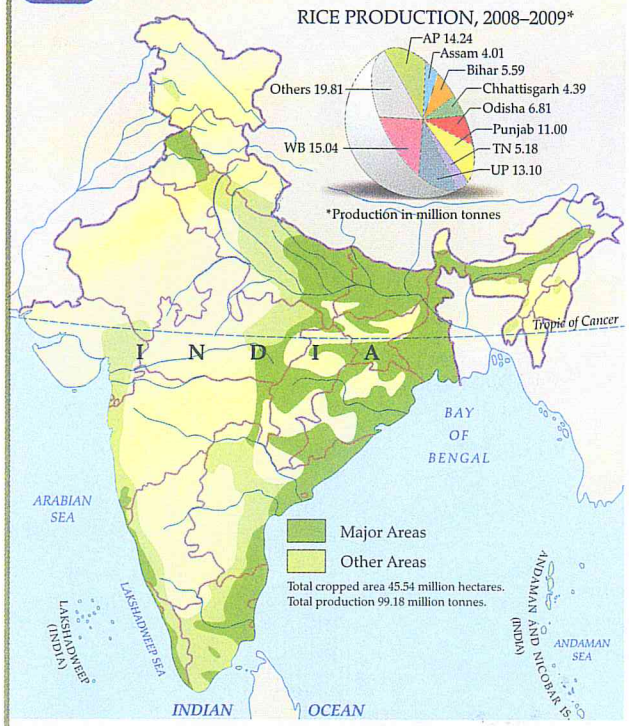
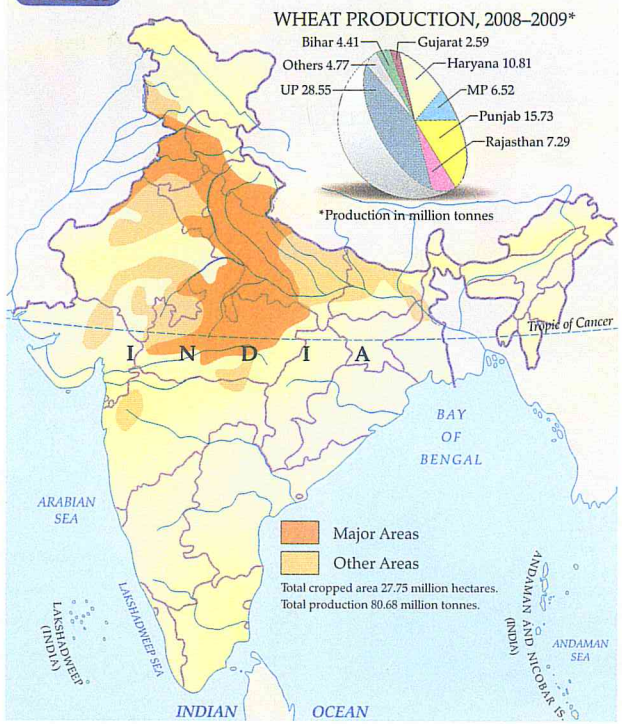
INDIA — FOOD CROPS

