***Introduction***

he statistical information appeared in this

chapter is presented in three sections: Geographical characteristics and administrative divisions, Climate, and Environment.

***1. Geographical characteristics and administrative divisions***

Iran comprises a land area of over 1.6 million square kilometers. It lies down the northern temperate zone, between latitudes 25º 00' and 39º 47' north, and longitudes 44º 02' and 63º 20' east. The land’s average height is over 1200 meters. The lowest place, located in Chaleh-ye-Loot, is only 56 meters high, while the highest point, Damavand peak in Alborz Mountains, rises as high as 5610 meters. The land height at the southern coastal strip of the Caspian Sea is 28 meters lower than the open seas.

Iran is bounded by Turkmenistan, Caspian Sea, Azerbaijan, and Armenia on the north, Afghanistan and Pakistan on the east, Oman Sea and Persian Gulf on the south, and Iraq and Turkey on the west.

Administratively, the country is divided into Ostans, Ostans into Shahrestans, and Shahrestans into cities and Dehestans.

Highlands of Iran can be divided into four mountain ranges: northern, western, southern and central and eastern ranges. The northern mountain ranges have extended from Ararat Mountain in Turkey to Hindu Kush Mountain in Afghanistan, including Alamdar, Sahand, Sabalan, Talesh, Qaflan Kuh mountains in Azarbayejan, Albourz mountain ranges at the north of Tehran and south of Mazandaran and Gilan Ostans, Ala Dagh, Binalud, Hezar Masjed and Qarah Dagh in Khorasan Ostanon the east of Iran.

The mountain ranges in the west, whichhave extended from Ararat Mountain to the north west and thesouth east of the country, cover Sari Dash, Chehel Cheshmeh, Panjeh Ali, Alvand, Bakhtiyari mountains, Pish Kuh, Posht Kuh, Oshtoran Kuh and Zard Kuh and form Zagros ranges .The highest peak of this range is “Dena” with a 4409m height.

Southern mountain range stretches from Khouzestan province to Sistan & Baluchestan province and joins Soleyman Mountains in Pakistan. The mountain range includes Sepidar, Meymand, Bashagard and Bam Posht mountains.

Central and eastern mountains mainly comprise Karkas, Shir Kuh, Kuh Banan, Jebal Barez, Hezar,Bazman and Taftan mountains, the highest of which is Hezar mountain with a 4465 m height.

The largest Iranian islands that are mainly located at Persian Gulf and Hormuz Strait, are: Qeshm, Kish, Lavan, Larak Shahri, Hormuz, Hengam Jadid (new Hengam), Kabudan, Ashk (Orumiyeh Lake), Faroor Bozorg (Great Faroor), Hendurabi, Khark, Minou,Siri, Khan, Abu Mosa, Espir (Orumiyeh Lake), Tonb Bozorg (Great Tonb), Morghi, Kharku, Arezoo, (Orumiyeh Lake), Faroor Kuchak( Small Faroor) and Tunb Kuchak ( Small Tonb).

The Caspian Sea (the world’s largest lake) lies on the north of Iran and connects Iran to European countries through Russian water ways. The water of the most Iranian lakes is salty. The major internal lakes are: Orumiyeh, Namak, Hamoun Jazmourian, Hamoun-e-Saberi, Bakhtegan,Toshak, Hamoun-e-Pouzak, Maharlu, Hamoun-e-Hirmand, Talab-e-Anzali( Anzali lagoon), Howz-e-Sultan, Parishan and Zarivar of Marivan.

***2. Climate***

Due to its vast area, abundant mountains, desert lands and being adjacent to two large seas at the north and south as well as its closeness to Europe, Mediterranean Sea, African large Sahara desert, Indian Ocean, Asian internal highlands and large cold areas, Iran enjoys a very variable

climate. The effect of distance from the sea, namely closeness and remoteness from sea, can be easily perceived by comparing the large amount of rainfall and rich vegetation and highly populated areas around the Caspian Sea with the uninhabited arid deserts in the centre of Iran. The continuation of the mountain ranges, their location opposite or parallel to the winds direction and air flows are among the factors which always affect climate change. There is a significant difference among slopes facing or backing onto humid winds in terms of rainfall amount and vegetation.

The country generally features three climatic zones:

1. ***Arid and semi-arid climate*** of the interior and far south characterized by long, warm and dry periods, lasting some years over 7 months. The annual precipitation in such regions varies between 30 to 250 mm.

***2.Mountainous climate***, whichare   
sub-divided into cold and moderate mountainous climate.

***2.1***. ***Cold mountainous climate***: about 40000 sq km of the total country consists of major highlands, including Alborz and Zagross mountain ranges, as well as Sahand and Sabalan high peaks. The annual precipitation in these regions exceeds 500 mm.

***2. 2***. ***Moderate mountainous climate***: some 300000 sq km of the country enjoys moderate mountainous climate, where the annual precipitation varies from 250 to 600 mm.

***3.Caspian climate***, which is a narrow strip with a limited extension, trapped between the Caspian Sea and Alborz mountains range with as much as 600 to 2000 mm precipitation per annum.

Measurement of climatic characteristics, which dates back to 1320, is currently performed by the National Meteorological Organization at its numerous synoptic stations scattered around the country. The data in this chapter, however, are only from those located in Ostan (provincial) centers. They include temperature, precipitation, and relative humidity, the number of frosty days, hours of bright sunshine and speed of wind.

**Notes:**

1. Some capitals of Ostans have several synoptic stations and the data appeared here are from those located at the airports of Ostan's capitals.

2. Central basins, Hamun and Sarakhs, were renamed Central Plateau, Eastern Border and Qareh Qum respectively in 1383.

***3. Environment***

Statistics for types of natural resources, natural monuments protected by Iran Department of Environment have been reflected in the Iranian statistical yearbook since 1368.

## Definitions and concepts

***Shahrestan (subprovince):***an administrative division with a certain geographical boundary, formed from joining of a few neighboring Bakhshes(county) which enjoy homogeneous natural, social, economic, political and cultural conditions.

***Bakhsh (county):*** an administrative division with a specific geographical boundary, including a number of neighboring Dehestans and their adjacent fields, places, Roostas (hamlets), and possibly Shahrs, which are similar in natural, social, cultural, economic and political aspects.

***Shahr (city/town):***an area with a legal boundary, located within the geographical boundary of a certain Bakhsh and in terms of constructional context, employment and other factors, having the distinctive features of a city.

***Dehestan (rural agglomeration):*** the smallest unit among administrative divisions with a specific geographical boundary, comprised of a number of neighboring Roostas and their adjacent places and fields, homogeneous in environment, economic and social conditions that allow for providing public services and planning within a single system and network.

***Synoptic stations (simultaneous meteorological reporting stations):***the stations at which various climatic features including dry and humid temperatures, amount and type of cloud, amount of precipitation, type of climatic phenomenon, direction and speed of wind, amount of evaporation, air pressure, hours of bright sunshine, changes in pressure, amount of solar radiation, etc. are according to certain instructions at certain hours measured and by devices like SSB, telephone or telex communicated to meteorological centers across the globe after being registered.

***Absolute minimum:*** the lowest temperature during a certain period (24 hours, one month, one year, or a few years).

***Absolute maximum:*** the highest temperature during a certain period (24 hours, one month, one year, or a few years).

***Relative humidity:*** the amount of humid air in a volume unit of air.

***Average height of precipitation:*** is the weighted mean of an area. By dividing the area into several polygons and considering the precipitation in each polygon, the average height of precipitation is calculated.

***Water basin*:** is a geographical area in which overland flows from, and drains downhill into a body of water, such as ocean, sea, or flat. If the concentration point is located inside the basin, the basin is a closed one (e.g. Orumiyeh Lake), but if the point is located at the end of the basin, so that the flow can leave there, then there is an open basin. Every given point in a river is considered the concentration point for the basin just above it.

***Aquatic year:*** from the first day of Mehr to the end of Shahrivar of the next year.

***Coefficient of overland flow:*** the ratio of the volume of water flowed in a given hydrometric station to the volume of the precipitation of the basin stretching to the station.

***Hydrometric stations:*** stations in which parameters of debit (discharge), sediment, temperature, physical properties of water and features of ice cover and chemical properties of rivers, lake and dams reservoir are observed and measured.

***Volume of overland flow:*** To estimate the volume of overland flow of each of the country’s main basins, a total of 42 rivers have been selected to indicate and represent the overland flow whose annual total volume exceeds 60 percent of the country’s grand total. To reach the volume of any individual flow, a proper coefficient is applied to the total volume.

***National parks:*** an area of the nation's natural resources such as jungles, pastures, natural coppices, woodlands, plains, water and mountainous regions which presents distinguished samples of Iran's natural manifestations and is protected in order to provide sustainable preservation of its natural and varied conditions and create a suitable environment for reproduction and breeding of wildlife and growth of plants in a completely natural condition.

***Wildlife habitats:*** an area of the nation's natural resources such as jungles, pastures, natural coppices, woodlands, plains, water and mountainous regions which has typical natural habitats and special ecological conditions for wildlife and is protected in order to preserve or rehabilitate these protected habitats.

***Nature reserves:*** protected areas of the country’s nature, including jungles, pastures, plains, or mountainous regions which are habitat for important or rare species of wildlife and/or plantation.

***National natural heritages:*** specific and rare species of plants or animal and unique picturesque settings or views, specific natural forms of the earth as well as very old trees which are protected in an appropriate area.

***Selected information***

The total length of the I.R. Iran’s borderlines is 8865 kilometers out of which the longest borderline is for that of Iran-Iraq and the shortest one goes to Iran-Armenia which equals 1609 and 48 kilometers respectively.

In the year 1390, Sistan & Baluchestan, Kerman, Yazd, Fars, Khorasan-e- Razavi and Esfahan were among the largest provinces in the country respectively, and each of them has an area of more than 100000 Km2. Tehran province with an area of 19000 Km2 ranks 24th out of the nation's largest provinces.

In the year 1390, I.R.Iran was divided into 31 Ostans (provinces), 400 Shahrestans (sub-provinces), 994 Bakhshes (counties), 1166 Shahrs (cities) and 2507 Dehestans (rural agglomerations).

Moreover, average maximum and minimum temperatures in Ostans’ centers belong to Ahvaz, with 32.9O C and Ardebil with 7.0O C respectively. Furthermore, the absolute maximum belongs to Ahvaz with 54.0O C and the absolute minimum goes to Ardebil with -32.0O C. Also in the said year, the highest annual precipitation of the country belongs to Rasht and Sari which amounted to 1354 and 743 mm respectively and Yazd and Zahedan with 62.0 and 91.0 mm respectively had the lowest annual precipitation amongst all Ostans’ centers. In the year 1390, the maximum frosty days belong to Shahr-e-Kord with 146 days and Ardebil with 128 days. Bandar Abbas, Bushehr and Ahvaz have not experienced any frosty day.

The volume of precipitation in national main basins during the aquatic year of 1389-90 was approximately 328.184 bln m3 out of which the share of each basin is as follows: the Caspian Sea 66.913 bln m3, the Persian Gulf and Oman Sea 120.200 bln m3, the Lake Orumiyeh 15.405 bln m3 , Central Plateau 110.723 bln m3, Eastern Border 8.331bln m3& Qareh Qum 6.613 bln m3.

It is also noteworthy that the ratio of the area of main water basins to the total country area is as follows: the Caspian Sea 10.76%, the Persian Gulf and Oman Sea 26.16%, Lake Orumiyeh 3.19%, Central Plateau 50.80%, Eastern Border 6.36 % & Qareh Qum 2.72%.

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| **1. 1. LENGTH OF IRANIAN BORDERLINES (km)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Total | Iran-Iraq borderline | Iran- Turkey borderline | Iran- Turkmenistan borderline | Iran- Azerbaijan borderline | | 8865 | 1609 | 511 | 1205 | 759 | |

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Iran- Armenia border | Northern coastline | Iran- Afghanistan borderline | Iran- Pakistan borderline | Southern coastline | | 48 | 765 | 945 | 978 | 2045 |  *Source: Armed Forces Geographical Organization*  |  | | --- | |  | |  | |  | |  | |  |  |  | | --- | | **1. 2. LONGITUDE AND LATITUDE OF OSTANS, THE YEAR 1390** | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | Longitude | | | | Latitude | | | | | Lower limit | | Upper limit | | Lower limit | | Upper limit | | | Minute | Degree | Minute | Degree | Minute | Degree | Minute | Degree | | ***Total country*** ... | ***02*** | ***44*** | ***20*** | ***63*** | ***00*** | ***25*** | ***47*** | ***39*** | | East Azarbayejan .............. | 05 | 45 | 21 | 48 | 45 | 36 | 25 | 39 | | West Azarbayejan .............. | 02 | 44 | 23 | 47 | 58 | 35 | 47 | 39 | | Ardebil .... . | 17 | 47 | 55 | 48 | 06 | 37 | 42 | 39 | | Esfahan ....... | 40 | 49 | 30 | 55 | 42 | 30 | 30 | 34 | | Ilam ........... ... | 40 | 45 | 03 | 48 | 03 | 32 | 02 | 34 | | Bushehr ...... ........ | 06 | 50 | 56 | 52 | 16 | 27 | 18 | 30 | | Tehran . ............. | 10 | 50 | 10 | 53 | 52 | 34 | 21 | 36 | | Chaharmahal & Bakhtiyari | 30 | 49 | 26 | 51 | 09 | 31 | 49 | 32 | | South Khorasan . . | 01 | 57 | 56 | 60 | 32 | 30 | 37 | 34 | | Khorasan-e-Razavi .............. | 45 | 56 | 17 | 67 | 51 | 34 | 45 | 37 | | North Khorasan .. ............ | 53 | 55 | 20 | 58 | 37 | 36 | 17 | 38 | | Khuzestan ........ | 40 | 47 | 33 | 50 | 57 | 29 | 00 | 33 | | Zanjan ....... ....... | 10 | 47 | 26 | 49 | 33 | 35 | 15 | 37 | | Semnan ....... ....... | 50 | 51 | 03 | 57 | 15 | 34 | 20 | 37 | | Sistan & Baluchestan | 55 | 58 | 20 | 63 | 04 | 25 | 29 | 31 | | Fars ......... ..... | 36 | 50 | 35 | 55 | 03 | 27 | 40 | 31 | | Qazvin ....... ....... | 44 | 48 | 51 | 50 | 24 | 35 | 49 | 36 | | Qom .......... .... | 06 | 50 | 58 | 51 | 09 | 34 | 11 | 35 | | Kordestan .... .......... | 33 | 45 | 15 | 48 | 44 | 34 | 28 | 36 | | Kerman ......... ..... | 21 | 54 | 34 | 59 | 29 | 26 | 58 | 31 | | Kermanshah ..... ......... | 24 | 45 | 06 | 48 | 41 | 33 | 17 | 35 | | Kohgiluyeh & Boyerahmad | 53 | 49 | 53 | 51 | 56 | 29 | 29 | 31 | | Golestan | 51 | 53 | 19 | 56 | 30 | 36 | 8 | 38 | | Gilan ........... ... | 34 | 48 | 36 | 50 | 34 | 36 | 27 | 38 | | Lorestan ........... ... | 50 | 46 | 01 | 50 | 40 | 32 | 23 | 34 | | Mazandaran .... .......... | 21 | 50 | 08 | 54 | 46 | 35 | 58 | 36 | | Markazi .......... .... | 57 | 48 | 04 | 51 | 23 | 33 | 35 | 35 | | Hormozgan ...... ........ | 44 | 52 | 14 | 59 | 24 | 25 | 53 | 28 | | Hamedan ........ ...... | 48 | 47 | 28 | 49 | 00 | 34 | 44 | 35 | | Yazd ........ ...... | 48 | 52 | 21 | 58 | 36 | 29 | 06 | 35 | | | *.Source: Armed Forces Geographical Organization* |  |  | | --- | |  | | **1. 3. NUMBER OF SHAHRESTANS, BAKHSHES, CITIES AND DEHESTANS ACCORDING** **TO THE ADMINISTRATIVE DIVISIONS**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Year | Number of Shahrestans | Number of Bakhshes | Number of cities | Number of Dehestans | | 1375..... ..... | 265 | 707 | 678 | 2227 | | 1380........... .. | 299 | 794 | 889 | 2305 | | 1385............. . | 336 | 889 | 1015 | 2400 | | 1386............ .. | 336 | 889 | 1016 | 2400 | | 1387............ .. | 363 | 919 | 1061 | 2430 | | 1388............ .. | 380 | 945 | 1105 | 2459 | | 1389........... ... | 397 | 982 | 1144 | 2496 | | ***1390......... ....*** | ***400*** | ***994*** | ***1166*** | ***2507*** | | | | *Sources: Statistical Centre of Iran;* | | | *- Ministry of the Interior.* | | |  | |  |  | | --- | | **1. 4. GENERAL CHARACTERISTICS OF OSTANS ACCORDING TO THEADMINISTRATIVE** | | **DIVISIONS AT THE END OF THE YEAR 1390** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Ostan | Capital of Ostan | Area (1)  (sq km) | Number of Shahrestans | Number of Bakhshes | Number of cities | Number of Dehestans | | ***Total country*** .. ............ | ***××*** | ***1628750*** | ***400*** | ***994*** | ***1166*** | ***2507*** | | East Azarbayejan ... ........... | Tabriz | 45650 | 20 | 44 | 59 | 142 | | West Azarbayejan ..... ......... | Orumiyeh | 37411 | 17 | 40 | 42 | 113 | | Ardebil ....... ....... | Ardebil | 17800 | 10 | 29 | 26 | 71 | | Esfahan ..... ......... | Esfahan | 107029 | 23 | 47 | 103 | 126 | | Alborz........ ...... | Karaj | 5124 | 4 | 10 | 16 | 22 | | Ilam ......... ..... | Ilam | 20133 | 8 | 20 | 22 | 40 | | Bushehr ..... ......... | Bushehr | 22743 | 9 | 23 | 32 | 44 | | Tehran ....... ....... | Tehran | 13690 | 14 | 29 | 41 | 64 | | Chaharmahal & Bakhtiyari . | Shahr-e-Kord | 16332 | 7 | 22 | 31 | 45 | | South Khorasan ..... ......... | Birjand | 95385 | 8 | 20 | 25 | 51 | | Khorasan-e-Razavi ..... ......... | Mashhad | 118854 | 27 | 69 | 72 | 163 | | North Khorasan ..... ......... | Bojnurd | 28434 | 7 | 17 | 18 | 42 | | Khuzestan ....... ....... | Ahvaz | 64055 | 24 | 55 | 63 | 130 | | Zanjan ........ ...... | Zanjan | 21773 | 7 | 16 | 19 | 46 | | Semnan ...... ........ | Semnan | 97491 | 7 | 15 | 19 | 31 | | Sistan & Baluchestan ......... | Zahedan | 181758 | 14 | 41 | 37 | 103 | | Fars ..... ......... | Shiraz | 122608 | 29 | 83 | 94 | 204 | | Qazvin | Qazvin | 15567 | 6 | 19 | 25 | 46 | | Qom ...... ........ | Qom | 11526 | 1 | 5 | 6 | 9 | | Kordestan ....... ....... | Sanandaj | 29137 | 10 | 29 | 27 | 85 | | Kerman .......... .... | Kerman | 180726 | 23 | 58 | 65 | 151 | | Kermanshah ..... ......... | Kermanshah | 24998 | 14 | 31 | 31 | 86 | | Kohgiluyeh & Boyerahmad .............. | Yasuj | 15504 | 7 | 17 | 16 | 43 | | Golestan ........ ...... | Gorgan | 20367 | 14 | 27 | 26 | 60 | | Gilan ........ ...... | Rasht | 14042 | 16 | 43 | 51 | 109 | | Lorestan ...... ........ | Khorramabad | 28294 | 10 | 27 | 25 | 84 | | Mazandaran ...... ........ | Sari | 23842 | 19 | 50 | 56 | 122 | | Markazi ..... ......... | Arak | 29127 | 12 | 23 | 32 | 66 | | Hormozgan ... ........... | BandarAbbas | 70697 | 13 | 38 | 34 | 85 | | Hamedan ..... ......... | Hamedan | 19368 | 9 | 25 | 29 | 73 | | Yazd ........ ...... | Yazd | 129285 | 11 | 22 | 24 | 51 | | | *1. Only land area* | | *Source: Ministry of the Interior.* | |  |   90.jpg   |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390** | |  | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | ***Total country*** ...... ........ | ***994*** | ***1166*** | ***2507*** | | ***East Azarbayejan*** ....... ....... | ***44*** | ***59*** | ***142*** | | Azarshahr ......... ..... | 3 | 4 | 7 | | Osku .......... .... | 2 | 3 | 5 | | Ahar .......... .... | 2 | 2 | 9 | | Bostanabad ....... ....... | 2 | 2 | 9 | | Bonab .... .......... | 1 | 1 | 3 | | Tabriz ....... ....... | 2 | 4 | 6 | | Jolfa ..... ......... | 2 | 3 | 5 | | Charoimaq .... .......... | 2 | 1 | 6 | | Khoda Afarien ..... ......... | 3 | 1 | 7 | | Sarab .......... .... | 2 | 4 | 9 | | Shabestar ....... ....... | 3 | 9 | 8 | | Ajabshir ........ ...... | 2 | 1 | 4 | | Kaleibar ........ ...... | 2 | 2 | 7 | | Maragheh ...... ........ | 2 | 2 | 6 | | Marand ........ ...... | 2 | 5 | 9 | | Malekan ....... ....... | 2 | 2 | 5 | | Miyaneh ...... ........ | 4 | 4 | 17 | | Haris .......... .... | 2 | 5 | 6 | | Hashtrud ..... ......... | 2 | 2 | 7 | | Varzaqan ....... ....... | 2 | 2 | 7 | | ***West Azarbayejan*** ......... ..... | ***40*** | ***42*** | ***113*** | | Orumiyeh ......... ..... | 5 | 5 | 20 | | Oshnaviyeh .......... .... | 2 | 2 | 4 | | Bukan ....... ....... | 2 | 2 | 7 | | Poldasht ......... ..... | 2 | 2 | 4 | | Piranshahr ......... ..... | 2 | 2 | 5 | | Takab .......... .... | 2 | 1 | 6 | | Chaldoran ...... ........ | 2 | 2 | 5 | | Chaypareh Eh ..... ......... | 2 | 1 | 4 | | Khoy .......... .... | 4 | 6 | 11 | | Sardasht ..... ......... | 2 | 3 | 6 | | Salmas ......... ..... | 2 | 2 | 7 | | Shahindezh .... .......... | 2 | 3 | 5 | | Shout ......... ..... | 2 | 2 | 4 | | Maku .......... .... | 2 | 2 | 5 | | Mahabad ...... ........ | 2 | 2 | 5 | | Miandoab .......... .... | 3 | 3 | 11 | | Naqadeh .......... .... | 2 | 2 | 4 | |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF** **THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | ***Ardebil*** ....... ....... | ***29*** | ***26*** | ***71*** | | Ardebil .......... .... | 3 | 2 | 10 | | Bilehsavar .......... .... | 2 | 2 | 4 | | Parsabad ............. . | 4 | 4 | 8 | | Khalkhal ......... ..... | 3 | 3 | 8 | | Sareyn............ .. | 2 | 1 | 4 | | Kowsar ......... ..... | 2 | 1 | 4 | | Garmi ........... ... | 3 | 2 | 9 | | Meshkinshahr ... ........... | 5 | 6 | 12 | | Namin ........ ...... | 3 | 3 | 7 | | Nayer ........... ... | 2 | 2 | 5 | | ***Esfahan*** ......... ..... | ***47*** | ***103*** | ***126*** | | Aran & Bidgol .......... .... | 2 | 4 | 3 | | Ardestan ....... ....... | 2 | 3 | 7 | | Esfahan ........ ...... | 6 | 14 | 19 | | Borkhar .......... .... | 2 | 7 | 4 | | Tiran & Karvan .. | 2 | 3 | 4 | | Chadegan ......... ..... | 2 | 2 | 4 | | Khomeinishahr ....... ....... | 1 | 4 | 3 | | Khansar ..... ......... | 1 | 1 | 3 | | Khour& Biyabanak..... ......... | 1 | 3 | 3 | | Dehaghan........ ...... | 1 | 2 | 3 | | Semirom ........ ...... | 4 | 4 | 8 | | Shahin Shahr& Meymeh .... .......... | 2 | 6 | 4 | | Shahreza ........ ..... | 1 | 2 | 4 | | Faridan ......... ..... | 2 | 4 | 9 | | Fereydunshahr ......... ..... | 1 | 2 | 5 | | Falavarjan ...... ........ | 2 | 7 | 6 | | Kashan ........ ...... | 4 | 6 | 9 | | Golpayegan ...... ........ | 1 | 3 | 3 | | Lenjan .......... .... | 2 | 8 | 5 | | Mobarakeh .... .......... | 2 | 5 | 5 | | Naeen ......... ..... | 2 | 3 | 5 | | Najafabad .... .......... | 2 | 6 | 5 | | Natanz........ ...... | 2 | 4 | 5 | | ***Alborz***........ ...... | ***10*** | ***16*** | ***22*** | | Savojbalagh...... ........ | 3 | 5 | 6 | | Taleghan......... ..... | 2 | 1 | 4 | | Karaj....... ....... | 3 | 8 | 7 | | Nazarabad..... ......... | 2 | 2 | 5 | | ***Ilam*** ... ........... | ***20*** | ***22*** | ***40*** | |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Bakhshes | | Abdanan ..... ......... | 3 | 3 | 6 | | Ilam ......... ..... | 2 | 2 | 4 | | Ivan ....... ....... | 2 | 2 | 4 | | Darrehshahr .......... .... | 3 | 2 | 6 | | Dehloran .......... .... | 3 | 4 | 6 | | Shirvan & Chardavel ... ........... | 3 | 4 | 8 | | Malekshahi.......... .... | 2 | 3 | 4 | | Mehran ........ ...... | 2 | 2 | 2 | | ***Bushehr*** ........ ...... | ***23*** | ***32*** | ***44*** | | Bushehr ......... ..... | 2 | 3 | 2 | | Tangestan ...... ........ | 2 | 2 | 4 | | Jam ......... ..... | 2 | 3 | 5 | | Dashtestan ..... ......... | 6 | 8 | 12 | | Dashti ........... ... | 3 | 3 | 7 | | Dayyer ......... ..... | 2 | 4 | 4 | | Deylam ......... ..... | 2 | 2 | 4 | | Kangan ........ ...... | 2 | 5 | 4 | | Genaveh ....... ...... | 2 | 2 | 2 | | ***Tehran*** ..... ....... | ***29*** | ***41*** | ***64*** | | Eslamshahr .......... .... | 2 | 2 | 4 | | Baharestan...... ........ | 2 | 3 | 4 | | Pakdasht.......... .... | 2 | 3 | 6 | | Pishva..... ......... | 2 | 1 | 4 | | Tehran........ ...... | 3 | 3 | 4 | | Damavand ...... ........ | 2 | 5 | 5 | | Robatkarim ...... ........ | 1 | 2 | 3 | | Rey ........ ...... | 4 | 4 | 8 | | Shemiranat ...... ........ | 2 | 3 | 3 | | Shahriar ....... ....... | 1 | 7 | 6 | | Firuzkuh........ ...... | 2 | 2 | 5 | | Qods........... ... | 1 | 1 | 2 | | Malard .... .......... | 2 | 2 | 4 | | Varamin ....... ....... | 3 | 3 | 6 | | ***Chaharmahal & Bakhtiyari*** . | ***22*** | ***31*** | ***45*** | | Ardal ....... ....... | 2 | 1 | 4 | | Borujen ........ ...... | 3 | 6 | 5 | | Shahr-e-Kord .... .......... | 4 | 11 | 8 | | Farsan ...... ........ | 3 | 4 | 5 | | Kuhrang ...... ........ | 3 | 1 | 7 | | Keyar.......... .... | 2 | 4 | 5 | | Lordegan .. ............ | 5 | 4 | 11 | | ***South Khorasan*** ........ ...... | ***20*** | ***25*** | ***51*** | | Boshroye .......... .... | 2 | 2 | 4 | |  |  |  |  | |  |  |  |  | |  |  |  |  | | |  | |  |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Birjand............. . | 2 | 3 | 10 | | Darmiyan ..... .. | 3 | 4 | 6 | | Sarayan ......... .. | 2 | 3 | 4 | | Sarbisheh | 3 | 2 | 6 | | Ferdows ...... ........ | 1 | 2 | 3 | | Qayenat ...... ........ | 5 | 7 | 13 | | Nahbandan .... .......... | 2 | 2 | 5 | | ***Khorasan-e-Razavi ........ ......*** | ***69*** | ***72*** | ***163*** | | Bakharz....... ....... | 2 | 1 | 4 | | Bajestan..... ......... | 2 | 2 | 4 | | Bardeskan ...... ........ | 3 | 3 | 6 | | Binalood......... ..... | 2 | 2 | 4 | | Taybad ........ ...... | 2 | 3 | 4 | | Takht-e jolgeh...... ........ | 2 | 2 | 4 | | Torbat-e-Jam ...... ........ | 5 | 5 | 13 | | Torbat-e-Heydariyeh ... ........... | 4 | 4 | 8 | | Joghatay............ .. | 2 | 1 | 4 | | Jovin......... ..... | 2 | 1 | 4 | | Chenaran ..... ......... | 2 | 2 | 5 | | Khalil Abad .. ............ | 2 | 2 | 4 | | Khaf .......... .... | 4 | 5 | 8 | | Khooshab....... ....... | 2 | 1 | 5 | | Dargaz ......... ..... | 4 | 4 | 7 | | Rashtkhar ....... ....... | 2 | 2 | 4 | | Zaveh.......... .... | 2 | 1 | 4 | | Sabzevar ...... ........ | 4 | 4 | 14 | | Serakhs ........ ...... | 2 | 2 | 6 | | Fariman ........ ...... | 2 | 4 | 5 | | Quchan ....... ....... | 2 | 2 | 5 | | Kashmar ........... ... | 2 | 2 | 5 | | Kalat .......... .... | 2 | 2 | 4 | | Gonabad ..... ......... | 2 | 3 | 4 | | Mashhad ....... ....... | 3 | 3 | 11 | | Mah-Velat ........ ...... | 2 | 2 | 4 | | Neyshabur .......... .... | 4 | 7 | 13 | | ***North Khorasan ..... .........*** | ***17*** | ***18*** | ***42*** | | Esfarayen ........ ...... | 2 | 2 | 7 | | Bojnurd ......... ..... | 3 | 3 | 8 | | Jajarm ......... ..... | 3 | 3 | 5 | | Shirvan ...... ........ | 3 | 2 | 9 | | Faruj .......... ... | 2 | 2 | 5 | | |  | |  |  |  | | --- | |  | |  | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Garmeh....... .. | 1 | 3 | 2 | | Maneh and Samalqan ... .. | 3 | 3 | 6 | | ***Khuzestan ......... ..*** | ***55*** | ***63*** | ***130*** | | Abadan ....... .. | 2 | 3 | 6 | | Omidiyeh ..... .. | 2 | 2 | 4 | | Andimeshk ..... .. | 2 | 2 | 4 | | Endika | 3 | 1 | 6 | | Ahvaz | 2 | 2 | 10 | | Izeh ........... ... | 3 | 2 | 10 | | Baghmalek .. ............ | 3 | 4 | 8 | | Bavi............ .. | 2 | 3 | 4 | | Bandar-e-Mahshahr .... .......... | 2 | 3 | 1 | | Behbahan ............ .. | 4 | 3 | 6 | | Khorramshahr ...... ........ | 2 | 3 | 4 | | Dezful ....... ....... | 4 | 8 | 11 | | Dasht-e-Azadegan ... ........... | 2 | 2 | 5 | | Ramshir ......... ..... | 2 | 2 | 4 | | Ramhormoz ... ........... | 1 | 1 | 4 | | Shadegan ......... ..... | 2 | 2 | 7 | | Shush ....... ....... | 3 | 5 | 7 | | Shushtar ... ........... | 2 | 3 | 6 | | Gotvand .... .......... | 2 | 5 | 4 | | Lali ......... ..... | 2 | 1 | 4 | | Masjed Soleyman .. ............ | 2 | 1 | 4 | | haftgol........ ...... | 2 | 1 | 3 | | Hendijan ....... ....... | 2 | 2 | 4 | | Hovayzeh....... ....... | 2 | 2 | 4 | | ***Zanjan*** ....... ....... | ***16*** | ***19*** | ***46*** | | Abhar ....... ....... | 2 | 4 | 8 | | Ijerud ..... ......... | 2 | 2 | 4 | | Khodabandeh .......... .... | 4 | 5 | 10 | | Khorramdarreh ...... ........ | 1 | 1 | 2 | | Zanjan ......... ..... | 3 | 3 | 12 | | Tarom ......... ..... | 2 | 2 | 5 | | Mahneshan ...... ........ | 2 | 2 | 5 | | ***Semnan*** ......... ..... | ***15*** | ***19*** | ***31*** | | Aradan………………………………. | 2 | 2 | 4 | | Damghan ....... ....... | 2 | 4 | 6 | | Semnan ....... ....... | 2 | 2 | 3 | | Shahrud ........ ...... | 3 | 5 | 7 | | Garmsar ........ ...... | 2 | 2 | 3 | | Mehdishahr........ ...... | 2 | 3 | 3 | | Mayamee | 2 | 1 | 5 | | ***Sistan & Baluchestan*** .... .......... | ***41*** | ***37*** | ***103*** | | Iranshahr .......... .... | 3 | 4 | 7 | | Chabahar .......... .... | 3 | 2 | 7 | | Khash .......... .... | 3 | 2 | 11 | | Delgan ......... ..... | 2 | 1 | 5 | | Zabol ......... ..... | 3 | 5 | 9 | |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Zahedan ....... ....... | 4 | 3 | 8 | | Zahak .......... .... | 2 | 1 | 4 | | Saravan ... ........... | 3 | 5 | 8 | | Sarbaz ........ ...... | 4 | 3 | 11 | | Sibsavaran... ........... | 2 | 2 | 4 | | Konarak ...... ........ | 2 | 2 | 4 | | Mehrestan(1).... .......... | 2 | 1 | 4 | | Meyankangee(1)....... | 6 | 5 | 16 | | Neekshahr....... ...... | 2 | 1 | 5 | | ***Fars*** .......... .... | ***83*** | ***94*** | ***204*** | | Abadeh ..... ......... | 1 | 5 | 4 | | Arsanjan ...... ........ | 1 | 1 | 3 | | Estahban ..... ......... | 2 | 3 | 3 | | Eqlid ........ ...... | 3 | 4 | 9 | | Bavanat ..... ......... | 3 | 3 | 7 | | Pasargad ...... ........ | 2 | 1 | 4 | | Jahrom ......... ..... | 4 | 5 | 12 | | Kharameh....... ....... | 2 | 1 | 5 | | Khorrambid ...... ........ | 2 | 2 | 3 | | Khonj ....... ....... | 2 | 1 | 4 | | Darab ........ ...... | 4 | 4 | 12 | | Rostam........ ...... | 2 | 1 | 4 | | Zarrindasht .... .......... | 2 | 3 | 5 | | Sepidan ...... ........ | 3 | 3 | 8 | | Sarvestan..... ......... | 2 | 2 | 4 | | Shiraz ......... ..... | 3 | 6 | 12 | | Farashband .. ............ | 2 | 3 | 4 | | Fasa ........... ... | 4 | 5 | 8 | | Firuzabad ... ........... | 2 | 2 | 5 | | Qirokarzin ...... ........ | 2 | 5 | 5 | | Kazerun ........... ... | 6 | 6 | 14 | | Kavar......... ..... | 2 | 1 | 4 | | Gerash..... ......... | 2 | 1 | 4 | | Larestan ... ........... | 6 | 8 | 13 | | Lamerd ....... ....... | 3 | 4 | 7 | | Marvdasht ....... ....... | 5 | 4 | 15 | | Mamasani ...... ........ | 3 | 2 | 9 | | Mohr ....... ....... | 4 | 4 | 8 | | Neyriz ... ........... | 4 | 4 | 9 | | ***Qazvin*** ......... ..... | ***19*** | ***25*** | ***46*** | | Abyek ...... ........ | 2 | 2 | 5 | | Avaj...... | 2 | 2 | 5 | | Alborz ........ ...... | 2 | 4 | 4 | | Boyinzahra ...... ........ | 4 | 5 | 9 | | |  |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Takestan ....... ....... | 4 | 5 | 9 | | Qazvin ....... ....... | 5 | 7 | 14 | | ***Qom*** ......... ..... | ***5*** | ***6*** | ***9*** | | Qom .......... .... | 5 | 6 | 9 | | ***Kordestan*** ...... ........ | ***29*** | ***27*** | ***85*** | | Baneh .......... .... | 4 | 4 | 8 | | Bijar ............ .. | 3 | 3 | 11 | | Dehgalan.......... .... | 2 | 2 | 5 | | Divandarreh .... .......... | 3 | 2 | 8 | | Sarvabad ........ ...... | 2 | 2 | 8 | | Saqqez ........... ... | 3 | 2 | 11 | | Sanandaj ....... ....... | 4 | 2 | 12 | | Qorveh ........ ...... | 3 | 4 | 9 | | Kamyaran ....... ....... | 2 | 2 | 7 | | Marivan .......... .... | 3 | 4 | 6 | | ***Kerman*** ......... ..... | ***58*** | ***65*** | ***151*** | | Arzooeyeh.... .......... | 2 | 1 | 5 | | Anar......... ..... | 1 | 2 | 2 | | Baft ......... ..... | 2 | 2 | 6 | | Bardsir ...... ........ | 4 | 4 | 8 | | Bam ......... ..... | 2 | 2 | 4 | | Jiroft ........ ...... | 4 | 4 | 14 | | Rabar....... ....... | 2 | 1 | 4 | | Ravar ........ ...... | 2 | 2 | 3 | | Rafsanjan ........... ... | 4 | 5 | 14 | | Rudbar-e-Jonub .... .......... | 2 | 1 | 4 | | Reegan.......... .... | 2 | 1 | 4 | | Zarand ....... ....... | 2 | 4 | 11 | | Sirjan ...... ........ | 5 | 5 | 10 | | Shahr-e-Babak . ............. | 2 | 5 | 9 | | Anbarabad ........ ...... | 2 | 3 | 7 | | Faryab......... ..... | 2 | 1 | 4 | | Fahraj.......... .... | 2 | 1 | 4 | | Ghaleh-Ganj .... .......... | 2 | 1 | 5 | | Kerman ......... ..... | 6 | 13 | 16 | | Kahnuj ....... ....... | 2 | 1 | 5 | | Kohbonan .. ............ | 2 | 2 | 3 | | Manujan ...... ........ | 2 | 2 | 5 | | Narmashir ........ ...... | 2 | 2 | 4 | | ***Kermanshah*** ........ ...... | ***31*** | ***31*** | ***86*** | | Eslamabad-E-Gharb ..... ......... | 2 | 2 | 7 | | Paveh ....... ....... | 3 | 5 | 5 | | Salas-e-Babajani .... .......... | 2 | 2 | 6 | | Javanrud ......... ..... | 2 | 1 | 4 | | Dalahu ......... ..... | 2 | 3 | 5 | | Ravansar ....... ....... | 2 | 2 | 6 | |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Sar-e-pol-e-Zahab ... ........... | 2 | 1 | 6 | | Sonqor ........ ...... | 2 | 2 | 8 | | Sahneh .......... .... | 2 | 2 | 7 | | Qasr-e-Shirin .......... .... | 2 | 2 | 4 | | Kermanshah ....... ....... | 5 | 4 | 13 | | Kangavar ........ ...... | 1 | 1 | 5 | | Gilan-e-Gharb ........ ...... | 2 | 2 | 6 | | Harsin .............. | 2 | 2 | 4 | | ***Kohgiluyeh & Boyerahmad*** ... ........... | ***17*** | ***16*** | ***43*** | | Basht....... ....... | 2 | 1 | 4 | | Bahmaee ....... ....... | 2 | 1 | 4 | | Boyerahmad ..... ......... | 4 | 5 | 11 | | Cheram....... ....... | 2 | 1 | 4 | | Dena ........ ...... | 2 | 2 | 4 | | Kohgiluyeh ... ........... | 4 | 5 | 12 | | Gachsaran .......... .... | 1 | 1 | 4 | | ***Golestan*** .......... .... | ***27*** | ***26*** | ***60*** | | Azadshahr ...... ........ | 2 | 3 | 4 | | Aq Qala ........ ...... | 2 | 2 | 5 | | Bandar Gaz ..... ......... | 2 | 2 | 4 | | Torkaman ............ .. | 2 | 1 | 4 | | Ramyan .......... .... | 2 | 4 | 4 | | Aliabad ......... ..... | 2 | 2 | 4 | | Kordkuy ..... ......... | 1 | 1 | 3 | | Kalaleh ....... ....... | 2 | 1 | 5 | | Galikesh....... ....... | 2 | 1 | 4 | | Gorgan ....... ....... | 2 | 3 | 5 | | Gomishan..... ......... | 2 | 2 | 4 | | Gonbad-e-Kavus ..... ......... | 2 | 2 | 6 | | Marave-Tapeh........... ... | 2 | 1 | 4 | | Minudasht ........ ...... | 2 | 1 | 4 | | ***Gilan*** ....... ....... | ***43*** | ***51*** | ***109*** | | Astara ...... ........ | 2 | 2 | 4 | | Astane-ye-Ashrafiyeh ..... ......... | 2 | 2 | 6 | | Amlash ........ ...... | 2 | 2 | 5 | | Bandar Anzali ..... ......... | 1 | 1 | 2 | | Rasht ......... ..... | 6 | 7 | 18 | | Rezvanshahr ....... ....... | 2 | 2 | 4 | | Rudbar ........ ...... | 4 | 7 | 10 | | Rudsar ...... ........ | 4 | 5 | 10 | | Siahkal .... .......... | 2 | 2 | 5 | | Shaft ........ ...... | 2 | 2 | 4 | | Sumaehsara ... ........... | 3 | 3 | 7 | | Tavalesh ........ ...... | 4 | 5 | 10 | |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Fuman ........ ...... | 2 | 2 | 6 | | Lahijan .......... .... | 2 | 2 | 7 | | Langrud ........ ...... | 3 | 5 | 7 | | Masal ..... ......... | 2 | 2 | 4 | | ***Lorestan*** .... .......... | ***27*** | ***25*** | ***84*** | | Azna ........... ... | 2 | 2 | 4 | | Aligudarz ....... ....... | 3 | 2 | 11 | | Borujerd ......... ..... | 2 | 2 | 7 | | Poldokhtar ....... ....... | 2 | 2 | 7 | | Khorramabad .... .......... | 4 | 4 | 17 | | Delfan .......... .... | 2 | 2 | 10 | | Doreh........ ...... | 3 | 2 | 6 | | Dorud ....... ....... | 2 | 2 | 5 | | Selseleh .......... .... | 2 | 2 | 6 | | Kuhdasht ......... .... | 5 | 5 | 11 | | ***Mazandaran*** ..... ......... | ***50*** | ***56*** | ***122*** | | Amol ...... ........ | 4 | 4 | 9 | | Babol ...... ........ | 6 | 7 | 13 | | Babolsar .... .......... | 3 | 3 | 6 | | Behshahr ....... ....... | 2 | 3 | 5 | | Tonkabon ...... ........ | 3 | 4 | 7 | | Juybar ........... ... | 2 | 2 | 4 | | Chalus ....... ....... | 3 | 4 | 6 | | Ramsar ..... ......... | 1 | 2 | 4 | | Sari ........... .. | 5 | 4 | 13 | | Savadkuh ......... ..... | 2 | 4 | 6 | | Abbasabad......... ..... | 2 | 3 | 4 | | Ferydonkenar....... ....... | 2 | 1 | 4 | | Qaemshahr ......... ..... | 2 | 3 | 7 | | Galugah ........... ... | 2 | 1 | 4 | | Mahmoudabad ..... ......... | 2 | 2 | 5 | | Miandorood........ ...... | 2 | 1 | 5 | | Neka ......... ..... | 2 | 1 | 5 | | Nur ........ ...... | 3 | 5 | 9 | | Noshahr ...... ........ | 2 | 2 | 6 | | ***Markazi*** ...... ........ | ***23*** | ***32*** | ***66*** | | Ashtian ........ ...... | 1 | 1 | 3 | | Arak ...... ........ | 3 | 6 | 11 | | Tafresh ..... ......... | 1 | 1 | 4 | | Khomein .... .......... | 2 | 2 | 7 | | Khondab ......... ..... | 2 | 2 | 5 | | Delijan ........ ...... | 1 | 2 | 4 | | |  |  |  | | --- | | **1. 5. BAKHSHES, CITIES AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END** **OF THE YEAR 1390 (continued)** | | |  |  |  |  | | --- | --- | --- | --- | | Ostan and Shahrestan | Number of Bakhshes | Number of cities | Number of Dehestans | | Zarandiyeh...... ........ | 2 | 5 | 6 | | Saveh ........... ... | 2 | 3 | 7 | | Shazand ........... ... | 4 | 5 | 9 | | Farahan........... ... | 2 | 1 | 4 | | Komeijan .... .......... | 2 | 2 | 4 | | Mahallat ....... ....... | 1 | 2 | 2 | | ***Hormozgan*** ....... ....... | ***38*** | ***34*** | ***85*** | | Abumusa ......... ..... | 2 | 1 | 2 | | Bastak ...... ........ | 3 | 2 | 7 | | Bashagerd......... ..... | 3 | 2 | 6 | | Bandar Abbas ....... ....... | 4 | 4 | 11 | | Bandar Lengeh ...... ........ | 4 | 4 | 8 | | parsiyan .......... .... | 2 | 3 | 4 | | Jask .......... .... | 2 | 1 | 5 | | Hajiabad ....... ....... | 3 | 3 | 6 | | Khamir ........ ...... | 2 | 2 | 4 | | Rudan ...... ........ | 4 | 3 | 10 | | Sireek.......... .... | 2 | 2 | 4 | | Qeshm .......... .... | 3 | 4 | 7 | | Minab ......... ..... | 4 | 3 | 11 | | ***Hamedan*** ..... ......... | ***25*** | ***29*** | ***73*** | | Asadabad ........ ...... | 2 | 2 | 6 | | Bahar ........ ...... | 3 | 4 | 6 | | Tuyserkan ..... ......... | 2 | 3 | 7 | | Razan ....... ....... | 3 | 3 | 7 | | Famenin.... .......... | 2 | 1 | 4 | | Kabudarahang ..... ......... | 3 | 3 | 10 | | Malayer ........ ...... | 4 | 5 | 15 | | Nahavand ...... ........ | 4 | 4 | 9 | | Hamedan ...... ........ | 2 | 4 | 9 | | ***Yazd*** ....... ....... | ***22*** | ***24*** | ***51*** | | Abarkuh .... .......... | 2 | 2 | 4 | | Ardakan ...... ........ | 3 | 3 | 5 | | Bafgh ......... ..... | 1 | 1 | 3 | | Behabad..... ........ | 2 | 1 | 3 | | Taft ....... ....... | 3 | 2 | 10 | | Khatam ...... ........ | 2 | 2 | 4 | | Sadugh ........ ...... | 2 | 3 | 3 | | Tabas ........ ...... | 3 | 3 | 8 | | Mehriz ....... ....... | 1 | 1 | 5 | | Meybod ..... ......... | 1 | 2 | 2 | | Yazd ....... ....... | 2 | 4 | 4 |   *1. Zaboli Shahrastan was renamed “ Mehrestan” and Hirmand as “ Meyankangee”.* | | *Source: Ministry of the Interior.* |  |  | | --- | | **1. 6. METEOROLOGICAL DATA FROM SYNOPTIC STATIONS IN CAPITALS OF** **OSTANS FROM THE YEAR OF ESTABLISHMENT TO THE MONTH OF DEY IN**  **THE YEAR 1382** | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Station characteristics | | Air temperature (°c) | | | | | | Year of establishment | Altitude (m) | Average max | Average min | Absolute max | Absolute min | Mean | | Arak | 1334 | 1708 | 0 .27 | 9 .6 | 44 | 5 .30- | 8 .13 | | Ardebil | 1355 | 1314 | 2 .15 | 7 .2 | 8 .39 | 8 .33- | 0 .9 | | Orumiyeh | 1330 | 1313 | 6 .17 | 5 .5 | 38 | 8 .22- | 5 .11 | | Esfahan | 1330 | 1600 | 4 .23 | 0 .9 | 43 | 4 .19- | 2 .16 | | Ahvaz | 1330 | 23 | 9 .32 | 6 .17 | 54 | 0 .7- | 3 .25 | | Ilam | 1365 | 1363 | 2 .22 | 6 .11 | 6 .40 | 6 .12- | 9 .16 | | Bojnurd | 1356 | 1091 | 7 .19 | 8 .6 | 3 .42 | 0 .25- | 3 .13 | | Bandar Abbas | 1336 | 10 | 1 .32 | 8 .21 | 0 .51 | 0 .2 | 0 .27 | | Bushehr | 1330 | 20 | 7 .29 | 5 .19 | 0 .50 | 0 .1- | 6 .24 | | Birjand | 1334 | 1491 | 5 .24 | 4 .8 | 0 .44 | 5 .21- | 5 .16 | | Tabriz | 1330 | 1361 | 0 .18 | 8 .6 | 0 .42 | 0 .25- | 4 .12 | | Tehran | 1330 | 1190 | 6 .22 | 8 .11 | 0 .43 | 0 .15- | 2 .17 | | Khorramabad | 1330 | 1125 | 2 .25 | 1 .9 | 0 .47 | 6 .14- | 2 .17 | | Rasht | 1335 | 7- | 5 .20 | 2 .11 | 0 .40 | 0 .19- | 9 .15 | | Zahedan | 1330 | 1370 | 7 .26 | 1 .10 | 0 .43 | 0 .22- | 4 .18 | | Zanjan | 1334 | 1663 | 0 .18 | 0 .4 | 0 .43 | 0 .30- | 0 .11 | | Sari | 1379 | 23 | 1 .22 | 5 .13 | 8 .39 | 8 .3- | 7 .17 | | Semnan | 1340 | 1171 | 7 .23 | 4 .12 | 0 .44 | 0 .11- | 1 .18 | | Sanandaj | 1338 | 1373 | 4 .21 | 4 .5 | 0 .44 | 0 .31- | 4 .13 | | Shahr-e-Kord | 1334 | 1991 | 2 .20 | 5 .3 | 0 .42 | 0 .32- | 8 .11 | | Shiraz | 1330 | 1488 | 6 .25 | 8 .9 | 2 .43 | 0 .14- | 7 .17 | | Qazvin | 1338 | 1278 | 2 .21 | 8 .6 | 0 .43 | 0 .24- | 0 .14 | | Qom | 1365 | 877 | 8 .25 | 0 .10 | 0 .46 | 6 .12- | 9 .17 | | Kerman | 1330 | 1754 | 7 .24 | 9 .6 | 0 .42 | 0 .30- | 8 .15 | | Kermanshah | 1330 | 1322 | 6 .22 | 8 .5 | 1 .44 | 0 .27- | 2 .14 | | Gorgan | 1331 | 13 | 7 .22 | 7 .12 | 0 .45 | 0 .10- | 7 .17 | | Mashhad | 1330 | 990 | 1 .21 | 0 .7 | 8 .43 | 0 .28- | 1 .14 | | Hamedan | 1355 | 1749 | 1 .19 | 3 .3 | 0 .40 | 8 .32- | 2 .11 | | Yasuj | 1366 | 1880 | 3 .22 | 1 .8 | 4 .40 | 8 .19- | 2 .15 | | Yazd | 1331 | 1230 | 5 .26 | 7 .11 | 6 .45 | 0 .16- | 1 .19 | |  |  | | --- | | **1. 