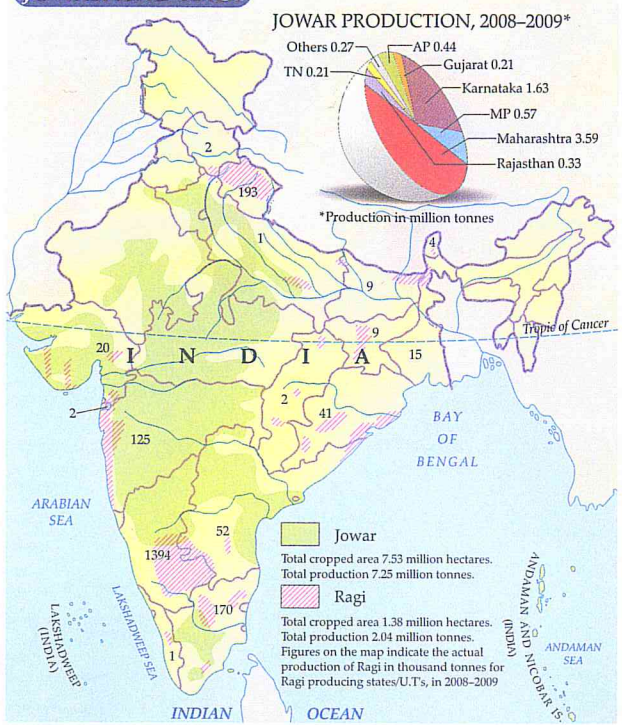
RICE



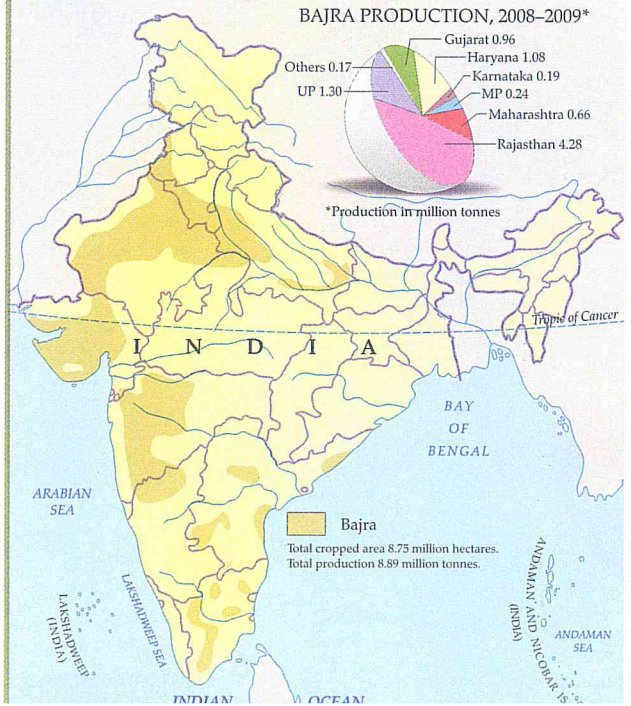
WHEAT



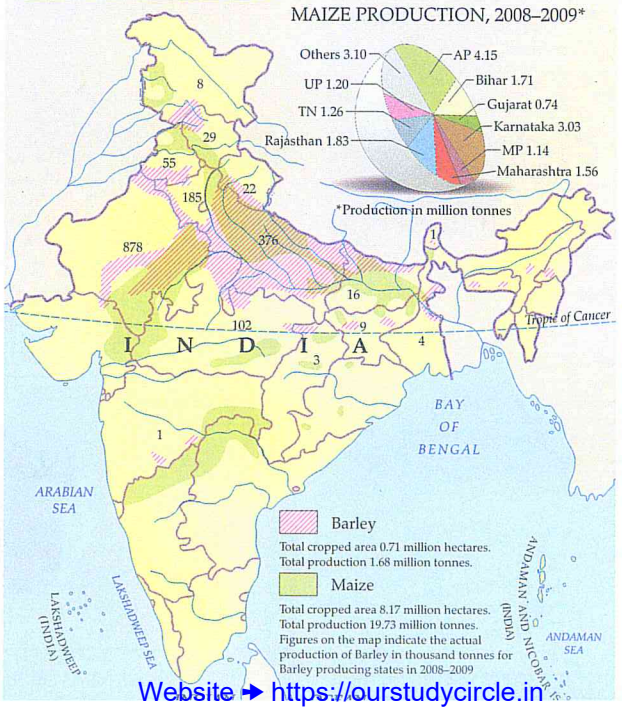
JOWAR AND RAGI



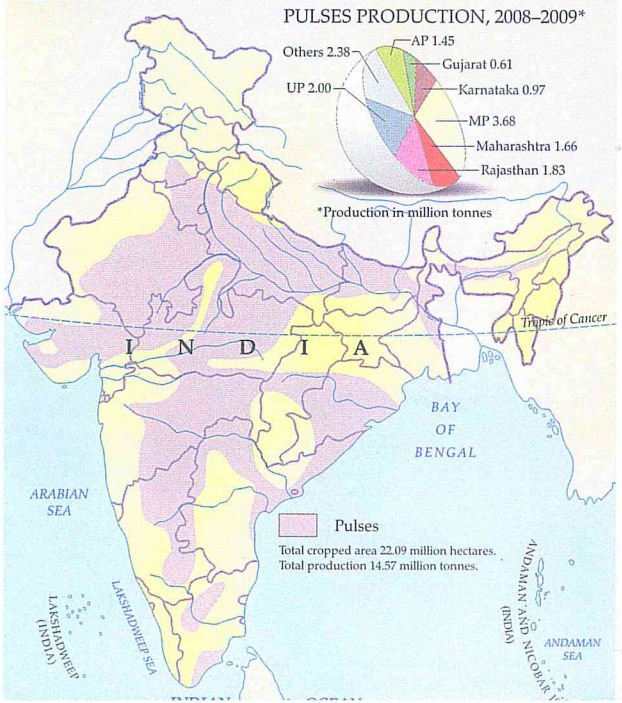
BAJRA



BARLEY AND MAIZE



PULSES



1: 36,000,000 (1cm to 360 km)
0 360 720 km
Scale
Projection: Lambert Conical Orthomorphic

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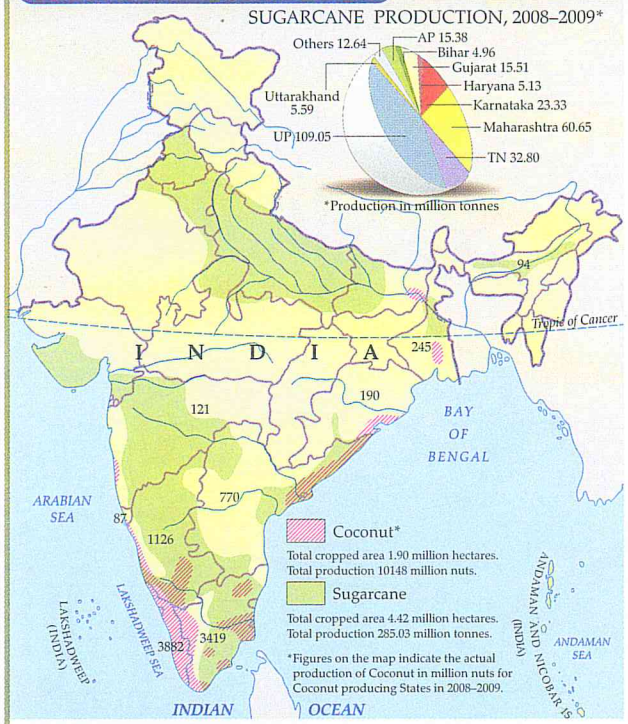
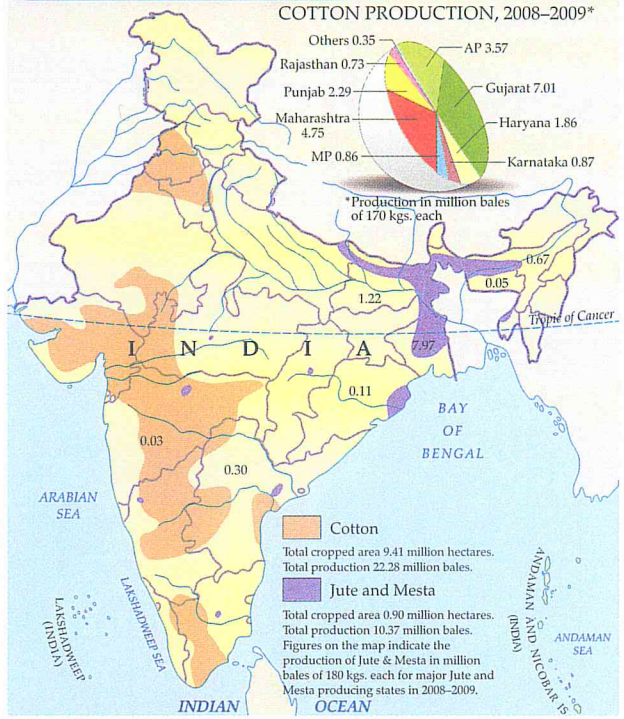
INDIA — OTHER CROPS

1: 36,000,000 (1cm to 360 km)
0 360 720 km
Scale
Projection: Lambert Conical Orthomorphic

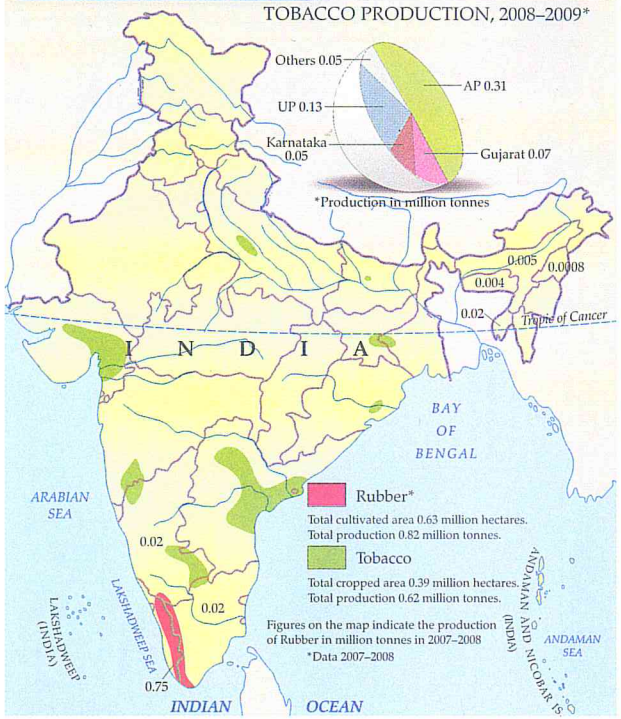
COCONUT AND SUGARCANE



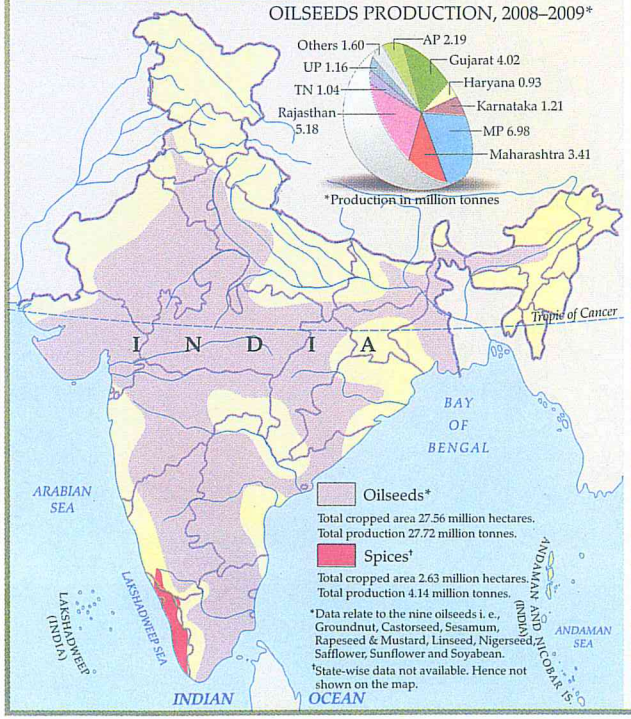
COTTON, JUTE AND MESTA



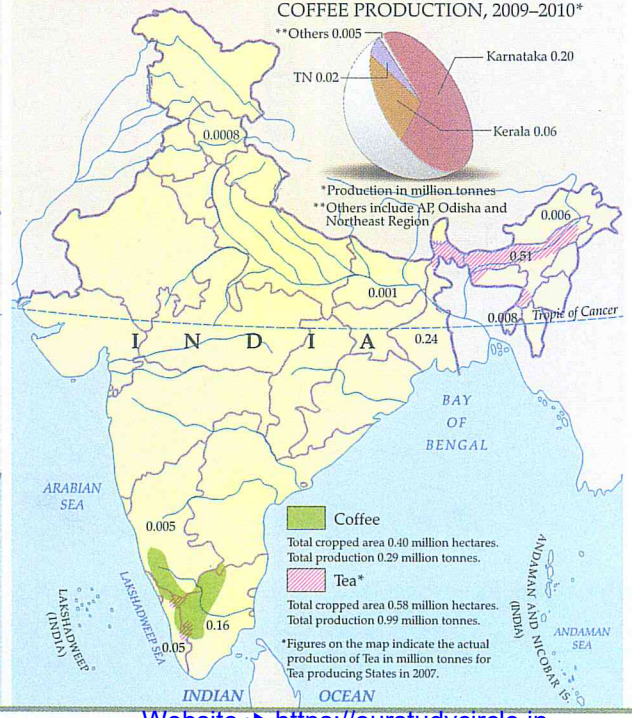
RUBBER AND TOBACCO



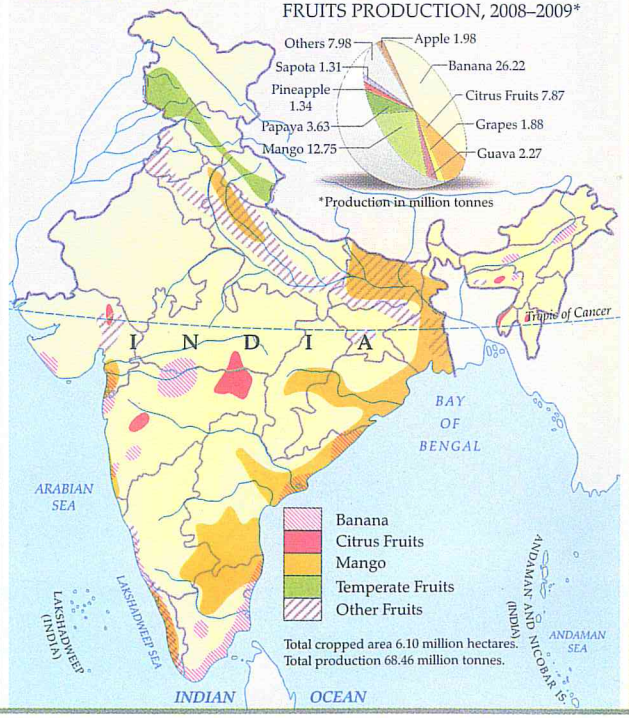
OILSEEDS AND SPICES



COFFEE AND TEA



FRUITS



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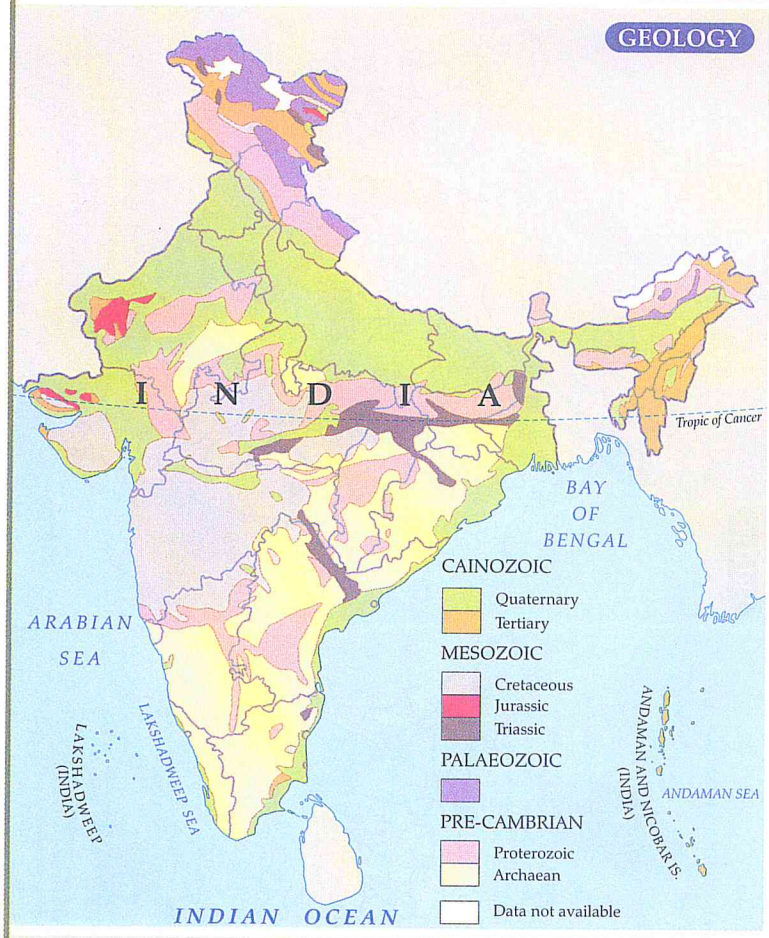
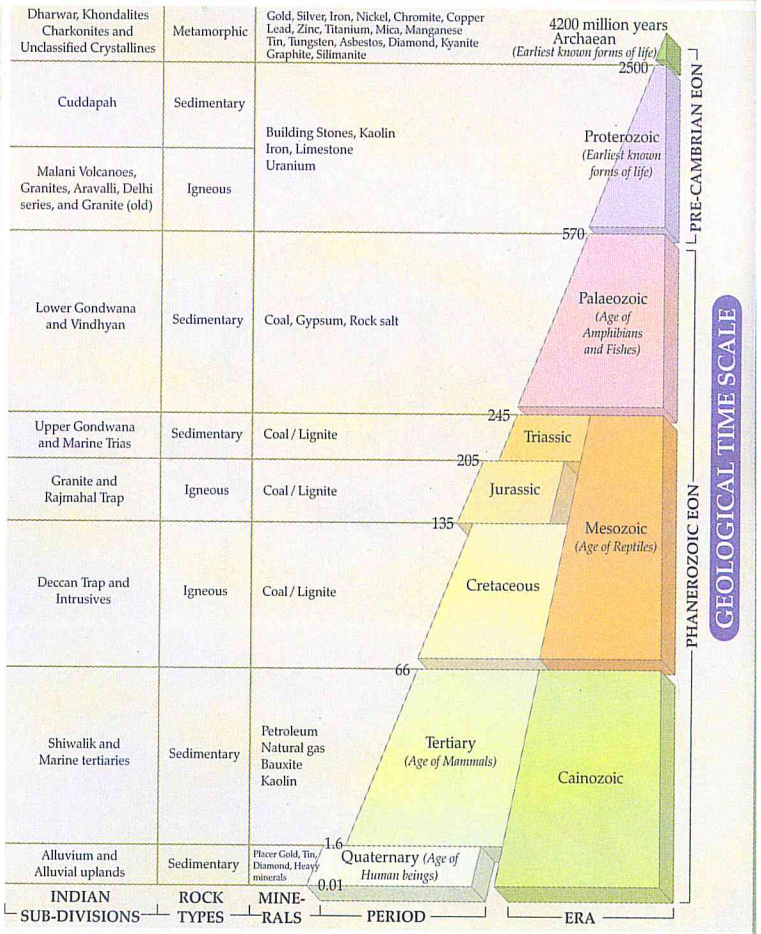
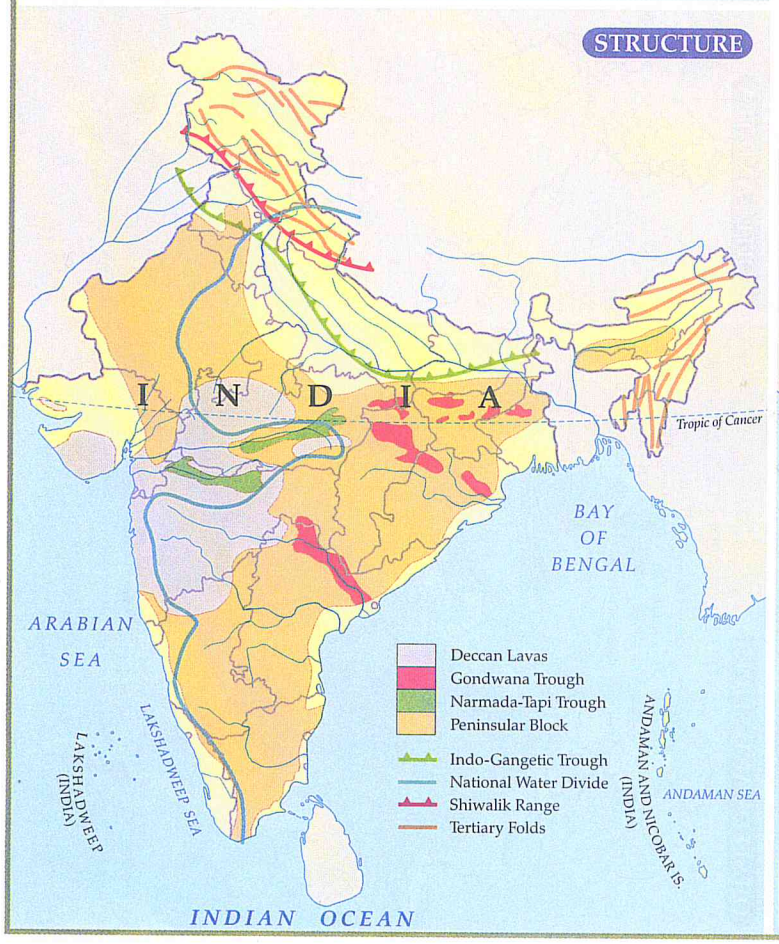
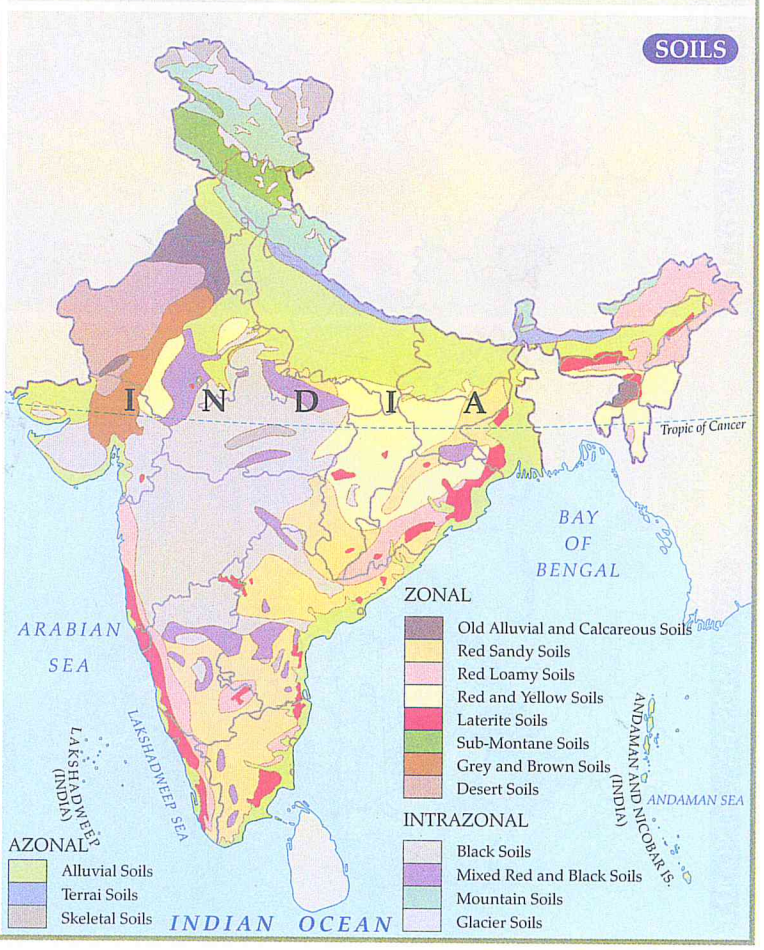
INDIA — GEOLOGY, STRUCTURE AND SOILS

1: 30,000,000 (1cm to 300 km)
0 300 600 km
Scale
Projection: Lambert Conical Orthomorphic









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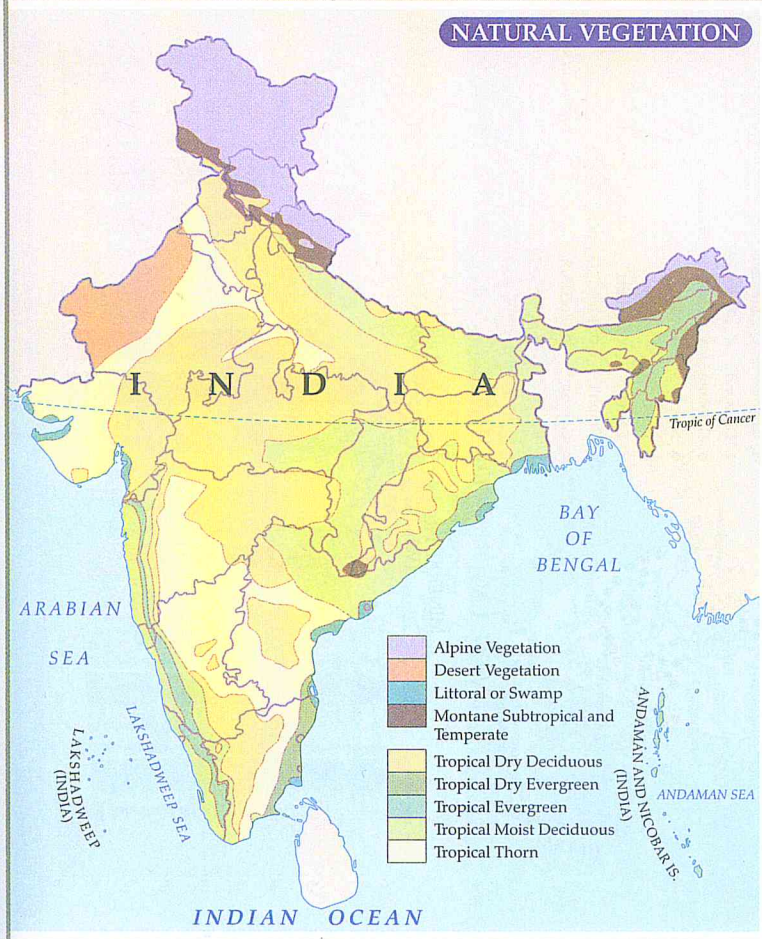
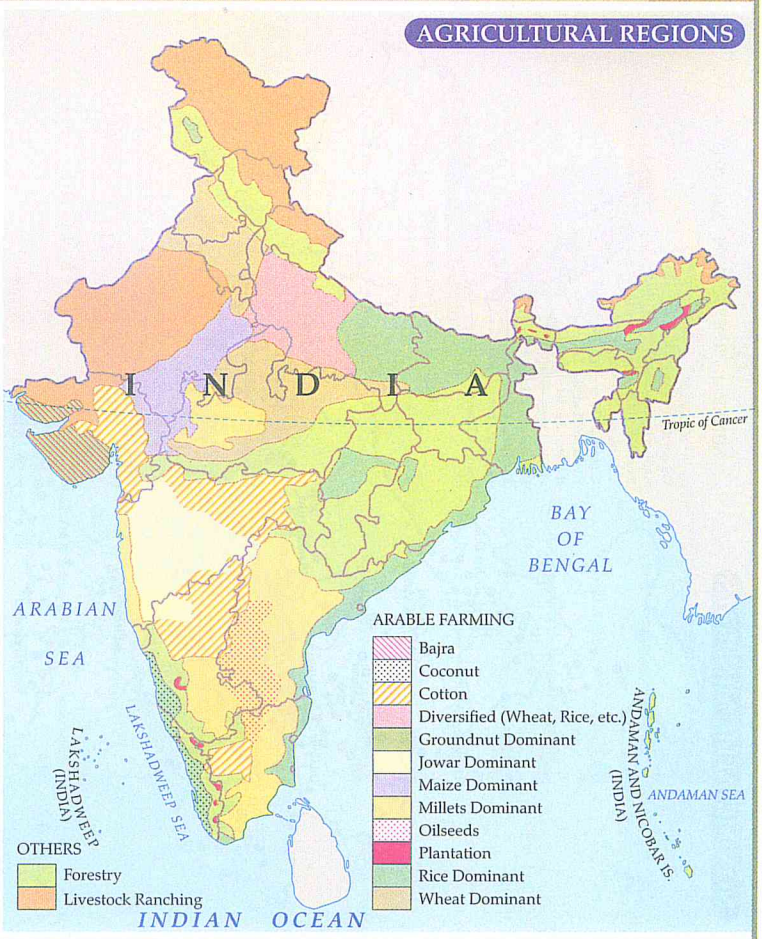
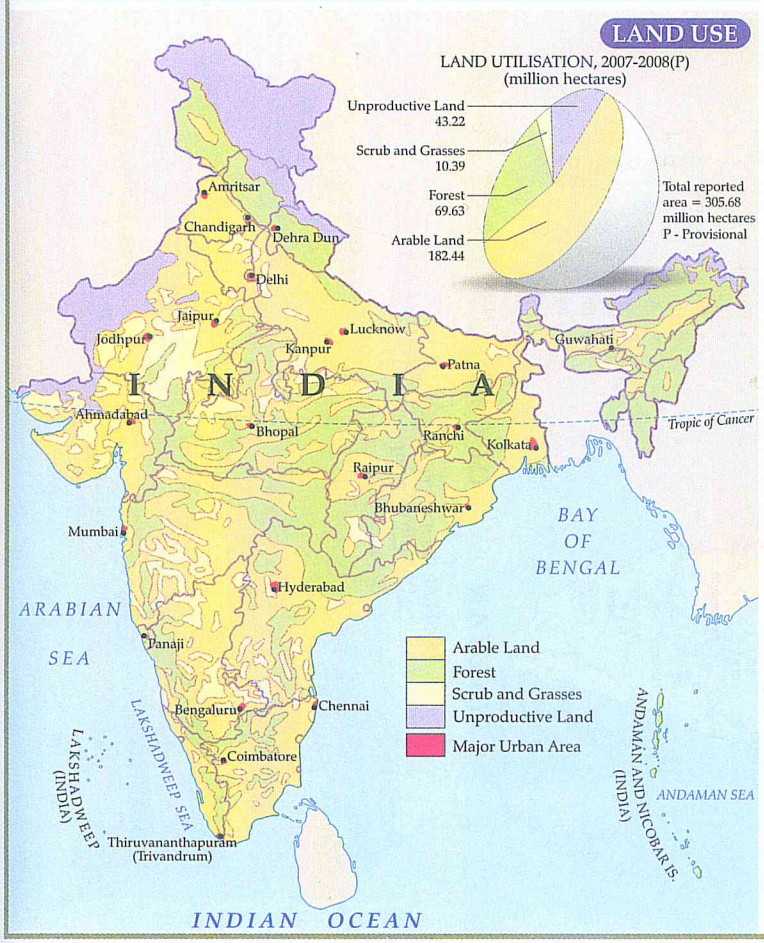
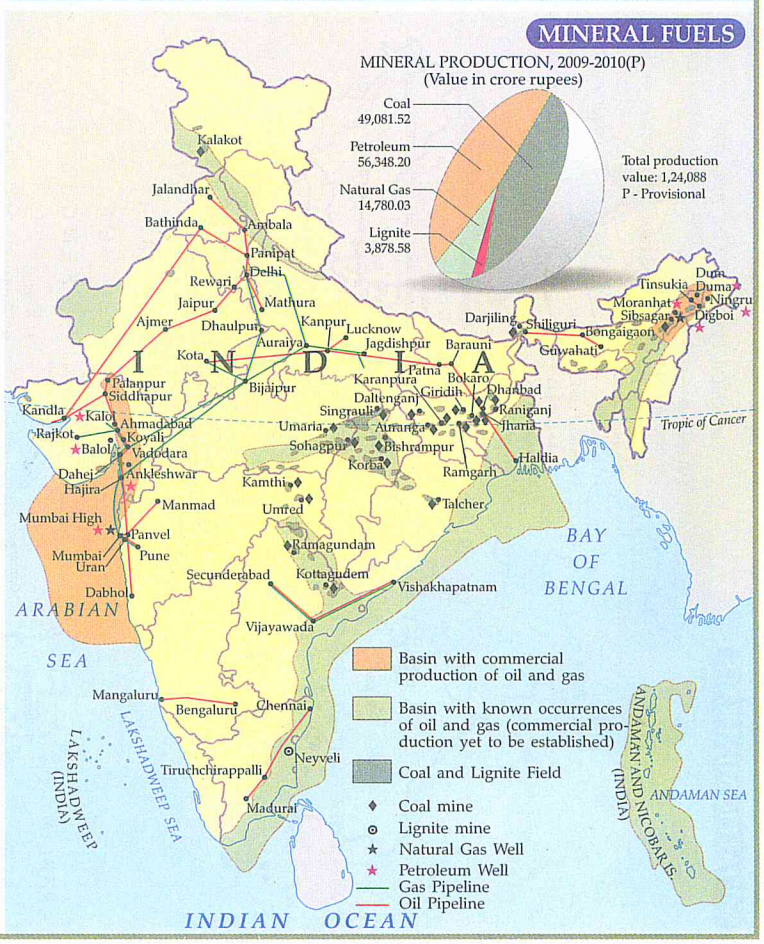
1: 30,000,000 (1cm to 300 km)
0 300 600 km
Scale
Projection: Lambert Conical Orthomorphic

INDIA — NATURAL VEGETATION, AGRICULTURAL REGIONS, LAND USE AND MINERAL FUELS









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INDIAN SATELLITES

Name	Date of Launch	Weight (kg)	Launch Vehicle
Aryabhata	19-04-1975	358	C-1 Intercosmos, USSR
Bhaskara-1	07-06-1979	444	C-1 Intercosmos, USSR
RTP	10-08-1979	35	SLV-3, India
RS-1	18-07-1980	35	SLV-3, India
RS-D1	31-05-1981	38	SLV-3, India
APPLE	19-06-1981	670	Ariane, Europe
Bhaskara-2	20-11-1981	436	C-1 Intercosmos, USSR
INSAT-1A	10-04-1982	1150	Delta, USA
RS-D2	17-04-1983	41.5	SLV-3, India
INSAT-1B	30-08-1983	1194	Space Shuttle, USA
SROSS-1	24-03-1987	150	ASLV, India
IRS-1A	17-03-1988	980	Vostok, USSR
SROSS-2	13-07-1988	150	ASLV, India
INSAT-1C	22-07-1988	1190	Ariane, Europe
INSAT-1D	12-06-1990	1293	Delta, USA
IRS-1B	29-08-1991	990	Vostok, USSR
SROSS-C	20-05-1992	106	ASLV, India
INSAT-2A	10-07-1992	1906	Ariane, Europe
INSAT-2B	23-07-1993	1932	Ariane, Europe
IRS-1E	20-09-1993	845	PSLV, India
SROSS-C2	04-05-1994	113	ASLV, India
IRS-P2	15-10-1994	904	PSLV, India
INSAT-2C	07-12-1995	2050	Ariane, Europe
IRS-1C	28-12-1995	1250	Molniya, Russia
IRS-P3	21-03-1996	920	PSLV, India
INSAT-2D	04-06-1997	2070	Ariane, Europe
IRS-1D	29-09-1997	1200	PSLV-C1, India
INSAT-2DT	(Procured in Orbit from Arabsat in January1988)		
INSAT-2E	03-04-1999	2550	Ariane, Europe
OCEANSAT-1 (IRS-P4)	26-05-1999	1050	PSLV-C2, India
INSAT-3B	22-03-2000	2070	Ariane, Europe
GSAT-1	18-04-2001	1530	GSLV-D1, India
TES	22-10-2001	1108	PSLV-C3, India
INSAT-3C	24-01-2002	2750	Ariane, Europe
Kalpana-1	12-09-2002	1060	PSLV-C4, India
INSAT-3A	10-04-2003	2950	Ariane, Europe
GSAT-2	08-05-2003	1825	GSLV-D2, India
INSAT-3E	28-09-2003	2775	Ariane, Europe
IRS-P6 RESOURCESAT-11	07-10-2003	1360	PSLV-C5, India
EDUSAT (GSAT-3)	20-09-2004	1950	GSLV-F01, India
CARTOSAT-1	05-05-2005	1560	PSLV-C6, India
HAMSAT	05-05-2005	42	PSLV-C6, India
INSAT-4A	22-12-2005	3080	Ariane, Europe
INSAT 4C	10-07-2006	2168	GSLV-F02, India
CARTOSAT-2	10-01-2007	550	PSLV-C7, India
SRE-1	10-01-2007	550	PSLV-C7, India
INSAT-4B	12-03-2007	3025	Ariane, Europe
CARTOSAT-2	23-04-2007	352	PSLV-C8, India
INSAT-4CR	02-09-2007	2130	GSLV-F04, India
CARTOSAT-2A	28-04-2008	690	PSLV-C9, India
IMS-1	28-04-2008	83	PSLV-C9, India
CHANDRAYAAN-1	22-10-2008	1380	PSLV-C11, India
RISAT-2	20-04-2009	300	PSLV-C12, India
ANUSAT	20-04-2009	40	PSLV-C12, India
OCEANSAT-2	23-09-2009	960	PSLV-C14, India
GSAT-4	15-04-2010	2220	GSLV-D3, India
CARTOSAT-2B	12-07-2010	694	PSLV-C15, India
STUDSAT	12-07-2010	<1	PSLV-C15, India
GSAT-5P	25-12-2010	2310	GSLV-F06, India
YOUTHSAT	20-04-2011	92	PSLV-C16, India
RESOURCESAT-2	20-04-2011	1206	PSLV-C16, India
GSAT-8	21-05-2011	3093	PSLV-C16, India
GSAT-12	15-07-2011	1410	PSLV-C17, India

Note: For list of Abbreviations*see top right of Universities map.

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