6. METEOROLOGICAL DATA FROM SYNOPTIC STATIONS IN CAPITALS OF**  **OSTANS FROM THE YEAR OF ESTABLISHMENT TO THE MONTH OF DEY IN THE** **YEAR 1382 (continued)** | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Average annual precipitation (mm) | Max. daily precipitation (mm) | Mean of relative humidity (%) | | Average number of frosty days | | 6:30 | 12:30 | | Arak | 342 | 80 | 60 | 38 | 91 | | Ardebil | 303 | 63 | 85 | 58 | 131 | | Orumiyeh | 345 | 79 | 74 | 49 | 110 | | Esfahan | 121 | 48 | 55 | 30 | 74 | | Ahvaz | 213 | 107 | 62 | 34 | 1 | | Ilam | 624 | 103 | 47 | 31 | 34 | | Bojnurd | 269 | 54 | 76 | 46 | 93 | | Bandar Abbas | 186 | 211 | 80 | 53 | 0 | | Bushehr | 277 | 150 | 77 | 51 | // | | Birjand | 171 | 52 | 49 | 25 | 76 | | Tabriz | 290 | 63 | 67 | 44 | 102 | | Tehran | 231 | 50 | 51 | 33 | 48 | | Khorramabad | 510 | 71 | 63 | 35 | 48 | | Rasht | 1354 | 170 | 94 | 72 | 26 | | Zahedan | 91 | 62 | 46 | 22 | 54 | | Zanjan | 314 | 51 | 71 | 43 | 121 | | Sari | 743 | 60 | 86 | 62 | 6 | | Semnan | 139 | 41 | 51 | 34 | 46 | | Sanandaj | 462 | 73 | 69 | 37 | 106 | | Shahr-e-Kord | 318 | 76 | 64 | 35 | 124 | | Shiraz | 341 | 128 | 57 | 29 | 46 | | Qazvin | 317 | 47 | 69 | 38 | 90 | | Qom | 150 | 40 | 58 | 29 | 65 | | Kerman | 154 | 60 | 49 | 24 | 89 | | Kermanshah | 447 | 108 | 64 | 37 | 94 | | Gorgan | 600 | 105 | 79 | 58 | 14 | | Mashhad | 255 | 52 | 69 | 42 | 91 | | Hamedan | 317 | 56 | 74 | 43 | 125 | | Yasuj | 841 | 120 | 61 | 32 | 63 | | Yazd | 62 | 48 | 44 | 24 | 52 |   *Source: I. R. I. Meteorological Organization.* | |  | |  |  |  | | --- | |  | | **1. 7. CLIMATIC CONDITIONS OF CAPITALS OF OSTANS, THE YEAR 1390** | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Air temperature (°c) | | | | | Annual precipitation (mm) | | Average max | Average min | Absolute min | Absolute max | Mean | | Arak ....... ....... | 21.1 | 7 | -12 | 39.8 | 14.1 | 199.2 | | Ardebil ....... ....... | 15.4 | 3.2 | -23 | 39.2 | 9.3 | 258.8 | | Orumiyeh .... .......... | 16.4 | 3.8 | -15.6 | 38.2 | 10.5 | 333.7 | | Esfahan ....... ...... | 23.9 | 9.7 | -9.2 | 40.8 | 16.8 | 149.7 | | Ahvaz .... .......... | 33.2 | 19 | -1.2 | 51.6 | 26 | 89.3 | | Ilam ....... ....... | 22.7 | 9 | -11.8 | 42 | 15.8 | 361.4 | | Bojnurd ........ ...... | 19 | 6.5 | -16.4 | 39 | 12.8 | 208.6 | | Bandar Abbas ... ........... | 32.4 | 21.9 | 4.6 | 45 | 27.1 | 57.82 | | Bushehr ...... ........ | 28.7 | 21.6 | 3 | 43 | 25.2 | 123.7 | | Birjand ....... ....... | 24.5 | 8.1 | -13 | 39.8 | 16.3 | 95.1 | | Tabriz ....... ....... | 19.3 | 7.6 | -13.2 | 41 | 12.3 | 272.3 | | Tehran .... .......... | 21.3 | 13.7 | -6 | 42.2 | 17.4 | 316.32 | | Khorramabad .... .......... | 24.8 | 8.6 | -8.4 | 44.4 | 16.2 | 286.2 | | Rasht ........ ...... | 18.8 | 12.3 | -3.6 | 37.2 | 15.6 | 1636.9 | | Zahedan ..... ......... | 27.4 | 11.1 | -11.6 | 40.5 | 19.2 | 46.71 | | Zanjan ...... ........ | 17.7 | 4.3 | -23.4 | 38 | 10.9 | 365.8 | | Sari ...... ........ | 21.7 | 12.5 | -3.4 | 39.3 | 17.1 | 919.2 | | Semnan ...... ........ | 23.5 | 12.8 | -6.2 | 43.2 | 18.2 | 176.4 | | Sanandaj ...... ........ | 21 | 6.2 | -11.8 | 42.7 | 13.6 | 372.7 | | Shahr-e-Kord ..... ......... | 19.9 | 1.8 | -17.6 | 38.2 | 11.1 | 240.2 | | Shiraz ........ ...... | 26.3 | 9.7 | -8.1 | 40.8 | 18.3 | 273.6 | | Qazvin ... ........... | 20.8 | 6.5 | -10.9 | 41.6 | 13.7 | 423.6 | | Qom ......... ..... | 25.9 | 10.5 | -8 | 46 | 18.2 | 123.4 | | Karaj......... | 20.4 | 9.3 | -8.8 | 39.6 | 14.8 | 351.1 | | Kerman ... ........... | 25.6 | 7.8 | -10.8 | 39.2 | 16.7 | 108.3 | | Kermanshah .............. | 23.3 | 6.5 | -11.2 | 43.6 | 15.1 | 415.1 | | Gorgan ....... ....... | 22.3 | 11.6 | -3.2 | 41.6 | 16.9 | 723.5 | | Mashhad ....... ....... | 21.9 | 8.8 | -12.8 | 41.2 | 15.4 | 254.4 | | Hamedan ...... ........ | 19.7 | 3.5 | -19 | 39.2 | 12.1 | 312.5 | | Yasuj ....... ....... | 22.9 | 7 | -9.6 | 38 | 14.9 | 660.6 | | Yazd ....... ....... | 27.3 | 13.4 | -6 | 44.5 | 20.3 | 21.52 | | |  |  | | --- | | **1. 7. CLIMATIC CONDITIONS OF CAPITALS OF OSTANS, THE YEAR 1390 (continued)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Max. daily precipitation (mm) | Mean of relative humidity (%) | | Number of frosty days | Bright sunshine (hours) | Max. speed of wind (mps) | | 6:30 | 12:30 | | Arak ...... ........ | 28.2 | 60 | 27 | 102 | 3061.8 | 16 | | Ardebil ........ ...... | 21.7 | 90 | 50 | 126 | 2543.3 | 22 | | Orumiyeh ..... ......... | 30.6 | 84 | 38 | 131 | 2682.3 | 15 | | Esfahan ....... ....... | 38.8 | 51 | 18 | 84 | 3386.3 | 20 | | Ahvaz ........ ...... | 17.9 | 58 | 22 | 1 | 3188.3 | 21 | | Ilam ........ ...... | 41.2 | 55 | 23 | 74 | 3165.3 | 25 | | Bojnurd ........ ...... | 11.5 | 83 | 43 | 109 | 2775.6 | 23 | | Bandar Abbas ...... ........ | 31.7 | 78 | 40 | 0 | 2985.7 | 18 | | Bushehr ......... ..... | 20.9 | 78 | 46 | 0 | 3134.4 | 20 | | Birjand ...... ........ | 14.7 | 47 | 15 | 80 | 3503.7 | 16 | | Tabriz ...... ........ | 21.1 | 71 | 33 | 92 | 2826.6 | 19 | | Tehran ..... ......... | 49.2 | 52 | 25 | 39 | 2938.1 | 32 | | Khorramabad ..... ......... | 26 | 62 | 21 | 86 | 3133.9 | 15 | | Rasht ...... ........ | 88.2 | 97 | 65 | 29 | 1665.7 | 19 | | Zahedan .......... .... | 9.9 | 38 | 12 | 65 | 3370 | 32 | | Zanjan .... ......... | 37.2 | 79 | 34 | 133 | 2865.4 | 16 | | Sari ........ ...... | 52.6 | 94 | 62 | 19 | 1778.8 | 23 | | Semnan ..... ......... | 44.5 | 57 | 26 | 78 | 3058.5 | 25 | | Sanandaj ......... ..... | 34.6 | 72 | 25 | 109 | 3105.6 | 14 | | Shahr-e-Kord ..... ......... | 30.8 | 63 | 21 | 132 | 3303.9 | 24 | | Shiraz ..... ......... | 41.5 | 59 | 17 | 80 | 3361.7 | 15 | | Qazvin ....... ....... | 31.6 | 79 | 33 | 111 | 3022.5 | 30 | | Qom ......... ..... | 13.8 | 66 | 29 | 58 | 3119.1 | 26 | | Karaj......... | 33.9 | 70 | 31 | 51 | 2949 | 25 | | Kerman ......... ..... | 14.5 | 50 | 16 | 90 | 3448 | 30 | | Kermanshah ....... ....... | 46.6 | 63 | 22 | 90 | 2887.1 | 13 | | Gorgan ......... ..... | 67.4 | 95 | 57 | 37 | 2174.6 | 23 | | Mashhad ........ ...... | 17 | 65 | 29 | 94 | 2935.8 | 17 | | Hamedan ......... ..... | 31.2 | 69 | 25 | 123 | 3236.6 | 25 | | Yasuj .......... .... | 78.8 | 62 | 19 | 126 | 3335.1 | 16 | | Yazd .......... .... | 9 | 38 | 15 | 43 | 3428.5 | 27 | | | *Source: I. R I.. Meteorological Organization.* |  |  | | --- | |  |  |  | | --- | |  |  |  | | --- | | **1. 8. ABSOLUTE MAXIMUM TEMPERATURE IN CAPITALS OF OSTANS BY MONTH, THE**  **YEAR 1390** **(°c)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Farvardin | Ordibehesht | Khordad | Tir | Mordad | Shahrivar | | Arak ..... ......... | 4 .24 | 4 .31 | 2 .38 | 8 .39 | 2 .38 | 2 .38 | | Ardebil......... ..... | 6 .24 | 0 .27 | 6 .29 | 8 .34 | 2 .39 | 6 .32 | | Orumiyeh ........ ...... | 9 .24 | 3 .26 | 1 .32 | 0 .38 | 2 .38 | 4 .31 | | Esfahan........ ...... | 4 .26 | 0 .35 | 6 .38 | 8 .40 | 8 .39 | 6 .38 | | Ahvaz ......... ..... | 4 .38 | 0 .44 | 8 .48 | 6 .51 | 6 .51 | 8 .46 | | Ilam......... ..... | 6 .27 | 0 .31 | 6 .38 | 6 .41 | 0 .42 | 0 .36 | | Bojnurd .. ............ | 0 .29 | 4 .33 | 6 .38 | 6 .38 | 0 .39 | 8 .34 | | Bandar Abbas ... ........... | 4 .37 | 0 .44 | 8 .44 | 0 .45 | 2 .43 | 5 .42 | | Bushehr ... ........... | 2 .33 | 6 .41 | 0 .39 | 0 .42 | 0 .43 | 4 .38 | | Birjand ...... ........ | 4 .28 | 0 .37 | 8 .39 | 2 .39 | 4 .38 | 2 .38 | | Tabriz .. ............ | 8 .23 | 8 .26 | 8 .33 | 0 .41 | 0 .40 | 8 .34 | | Tehran ..... ......... | 4 .27 | 8 .32 | 6 .39 | 2 .42 | 6 .40 | 4 .38 | | Khorramabad .... .......... | 6 .28 | 0 .34 | 4 .41 | 4 .44 | 0 .44 | 0 .39 | | Rasht ....... ....... | 4 .35 | 8 .30 | 4 .31 | 2 .34 | 2 .37 | 0 .32 | | Zahedan ... ........... | 6 .29 | 5 .38 | 5 .40 | 5 .39 | 5 .39 | 4 .38 | | Zanjan ....... ....... | 6 .23 | 8 .25 | 0 .34 | 4 .37 | 0 .38 | 2 .33 | | Sari..... ......... | 4 .29 | 4 .32 | 8 .34 | 2 .36 | 3 .39 | 6 .31 | | Semnan .... .......... | 0 .30 | 0 .36 | 4 .40 | 2 .43 | 4 .41 | 8 .39 | | Sanandaj ...... ........ | 4 .26 | 0 .28 | 6 .38 | 7 .42 | 8 .41 | 8 .37 | | Shahr-e-Kord ...... ........ | 2 .23 | 0 .30 | 8 .35 | 2 .38 | 4 .36 | 4 .34 | | Shiraz .... .......... | 8 .27 | 2 .37 | 8 .40 | 6 .40 | 8 .39 | 2 .39 | | Qazvin .. ............ | 7 .25 | 6 .29 | 6 .38 | 6 .41 | 0 .40 | 6 .34 | | Qom ........ ...... | 0 .32 | 0 .38 | 0 .44 | 0 .46 | 4 .44 | 1 .41 | | Karaj......... | 4 .28 | 8 .31 | 6 .37 | 4 .38 | 6 .39 | 6 .34 | | Kerman ........ ...... | 6 .27 | 4 .35 | 4 .38 | 2 .39 | 2 .38 | 8 .37 | | Kermanshah ..... ......... | 0 .27 | 3 .30 | 3 .40 | 6 .43 | 2 .43 | 9 .38 | | Gorgan ... ........... | 6 .37 | 4 .31 | 0 .36 | 2 .39 | 6 .41 | 8 .32 | | Mashhad .. ............ | 3 .32 | 2 .38 | 5 .39 | 3 .40 | 2 .41 | 1 .37 | | Hamedan ..... ......... | 0 .24 | 7 .27 | 3 .36 | 3 .35 | 2 .39 | 0 .35 | | Yasuj ..... ......... | 0 .25 | 6 .32 | 4 .37 | 0 .38 | 6 .37 | 6 .35 | | Yazd ...... ........ | 4 .32 | 2 .39 | 0 .43 | 5 .44 | 4 .43 | 2 .42 | | | **8. ABSOLUTE MAXIMUM TEMPERATURE IN CAPITALS OF OSTANS BY MONTH,, THE YEAR 1390** **(continued) (°c)**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Mehr | Aban | Azar | Dey | Bahman | Esfand | | Arak ......... ..... | 6 .30 | 2 .21 | 2 .15 | 0 .16 | 4 .13 | 6 .19 | | Ardebil......... ..... | 8 .28 | 8 .16 | 4 .10 | 4 .12 | 8 .8 | 0 .15 | | Orumiyeh .... .......... | 9 .27 | 8 .18 | 6 .10 | 12 | 4 .10 | 4 .15- | | Esfahan....... ....... | 8 .32 | 2 .24 | 2 .16 | 2 .17 | 4 .17 | 8 .22 | | Ahvaz ..... ......... | 2 .43 | 0 .35 | 2 .24 | 6 .23 | 6 .23 | 6 .28 | | Ilam....... ....... | 2 .31 | 6 .23 | 0 .20 | 4 .17 | 8 .14 | 0 .22 | | Bojnurd ....... ....... | 6 .32 | 6 .20 | 4 .10 | 0 .13 | 8 .12 | 4 .21 | | Bandar Abbas .... .......... | 5 .38 | 9 .35 | 9 .28 | 3 .26 | 3 .26 | 0 .31 | | Bushehr ........ ...... | 8 .37 | 4 .31 | 4 .23 | 0 .26 | 0 .23 | 0 .25 | | Birjand ..... ........ | 7 .33 | 6 .26 | 2 .22 | 0 .19 | 7 .15 | 0 .27 | | Tabriz ....... ....... | 6 .28 | 0 .20 | 8 .9 | 4 .11 | 6 .10 | 2 .15 | | Tehran ..... ......... | 2 .32 | 2 .21 | 0 .13 | 4 .14 | 6 .12 | 8 .17 | | Khorramabad ...... ........ | 0 .34 | 0 .25 | 8 .17 | 8 .17 | 0 .17 | 8 .23 | | Rasht ...... ........ | 2 .37 | 4 .22 | 2 .22 | 4 .25 | 6 .14 | 2 .26 | | Zahedan ..... ......... | 2 .36 | 7 .27 | 7 .25 | 0 .24 | 9 .22 | 2 .30 | | Zanjan ........ ...... | 8 .27 | 6 .18 | 0 .13 | 4 .13 | 2 .10 | 2 .14 | | Sari....... ....... | 8 .37 | 0 .22 | 8 .15 | 6 .22 | 2 .18 | 6 .27 | | Semnan ..... ......... | 8 .33 | 4 .22 | 0 .14 | 6 .13 | 0 .15 | 6 .21 | | Sanandaj ......... ..... | 0 .31 | 2 .23 | 6 .13 | 8 .14 | 4 .13 | 6 .19 | | Shahr-e-Kord ....... ....... | 0 .28 | 8 .21 | 2 .14 | 6 .14 | 2 .11 | 8 .17 | | Shiraz ...... ........ | 0 .34 | 0 .27 | 6 .17 | 4 .19 | 0 .18 | 0 .26 | | Qazvin ...... ........ | 6 .31 | 4 .20 | 6 .12 | 4 .13 | 6 .12 | 0 .19 | | Qom ........ ...... | 3 .37 | 8 .23 | 7 .16 | 0 .26 | 4 .15 | 6 .25 | | Karaj...... | 0 .31 | 8 .21 | 8 .11 | 2 .13 | 4 .11 | 4 .18 | | Kerman ...... ........ | 0 .33 | 0 .28 | 0 .22 | 0 .22 | 0 .19 | 0 .28 | | Kermanshah ... ........... | 4 .32 | 6 .24 | 3 .16 | 8 .15 | 9 .14 | 0 .22 | | Gorgan ...... ........ | 0 .38 | 4 .21 | 4 .17 | 6 .18 | 4 .18 | 0 .26 | | Mashhad . ............. | 7 .35 | 9 .22 | 0 .15 | 1 .17 | 6 .15 | 2 .23 | | Hamedan .... ......... | 0 .29 | 0 .20 | 7 .12 | 0 .14 | 0 .11 | 6 .18 | | Yasuj ...... ........ | 8 .31 | 6 .23 | 5 .17 | 5 .17 | 5 .13 | 4 .20 | | Yazd ..... ......... | 4 .36 | 6 .29 | 0 .19 | 4 .23 | 0 .21 | 4 .29 | | | *Source: I. R. I. Meteorological Organization.* |  |  | | --- | | **1. 9. ABSOLUTE MINIMUM TEMPERATURE IN CAPITALS OF OSTANS BY MONTH, THE**  **YEAR 1390**  **(°c)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Farvardin | Ordibehesht | Khordad | Tir | Mordad | Shahrivar | | Arak....... ....... | 4 .2- | 8 .5 | 8 .5 | 2 .16 | 6 .16 | 8 .10 | | Ardebil........ ...... | 6 .3- | 2 .0 | 2 .4 | 0 .3 | 6 .6 | 4 .2 | | Orumiyeh .. ............ | 1 .3- | 9 .1 | 2 .7 | 1 .13 | 1 .9 | 6 .6 | | Esfahan......... ..... | 4 .1 | 4 .9 | 2 .15 | 4 .18 | 4 .18 | 4 .12 | | Ahvaz ........ ...... | 0 .12 | 8 .18 | 4 .21 | 6 .27 | 0 .26 | 6 .20 | | Ilam........ ...... | 0 .1 | 0 .5 | 6 .10 | 0 .16 | 0 .17 | 4 .12 | | Bojnurd ...... ........ | 0 .1 | 8 .5 | 2 .12 | 4 .11 | 2 .15 | 8 .8 | | Bandar Abbas .. ............ | 6 .17 | 4 .20 | 8 .25 | 0 .28 | 3 .28 | 1 .26 | | Bushehr ....... ....... | 0 .14 | 0 .21 | 6 .25 | 0 .27 | 6 .29 | 2 .27 | | Birjand ...... ........ | 8 .1 | 4 .7 | 8 .12 | 8 .12 | 8 .12 | 7 .7 | | Tabriz ....... ....... | 2 .1- | 0 .4 | 4 .8 | 0 .15 | 0 .17 | 2 .10 | | Tehran .... .......... | 0 .5 | 0 .11 | 0 .14 | 0 .19 | 6 .22 | 6 .13 | | Khorramabad ..... ......... | 6 .1 | 4 .6 | 0 .10 | 0 .15 | 8 .15 | 4 .9 | | Rasht ....... ....... | 8 .3 | 8 .8 | 4 .14 | 8 .15 | 2 .19 | 0 .14 | | Zahedan ... ........... | 9 .5 | 3 .10 | 0 .14 | 1 .16 | 9 .16 | 3 .11 | | Zanjan ....... ....... | 8 .4- | 2 .1 | 8 .5 | 2 .10 | 8 .11 | 4 .6 | | Sari ..... ......... | 6 .4 | 8 .8 | 1 .16 | 0 .19 | 8 .21 | 0 .15 | | Semnan ...... ........ | 8 .3 | 8 .10 | 4 .17 | 4 .21 | 2 .22 | 4 .12 | | Sanandaj ..... ......... | 0 .2- | 2 .4 | 2 .7 | 8 .9 | 3 .12 | 4 .8 | | Shahr-e-Kord ..... ......... | 0 .7- | 4 .1- | 0 .1 | 6 .8 | 4 .7 | 0 .3 | | Shiraz ..... ......... | 6 .0 | 4 .7 | 2 .11 | 0 .17 | 7 .17 | 4 .17 | | Qazvin ... ........... | 2 .1- | 0 .4 | 6 .8 | 0 .12 | 2 .15 | 2 .10 | | Qom ... ........... | 0 .3 | 0 .10 | 0 .17 | 0 .21 | 8 .18 | 8 .11 | | Karaj... | 2 .2 | 0 .8 | 6 .10 | 8 .12 | 2 .16 | 0 .10 | | Kerman ..... ......... | 0 .2 | 4 .9 | 4 .13 | 6 .11 | 6 .13 | 2 .8 | | Kermanshah .... .......... | 8 .0- | 8 .4 | 2 .7 | 2 .13 | 4 .14 | 2 .10 | | Gorgan .... .......... | 5 .2 | 8 .5 | 0 .15 | 4 .19 | 8 .21 | 2 .14 | | Mashhad ...... ........ | 4 .2 | 8 .11 | 2 .16 | 4 .16 | 1 .18 | 1 .11 | | Hamedan ... ........... | 9 .4- | 2 .2 | 1 .5 | 2 .14 | 1 .11 | 2 .7 | | Yasuj .... .......... | 0 .0 | 0 .6 | 0 .9 | 2 .14 | 6 .15 | 6 .10 | | Yazd ...... ........ | 2 .6 | 6 .15 | 8 .19 | 6 .21 | 6 .21 | 8 .15 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **1. 9. ABSOLUTE MINIMUM TEMPERATURE IN CAPITALS OF OSTANS BY MONTH, THE**  **YEAR 1390** **(continued) (°c)**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Mehr | Aban | Azar | Dey | Bahman | Esfand | | Arak....... ....... | 6 .0 | 0 .6- | 2 .8- | 0 .10- | 0 .12- | 2 .10- | | Ardebil......... ..... | 6 .1- | 0 .17- | 4 .14- | 4 .14- | 0 .23- | 4 .18- | | Orumiyeh ... ........... | 9 .1- | 5 .8- | 4 .9- | 4 .9- | 6 .15- | 0 .13- | | Esfahan.... .......... | 8 .4 | 6 .2- | 0 .5- | 6 .7- | 2 .9- | 2 .6- | | Ahvaz ..... ......... | 0 .13 | 8 .6 | 2 .3 | 0 .3 | 2 .1- | 6 .4 | | Ilam....... ....... | 4 .2 | 6 .2- | 0 .5- | 8 .4- | 8 .11- | 4 .7- | | Bojnurd ... ........... | 0 .2 | 4 .3- | 2 .9- | 4 .16- | 2 .16- | 2 .15 | | Bandar Abbas .. ............ | 3 .19 | 5 .14 | 2 .6 | 6 .4 | 1 .5 | 7 .9 | | Bushehr ...... ........ | 4 .17 | 4 .12 | 8 .9 | 8 .9 | 0 .3 | 6 .8 | | Birjand .. ............ | 4 .3 | 2 .2- | 0 .13- | 8 .12- | 6 .10- | 2 .7- | | Tabriz .. ............ | 0 .1 | 6 .7- | 8 .8- | 2 .7- | 2 .13- | 4 .12- | | Tehran ..... ......... | 4 .6 | 2 .1- | 0 .2- | 4 .2- | 0 .6- | 6 .4- | | Khorramabad .... .......... | 0 .2 | 0 .0 | 0 .6- | 8 .7- | 4 .8- | 2 .6- | | Rasht ......... ..... | 6 .10 | 2 .2 | 4 .0- | 2 .1- | 4 .2- | 6 .3- | | Zahedan .... .......... | 2 .7 | 0 .3 | 6 .11- | 4 .11- | 7 .10- | 3 .8- | | Zanjan ... ........... | 2 .2- | 4 .8- | 2 .11- | 0 .12- | 4 .23- | 0 .14- | | Sari ........ ...... | 0 .11 | 0 .0 | 0 .1- | 0 .1- | 4 .3- | 6 .1- | | Semnan ..... ......... | 6 .7 | 4 .0- | 0 .3- | 0 .5- | 2 .6- | 6 .5- | | Sanandaj ...... ........ | 2 .0 | 9 .3- | 1 .9- | 0 .9- | 6 .11- | 8 .11- | | Shahr-e-Kord ..... ......... | 6 .4- | 4 .8- | 2 .12- | 0 .15- | 6 .17- | 2 .16- | | Shiraz ...... ........ | 0 .3 | 2 .2- | 4 .3- | 6 .4- | 1 .8- | 0 .4- | | Qazvin ..... ......... | 2 .3 | 4 .5- | 6 .6- | 6 .8- | 9 .10- | 6 .9- | | Qom ....... ....... | 2 .6 | 0 .1- | 6 .4- | 7 .7- | 0 .8- | 7 .7- | | Karaj………………… | 9 .3 | 6 .6 | 2 .4- | 2 .5- | 8 .8- | 0 .7- | | Kerman ...... ........ | 8 .3 | 4 .3- | 0 .10- | 4 .10- | 8 .10- | 0 .8- | | Kermanshah ..... ......... | 5 .2 | 9 .1- | 8 .7- | 0 .9- | 2 .11- | 2 .11- | | Gorgan ........ ...... | 0 .9 | 0 .1- | 6 .2- | 4 .2- | 2 .3- | 8 .1- | | Mashhad ...... ........ | 2 .7 | 0 .5- | 9 .9- | 8 .12- | 1 .10- | 6 .10- | | Hamedan ...... ........ | 4 .4- | 4 .4- | 6 .9- | 0 .11- | 0 .19- | 5 .12- | | Yasuj ........ ...... | 4 .1 | 0 .4- | 6 .5- | 0 .6- | 6 .9- | 8 .6- | | Yazd ........... ... | 2 .9 | 2 .0 | 2 .2- | 0 .4- | 0 .6- | 0 .6- | |   *Source: I. R. I. Meteorological Organization.*   |  | | --- | | **1. 10. MONTHLY AVERAGE TEMPERATURE IN CAPITALS OF OSTANS, THE YEAR 1390**  **(°c)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Farvardin | Ordibehesht | Khordad | Tir | Mordad | Shahrivar | | Arak ......... ..... | 8 .11 | 0 .17 | 7 .23 | 9 .27 | 0 .28 | 0 .23 | | Ardebil.... .......... | 6 .9 | 9 .12 | 1 .17 | 5 .19 | 3 .20 | 5 .15 | | Orumiyeh .... .......... | 4 .10 | 5 .13 | 3 .19 | 8 .23 | 2 .24 | 8 .18 | | Esfahan..... ......... | 0 .15 | 3 .21 | 4 .27 | 2 .30 | 6 .29 | 8 .24 | | Ahvaz ....... ....... | 5 .24 | 0 .31 | 6 .36 | 0 .38 | 1 .39 | 9 .34 | | Ilam..... ......... | 1 .13 | 5 .17 | 6 .24 | 0 .28 | 4 .29 | 2 .25 | | Bojnurd ...... ........ | 8 .12 | 5 .18 | 9 .22 | 0 .25 | 6 .26 | 3 .21 | | Bandar Abbas ...... ........ | 3 .26 | 7 .30 | 9 .33 | 3 .34 | 3 .34 | 2 .33 | | Bushehr ....... ....... | 8 .22 | 9 .29 | 7 .31 | 7 .32 | 6 .34 | 7 .32 | | Birjand ... ........... | 4 .15 | 8 .23 | 5 .27 | 3 .27 | 2 .27 | 5 .22 | | Tabriz ...... ........ | 2 .11 | 8 .14 | 0 .22 | 1 .27 | 0 .28 | 9 .22 | | Tehran ........ ...... | 5 .16 | 0 .22 | 4 .28 | 5 .31 | 8 .31 | 9 .25 | | Khorramabad ... ........... | 4 .13 | 2 .20 | 4 .25 | 0 .28 | 0 .30 | 3 .25 | | Rasht ....... ....... | 1 .14 | 6 .17 | 7 .23 | 2 .26 | 5 .26 | 1 .22 | | Zahedan ... ........... | 3 .19 | 9 .25 | 9 .28 | 6 .28 | 6 .28 | 0 .25 | | Zanjan ....... ....... | 1 .10 | 0 .14 | 6 .19 | 8 .23 | 0 .24 | 5 .19 | | Sari ........ ...... | 3 .15 | 6 .18 | 2 .25 | 9 .27 | 5 .29 | 7 .24 | | Semnan ...... ........ | 0 .17 | 8 .23 | 5 .32 | 8 .32 | 0 .33 | 9 .26 | | Sanandaj ........ ...... | 8 .11 | 3 .15 | 4 .22 | 0 .27 | 9 .27 | 6 .23 | | Shahr-e-Kord .... .......... | 0 .9 | 3 .14 | 8 .18 | 1 .23 | 9 .22 | 6 .18 | | Shiraz ....... ....... | 5 .15 | 1 .22 | 3 .27 | 3 .29 | 4 .29 | 9 .25 | | Qazvin ....... ....... | 5 .12 | 5 .16 | 1 .23 | 0 .27 | 2 .27 | 1 .22 | | Qom ..... ......... | 1 .17 | 0 .23 | 7 .29 | 1 .33 | 3 .33 | 3 .26 | | Karaj..... | 2 .14 | 6 .18 | 1 .25 | 8 .27 | 6 .28 | 1 .23 | | Kerman ..... ......... | 4 .15 | 9 .21 | 7 .26 | 6 .27 | 3 .26 | 1 .23 | | Kermanshah .... .......... | 8 .12 | 5 .16 | 5 .24 | 8 .28 | 8 .29 | 0 .25 | | Gorgan ....... ....... | 5 .14 | 0 .19 | 5 .25 | 4 .28 | 2 .30 | 2 .25 | | Mashhad ........ ...... | 8 .14 | 7 .22 | 9 .26 | 4 .28 | 2 .29 | 2 .23 | | Hamedan ....... ....... | 8 .9 | 1 .14 | 0 .20 | 0 .27 | 5 .27 | 9 .21 | | Yasuj ......... ..... | 0 .12 | 2 .18 | 4 .23 | 5 .26 | 6 .26 | 9 .22 | | Yazd .... .......... | 3 .19 | 4 .26 | 5 .31 | 0 .34 | 9 .32 | 0 .28 | | | **1. 10. MONTHLY AVERAGE TEMPERATURE IN CAPITALS OF OSTANS, THE YEAR 1390** **(continued)** **(°c)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Mehr | Aban | Azar | Dey | Bahman | Esfand | | Arak ........ ...... | 7 .17 | 1 .8 | 3 .2 | 2 .3 | 3 .2 | 8 .3 | | Ardebil......... .... | 3 .13 | 5 .3 | 1 .1- | 2 .2 | 2 .2- | 7 .0 | | Orumiyeh ...... ........ | 0 .14 | 2 .4 | 3 .1- | 2 .0 | 0 .1- | 4 .0 | | Esfahan....... ....... | 2 .20 | 7 .11 | 4 .4 | 6 .4 | 5 .4 | 7 .7 | | Ahvaz ........ ...... | 9 .29 | 3 .21 | 6 .13 | 3 .14 | 1 .13 | 1 .16 | | Ilam........ ...... | 4 .19 | 2 .11 | 1 .6 | 7 .5 | 1 .4 | 2 .5 | | Bojnurd ..... ......... | 4 .16 | 3 .7 | 9 .0 | 7 .0 | 0 .1- | 6 .2 | | Bandar Abbas ...... ........ | 7 .30 | 6 .25 | 7 .19 | 2 .18 | 9 .17 | 3 .20 | | Bushehr ...... ........ | 2 .29 | 8 .23 | 4 .16 | 9 .16 | 4 .15 | 4 .16 | | Birjand ...... ....... | 1 .19 | 5 .13 | 4 .5 | 8 .3 | 2 .3 | 4 .7 | | Tabriz ....... ....... | 0 .16 | 2 .5 | 2 .1- | 4 .1 | 9 .0- | 6 .0 | | Tehran ..... ......... | 7 .21 | 3 .10 | 2 .5 | 8 .5 | 7 .3 | 6 .6 | | Khorramabad ....... ....... | 8 .19 | 7 .11 | 6 .4 | 8 .4 | 6 .4 | 1 .7 | | Rasht ....... ....... | 5 .19 | 8 .10 | 2 .7 | 9 .8 | 6 .3 | 7 .6 | | Zahedan ........ ...... | 6 .21 | 9 .16 | 5 .8 | 4 .7 | 3 .7 | 5 .12 | | Zanjan ....... ....... | 7 .14 | 3 .5 | 7 .0 | 9 .0 | 3 .2- | 4 .0 | | Sari ........ ...... | 9 .20 | 3 .12 | 7 .7 | 2 .9 | 8 .5 | 2 .8 | | Semnan ...... ........ | 1 .22 | 2 .11 | 5 .4 | 5 .4 | 4 .3 | 2 .6 | | Sanandaj ......... ..... | 0 .17 | 8 .8 | 1 .2 | 0 .3 | 6 .1 | 2 .3 | | Shahr-e-Kord ....... ....... | 6 .13 | 7 .7 | 4 .1 | 4 .1 | 4 .0 | 6 .1 | | Shiraz ...... ........ | 5 .21 | 1 .14 | 2 .11 | 3 .7 | 6 .6 | 2 .9 | | Qazvin .... .......... | 0 .18 | 3 .7 | 6 .2 | 9 .2 | 9 .0 | 7 .3 | | Qom ...... ........ | 8 .21 | 1 .11 | 3 .5 | 3 .5 | 5 .4 | 9 .7 | | Karaj...... | 0 .19 | 5 .7 | 6 .3 | 9 .3 | 5 .1 | 2 .5 | | Kerman ...... ........ | 3 .19 | 4 .13 | 7 .5 | 5 .6 | 5 .5 | 2 .9 | | Kermanshah ...... ........ | 7 .18 | 6 .10 | 1 .3 | 4 .4 | 0 .3 | 4 .4 | | Gorgan ....... ....... | 9 .20 | 7 .11 | 8 .6 | 6 .7 | 0 .5 | 9 .7 | | Mashhad ..... ......... | 9 .18 | 2 .8 | 5 .2 | 4 .2 | 3 .1 | 7 .5 | | Hamedan ...... ........ | 8 .15 | 5 .6 | 1 .0 | 2 .1 | 4 .0- | 6 .1 | | Yasuj .... .......... | 2 .18 | 3 .11 | 3 .5 | 7 .5 | 9 .3 | 3 .5 | | Yazd ..... ......... | 9 .23 | 8 .14 | 0 .7 | 1 .8 | 5 .7 | 7 .10 | | | *Source: I.R. I. Meteorological Organization.* |  |  | | --- | | **1. 11. ANNUAL PRECIPITATION IN CAPITALS OF OSTANS (mm)** | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | 1375 | 1380 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | | Arak ......... ..... | 303 | 260 | 283 | 380 | 191 | 322 | 262 | 199 | | Ardebil......... ..... | 347 | 234 | 237 | 269 | 189 | 296 | 237 | 259 | | Orumiyeh .... .......... | 263 | 228 | 372 | 252 | 266 | 300 | 342 | 334 | | Esfahan....... ....... | 67 | 94 | 220 | 114 | 85 | 179 | 98 | 150 | | Ahvaz ...... ........ | 152 | 235 | 184 | 159 | 95 | 186 | 173 | 89 | | Ilam ........... ... | 578 | 598 | 555 | 333 | 261 | 477 | 473 | 361 | | Bojnurd ........... ... | 000 | 000 | 241 | 228 | 233 | 282 | 232 | 209 | | Bandar Abbas .... .......... | 167 | 85 | 277 | 99 | 51 | 186 | 99 | 58 | | Bushehr .. ............ | 217 | 488 | 224 | 181 | 86 | 156 | 145 | 124 | | Birjand ......... ..... | 000 | 000 | 135 | 123 | 147 | 233 | 83 | 95 | | Tabriz ......... ..... | 259 | 210 | 129 | 203 | 197 | 233 | 180 | 272 | | Tehran ....... ....... | 156 | 192 | 227 | 294 | 139 | 238 | 213 | 316 | | Khorramabad ........ ...... | 428 | 440 | 510 | 468 | 317 | 475 | 415 | 286 | | Rasht ...... ........ | 1015 | 1262 | 1476 | 1134 | 1058 | 1088 | 1127 | 1637 | | Zahedan ...... ........ | 73 | 14 | 55 | 108 | 58 | 99 | 99 | 47 | | Zanjan ..... ......... | 249 | 232 | 308 | 346 | 152 | 325 | 233 | 366 | | Sari ......... ..... | 000 | 591 | 684 | 676 | 715 | 955 | 547 | 919 | | Semnan ...... ........ | 128 | 73 | 177 | 166 | 91 | 141 | 105 | 176 | | Sanandaj ......... ..... | 413 | 310 | 449 | 361 | 229 | 414 | 311 | 373 | | Shahr-e-Kord ..... ......... | 258 | 334 | 413 | 225 | 200 | 420 | 274 | 240 | | Shiraz ......... .... | 202 | 317 | 305 | 222 | 114 | 270 | 239 | 274 | | Qazvin ....... ....... | 000 | 232 | 325 | 305 | 162 | 338 | 353 | 424 | | Qom ........ ...... | 78 | 125 | 111 | 204 | 97 | 165 | 87 | 123 | | Karaj........ | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 351 | | Kerman ........ ...... | 123 | 119 | 134 | 81 | 99 | 78 | 119 | 108 | | Kermanshah ..... ......... | 396 | 357 | 430 | 344 | 292 | 415 | 342 | 415 | | Gorgan ........ ...... | 000 | 468 | 522 | 332 | 422 | 649 | 360 | 724 | | Mashhad ..... ......... | 170 | 153 | 223 | 202 | 165 | 277 | 156 | 254 | | Hamedan ....... ....... | 213 | 225 | 283 | 358 | 221 | 396 | 301 | 313 | | Yasuj ....... ....... | 474 | 1126 | 777 | 682 | 367 | 561 | 769 | 661 | | Yazd ...... ........ | 29 | 60 | 44 | 43 | 53 | 45 | 36 | 22 | | | *Source: I.R. I. Meteorological Organization.* | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | **1. 12. AVERAGE ANNUAL HEIGHT OF PRECIPITATION IN OSTANS (mm)** | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ostan | 1380 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | Long term | | ***Total country*** ....... ....... | ***98 .195*** | ***68 .147*** | ***11 .137*** | ***22 .113*** | ***68 .249*** | ***69 .201*** | ***92 .205*** | ***19 .232*** | | East Azarbayejan ...... ........ | 66 .206 | 80 .204 | 28 .203 | 22 .114 | 85 .287 | 36 .253 | 60 .295 | 14 .258 | | West Azarbayejan ...... ........ | 78 .278 | 83 .289 | 69 .226 | 83 .180 | 10 .374 | 72 .334 | 57 .407 | 63 .358 | | Ardebil ...... ........ | 21 .291 | 15 .195 | 69 .274 | 53 .144 | 61 .365 | 60 .341 | 85 .378 | 57 .329 | | Esfahan ...... ........ | 10 .136 | 9 .127 | 34 .108 | 26 .97 | 20 .195 | 77 .145 | 56 .144 | 10 .163 | | Alborz(1) ...... | 000(1) | 000(1) | 000(1) | 000(1) | 000(1) | 000(1) | 000(1) | 000(1) | | Ilam ...... ........ | 08 .432 | 55 .245 | 29 .156 | 50 .178 | 53 .386 | 15 .365 | 11 .262 | 26 .433 | | Bushehr ...... ........ | 87 .457 | 04 .174 | 44 .77 | 11 .76 | 00 .280 | 08 .182 | 28 .124 | 39 .297 | | Tehran ........ ...... | 47 .235 | 01 .185 | 13 .253 | 47 .130 | 00 .290 | 77 .283 | 99 .380(1) | 07 .289(1) | | Chaharmahal & Bakhtiyari. ......... | 53 .670 | 25 .432 | 16 .376 | 33 .331 | 53 .647 | 78 .540 | 99 .488 | 46 .661 | | South Khorasan ......... ..... | 000(2) | 53 .36 | 01 .47 | 94 .86 | 25 .146 | 29 .81 | 10 .99 | 98 .132 | | Khorasan-e-Razavi ..... ......... | 95 .114(2) | 85 .86 | 37 .107 | 52 .98 | 69 .232 | 17 .163 | 34 .198 | 88 .194 | | North Khorasan ...... ........ | 000(2) | 51 .185 | 16 .227 | 73 .150 | 32 .339 | 00 .273 | 66 .300 | 46 .309 | | Khuzestan ........ ...... | 70 .360 | 36 .195 | 91 .153 | 45 .120 | 75 .293 | 39 .261 | 27 .179 | 03 .335 | | Zanjan .......... .... | 74 .237 | 37 .211 | 02 .308 | 64 .129 | 87 .358 | 32 .323 | 55 .383 | 39 .314 | | Semnan ...... ........ | 04 .110 | 22 .105 | 02 .113 | 09 .80 | 47 .142 | 20 .117 | 36 .156 | 54 .145 | | Sistan & Baluchestan ...... ........ | 95 .31 | 78 .48 | 64 .81 | 24 .67 | 08 .137 | 18 .107 | 10 .74 | 50 .108 | | Fars ....... ....... | 62 .305 | 79 .205 | 70 .122 | 64 .92 | 05 .317 | 11 .260 | 74 .226 | 78 .305 | | Qazvin ...... ........ | 04 .330 | 95 .266 | 19 .285 | 91 .179 | 22 .361 | 05 .378 | 24 .422 | 42 .335 | | Qom ...... ........ | 95 .107 | 01 .99 | 45 .150 | 83 .85 | 40 .170 | 92 .115 | 74 .141 | 03 .134 | | Kordestan ... ........... | 62 .399 | 74 .309 | 88 .280 | 30 .234 | 10 .456 | 02 .407 | 39 .472 | 39 .454 | | Kerman ......... ..... | 08 .93 | 79 .58 | 88 .40 | 64 .45 | 67 .139 | 63 .112 | 30 .79 | 97 .123 | | Kermanshah ..... ......... | 12 .370 | 22 .285 | 60 .208 | 49 .248 | 26 .469 | 59 .391 | 58 .432 | 37 .456 | | Kohgiluyeh & Boyerahmad .............. | 05 .712 | 45 .286 | 55 .298 | 26 .202 | 75 .553 | 65 .488 | 15 .426 | 18 .540 | | Golestan .. ............ | 98 .382 | 73 .302 | 43 .293 | 03 .237 | 67 .532 | 66 .379 | 95 .567 | 52 .470 | | Gilan ..... ......... | 41 .1057 | 20 .897 | 91 .623 | 38 .666 | 07 .841 | 54 .916 | 13 .1231 | 94 .1002 | | Lorestan .... .......... | 97 .405 | 20 .336 | 61 .404 | 06 .239 | 64 .460 | 99 .414 | 13 .331 | 15 .456 | | Mazandaran ...... ........ | 84 .774 | 26 .570 | 96 .495 | 59 .536 | 63 .751 | 17 .585 | 19 .909 | 86 .723 | | Markazi ......... ..... | 89 .193 | 95 .190 | 24 .235 | 34 .140 | 18 .351 | 87 .252 | 27 .238 | 38 .222 | | Hormozgan ... ........... | 33 .105 | 91 .93 | 84 .48 | 15 .39 | 52 .197 | 08 .121 | 51 .73 | 84 .165 | | Hamedan ....... ....... | 51 .271 | 53 .248 | 76 .296 | 88 .194 | 94 .401 | 54 .356 | 89 .350 | 46 .339 | | Yazd ....... ....... | 19 .76 | 52 .46 | 49 .37 | 52 .51 | 40 .94 | 89 .57 | 31 .60 | 66 .83 | | | *1. Statistics for Alborz is included with Tehran*  *2.Statistics for South Khorasan and North Khorasan are included with Khorasan-e-Razavi*  *Source:I.R. I. Meteorological Organization:* | |  | |  | | E:\نهایی انگلیسی 90\نقشه ها ی نهایی\_Baresh.jpg |  |  | | --- | |  |  |  | | --- | | **1. 13. MONTHLY PRECIPITATION IN CAPITALS OF OSTANS, THE YEAR 1390**  **(mm)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Farvardin | Ordibehesht | Khordad | Tir | Mordad | Shahrivar | | Arak ....... ....... | 5 .34 | 7 .23 | 4 .0 | 2 .1 | 0 .0 | 0 .0 | | Ardebil ..... ......... | 0 .20 | 7 .52 | 5 .15 | 7 .0 | 9 .3 | 6 .5 | | Orumiyeh .......... .... | 8 .47 | 1 .111 | 6 .13 | 0 .0 | 2 .5 | 2 .4 | | Esfahan ....... ....... | 4 .5 | 5 .14 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Ahvaz ....... ....... | 3 .4 | 2 .9 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Ilam ........ ...... | 5 .65 | 6 .78 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Bojnurd ....... ....... | 0 .11 | 2 .34 | 4 .11 | 2 .12 | 0 .0 | 6 .1 | | Bandar Abbas ...... ........ | 3 .0 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | 01 .0 | | Bushehr ...... ........ | 4 .2 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Birjand ..... ......... | 8 .6 | 1 .5 | 7 .2 | 0 .0 | 0 .0 | 0 .0 | | Tabriz ... ........... | 7 .36 | 2 .89 | 0 .14 | 5 .8 | 5 .1 | 5 .5 | | Tehran .... .......... | 8 .16 | 6 .10 | 4 .0 | 8 .0 | 01 .0 | 3 .22 | | Khorramabad ......... ..... | 3 .36 | 4 .64 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Rasht ........ ...... | 8 .30 | 7 .53 | 2 .10 | 0 .39 | 7 .98 | 5 .276 | | Zahedan ...... ........ | 5 .3 | 8 .9 | 4 .10 | 0 .0 | 0 .0 | 0 .0 | | Zanjan ........ ...... | 1 .69 | 2 .51 | 4 .22 | 0 .8 | 2 .30 | 4 .7 | | Sari ......... ..... | 5 .1 | 9 .33 | 6 .4 | 9 .38 | 7 .36 | 8 .77 | | Semnan ....... ....... | 4 .4 | 0 .5 | 7 .0 | 1 .0 | 0 .0 | 3 .26 | | Sanandaj ......... ..... | 5 .57 | 7 .104 | 01 .0 | 01 .0 | 0 .0 | 01 .0 | | Shahr-e-Kord .... .......... | 4 .26 | 7 .11 | 0 .0 | 0 .0 | 6 .0 | 0 .0 | | Shiraz ......... ..... | 8 .20 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Qazvin ..... ......... | 6 .48 | 0 .79 | 1 .8 | 2 .9 | 7 .3 | 7 .42 | | Qom ........ ...... | 4 .15 | 3 .23 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Karaj........ | 4 .31 | 0 .15 | 6 .1 | 0 .2 | 0 .0 | 9 .46 | | Kerman ...... ........ | 4 .8 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | 8 .13 | | Kermanshah ....... ....... | 1 .51 | 7 .119 | 0 .0 | 01 .0 | 0 .0 | 0 .0 | | Gorgan ........... ... | 2 .6 | 2 .24 | 1 .26 | 5 .42 | 5 .42 | 6 .46 | | Mashhad ...... ........ | 8 .13 | 4 .15 | 4 .6 | 0 .0 | 0 .0 | 3 .2 | | Hamedan ...... ........ | 5 .28 | 1 .78 | 3 .1 | 0 .0 | 0 .0 | 0 .0 | | Yasuj ..... ......... | 5 .60 | 7 .1 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | Yazd ........ ...... | 7 .4 | 01 .0 | 0 .0 | 0 .0 | 0 .0 | 0 .0 | | |  | |  |  |  | | --- | | **1. 13. MONTHLY PRECIPITATION IN CAPITALS OF OSTANS, THE YEAR 1390 (continued)**  **(mm)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Mehr | Aban | Azar | Dey | Bahman | Esfand | | Arak ....... ....... | 0 .0 | 6 .91 | 2 .7 | 2 .2 | 2 .26 | 2 .12 | | Ardebil ........ ...... | 3 .16 | 8 .70 | 5 .9 | 8 .21 | 4 .8 | 6 .33 | | Orumiyeh ...... ........ | 1 .20 | 6 .80 | 0 .6 | 3 .13 | 5 .11 | 3 .20 | | Esfahan ........ ...... | 0 .0 | 2 .77 | 3 .16 | 4 .0 | 4 .32 | 5 .3 | | Ahvaz ...... ........ | 0 .0 | 7 .20 | 0 .0 | 9 .2 | 6 .32 | 6 .19 | | Ilam ...... ........ | 0 .0 | 5 .43 | 8 .1 | 7 .22 | 5 .74 | 8 .74 | | Bojnurd ...... ........ | 0 .25 | 9 .24 | 2 .12 | 7 .12 | 8 .45 | 6 .17 | | Bandar Abbas .... .......... | 3 .32 | 0 .0 | 7 .9 | 01 .0 | 2 .0 | 3 .15 | | Bushehr ......... ..... | 0 .0 | 2 .25 | 0 .46 | 0 .36 | 3 .6 | 8 .7 | | Birjand .......... .... | 0 .0 | 1 .7 | 8 .8 | 0 .3 | 1 .48 | 5 .13 | | Tabriz .......... .... | 0 .18 | 1 .38 | 3 .5 | 2 .21 | 0 .13 | 3 .21 | | Tehran ....... ....... | 01 .0 | 7 .178 | 7 .6 | 9 .24 | 1 .47 | 0 .8 | | Khorramabad ..... ......... | 0 .0 | 0 .102 | 1 .7 | 1 .11 | 1 .45 | 2 .20 | | Rasht ........ ...... | 6 .260 | 3 .359 | 9 .161 | 8 .124 | 9 .86 | 5 .134 | | Zahedan ...... ........ | 2 .4 | 01 .0 | 0 .0 | 2 .0 | 4 .14 | 2 .4 | | Zanjan ....... ....... | 0 .1 | 1 .82 | 1 .1 | 5 .26 | 3 .45 | 5 .21 | | Sari ....... ....... | 162 | 9 .124 | 6 .49 | 5 .80 | 2 .183 | 6 .125 | | Semnan ...... ........ | 0 .6 | 4 .62 | 1 .5 | 3 .1 | 6 .60 | 5 .4 | | Sanandaj ........ ...... | 1 .0 | 5 .102 | 7 .0 | 7 .20 | 3 .67 | 2 .19 | | Shahr-e-Kord ....... ....... | 0 .0 | 8 .115 | 7 .2 | 0 .4 | 2 .65 | 8 .13 | | Shiraz ....... ....... | 0 .0 | 0 .16 | 9 .53 | 5 .67 | 1 .89 | 3 .26 | | Qazvin ..... ......... | 7 .1 | 3 .138 | 6 .4 | 7 .22 | 0 .53 | 0 .12 | | Qom ....... ....... | 0 .0 | 3 .50 | 5 .14 | 8 .0 | 4 .15 | 7 .3 | | Karaj........ | 0 .0 | 172 | 4 .6 | 2 .30 | 1 .39 | 5 .6 | | Kerman ...... ........ | 3 .0 | 6 .4 | 1 .11 | 9 .4 | 7 .49 | 5 .15 | | Kermanshah ...... ........ | 01 .0 | 0 .131 | 8 .0 | 4 .10 | 2 .68 | 9 .33 | | Gorgan ........ ...... | 7 .143 | 7 .72 | 2 .57 | 7 .46 | 4 .131 | 7 .83 | | Mashhad ....... ....... | 6 .6 | 1 .57 | 5 .21 | 5 .40 | 9 .42 | 9 .47 | | Hamedan ...... ........ | 1 .0 | 2 .138 | 6 .4 | 3 .11 | 9 .23 | 5 .26 | | Yasuj ......... ..... | 0 .0 | 1 .161 | 1 .73 | 3 .60 | 5 .237 | 4 .66 | | Yazd ...... ........ | 0 .0 | 9 .2 | 8 .12 | 01 .0 | 1 .1 | 0 .0 | | | *Source: I. R. I. Meteorological Organization.* | |  |  |  | | --- | | **1. 14. HOURS OF BRIGHT SUNSHINE IN CAPITALS OF OSTANS BY MONTH, THE YEAR** **1390 (hour)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Farvardin | Ordibehesht | Khordad | Tir | Mordad | Shahrivar | | Arak ........ ...... | 5 .244 | 7 .223 | 1 .347 | 5 .320 | 1 .322 | 2 .311 | | Ardebil........ ...... | 5 .208 | 0 .202 | 4 .283 | 8 .322 | 3 .288 | 0 .201 | | Orumiyeh ... ........... | 0 .232 | 0 .236 | 8 .337 | 1 .372 | 6 .351 | 7 .328 | | Esfahan........ ..... | 2 .288 | 6 .252 | 4 .374 | 1 .341 | 6 .342 | 8 .340 | | Ahvaz .......... .... | 7 .266 | 0 .212 | 0 .345 | 5 .338 | 3 .349 | 1 .342 | | Ilam......... ..... | 1 .227 | 6 .226 | 0 .359 | 1 .360 | 4 .355 | 3 .342 | | Bojnurd ...... ........ | 6 .254 | 1 .221 | 7 .331 | 4 .344 | 3 .339 | 8 .282 | | Bandar Abbas ........ ...... | 1 .244 | 4 .287 | 8 .281 | 6 .161 | 0 .289 | 0 .284 | | Bushehr ...... ........ | 2 .230 | 5 .260 | 7 .322 | 4 .308 | 5 .323 | 0 .315 | | Birjand ... ........... | 1 .312 | 7 .294 | 6 .315 | 8 .379 | 2 .371 | 2 .344 | | Tabriz ....... ....... | 5 .204 | 4 .245 | 2 .322 | 9 .349 | 8 .353 | 9 .338 | | Tehran ......... ..... | 4 .249 | 0 .214 | 4 .324 | 1 .309 | 4 .337 | 3 .307 | | Khorramabad ....... ....... | 0 .260 | 4 .215 | 5 .350 | 2 .353 | 1 .361 | 8 .339 | | Rasht .... .......... | 7 .134 | 0 .84 | 4 .197 | 7 .264 | 9 .198 | 5 .126 | | Zahedan ....... ....... | 6 .264 | 8 .280 | 5 .300 | 0 .336 | 9 .330 | 0 .301 | | Zanjan .......... .... | 1 .245 | 8 .212 | 8 .333 | 3 .346 | 5 .347 | 8 .325 | | Sari ....... ....... | 5 .18 | 0 .105 | 8 .192 | 0 .219 | 9 .224 | 2 .147 | | Semnan ........ ...... | 2 .269 | 7 .232 | 4 .321 | 2 .302 | 8 .341 | 9 .301 | | Sanandaj ........ ...... | 4 .244 | 1 .235 | 6 .350 | 9 .362 | 8 .364 | 9 .341 | | Shahr-e-Kord .... .......... | 3 .266 | 9 .231 | 4 .371 | 8 .330 | 0 .320 | 4 .333 | | Shiraz ....... ....... | 7 .260 | 0 .241 | 5 .362 | 9 .336 | 1 .329 | 6 .317 | | Qazvin .... .......... | 8 .240 | 6 .213 | 4 .342 | 4 .342 | 6 .351 | 3 .324 | | Qom ........ ...... | 6 .255 | 9 .201 | 8 .345 | 6 .341 | 0 .334 | 0 .322 | | Karaj……………………… | 0 .235 | 0 .220 | 0 .326 | 0 .332 | 0 .342 | 0 .311 | | Kerman ....... ....... | 7 .269 | 3 .300 | 3 .339 | 8 .321 | 4 .354 | 8 .322 | | Kermanshah ...... ........ | 3 .191 | 5 .179 | 1 .314 | 2 .314 | 1 .341 | 2 .322 | | Gorgan ........ ...... | 0 .158 | 6 .133 | 1 .230 | 3 .249 | 4 .270 | 4 .217 | | Mashhad ....... ....... | 1 .245 | 5 .257 | 7 .336 | 6 .380 | 6 .374 | 1 .328 | | Hamedan ....... ....... | 8 .350 | 5 .220 | 7 .361 | 9 .352 | 0 .346 | 3 .330 | | Yasuj ...... ........ | 0 .264 | 1 .296 | 1 .372 | 3 .350 | 6 .341 | 3 .339 | | Yazd ..... ......... | 5 .285 | 7 .296 | 5 .345 | 2 .338 | 9 .352 | 0 .339 | | |  | |  | |  |  |  | | --- | | **1. 14. HOURS OF BRIGHT SUNSHINE IN CAPITALS OF OSTANS BY MONTH, THE YEAR**  **1390** **(continued) (hour)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Mehr | Aban | Azar | Dey | Bahman | Esfand | | Arak ....... ....... | 3 .286 | 8 .151 | 8 .197 | 6 .207 | 9 .212 | 3 .236 | | Ardebil...... ........ | 5 .225 | 7 .95 | 8 .181 | 1 .177 | 7 .175 | 5 .181 | | Orumiyeh ..... ......... | 0 .247 | 9 .99 | 2 .133 | 8 .151 | 6 .176 | 6 .15 | | Esfahan...... ........ | 8 .297 | 3 .203 | 7 .199 | 8 .239 | 1 .233 | 9 .272 | | Ahvaz ..... ......... | 7 .297 | 8 .186 | 3 .243 | 4 .195 | 6 .179 | 9 .231 | | Ilam...... ........ | 0 .294 | 9 .196 | 9 .236 | 5 .192 | 3 .173 | 2 .201 | | Bojnurd ..... ......... | 9 .243 | 7 .127 | 3 .159 | 7 .151 | 7 .139 | 4 .179 | | Bandar Abbas ....... ....... | 3 .242 | 0 .270 | 3 .271 | 3 .233 | 3 .207 | 6 .213 | | Bushehr ......... ..... | 3 .287 | 4 .236 | 6 .237 | 6 .207 | 6 .185 | 6 .219 | | Birjand ........ ...... | 0 .307 | 1 .238 | 9 .250 | 9 .250 | 7 .179 | 5 .259 | | Tabriz ....... ....... | 9 .238 | 3 .114 | 2 .147 | 8 .147 | 7 .156 | 0 .207 | | Tehran .... .......... | 0 .278 | 0 .137 | 0 .176 | 0 .205 | 9 .180 | 6 .219 | | Khorramabad .... .......... | 6 .292 | 6 .168 | 1 .220 | 4 .190 | 3 .185 | 9 .196 | | Rasht ....... ....... | 7 .139 | 6 .75 | 1 .112 | 7 .124 | 3 .70 | 1 .137 | | Zahedan ..... ......... | 3 .281 | 5 .270 | 6 .274 | 2 .258 | 0 .227 | 6 .244 | | Zanjan ....... ....... | 6 .257 | 1 .112 | 9 .178 | 9 .159 | 7 .141 | 9 .203 | | Sari ........ ...... | 9 .175 | 7 .117 | 7 .152 | 2 .157 | 0 .127 | 9 .140 | | Semnan ...... ........ | 2 .297 | 5 .157 | 5 .178 | 2 .225 | 6 .196 | 3 .234 | | Sanandaj ........ ...... | 2 .287 | 9 .165 | 2 .198 | 7 .172 | 0 .173 | 9 .208 | | Shahr-e-Kord .... .......... | 1 .295 | 4 .207 | 4 .238 | 2 .234 | 4 .223 | 6 .251 | | Shiraz ....... ....... | 3 .298 | 3 .248 | 7 .246 | 3 .235 | 8 .213 | 5 .271 | | Qazvin ...... ........ | 5 .279 | 9 .132 | 0 .205 | 7 .200 | 4 .171 | 9 .217 | | Qom ........ ...... | 3 .284 | 2 .159 | 1 .191 | 4 .232 | 5 .219 | 7 .231 | | Karaj……………………. | 0 .281 | 0 .123 | 0 .193 | 0 .191 | 0 .183 | 0 .212 | | Kerman ....... ....... | 7 .300 | 0 .262 | 7 .256 | 9 .255 | 3 .206 | 1 .258 | | Kermanshah ... ........... | 4 .276 | 9 .173 | 3 .226 | 1 .179 | 9 .184 | 1 .184 | | Gorgan ...... ........ | 1 .196 | 9 .126 | 9 .157 | 6 .152 | 6 .126 | 7 .155 | | Mashhad ....... ....... | 0 .270 | 1 .114 | 0 .129 | 3 .160 | 3 .142 | 5 .197 | | Hamedan ... ........... | 3 .303 | 9 .145 | 0 .189 | 4 .196 | 6 .203 | 2 .236 | | Yasuj ....... ....... | 8 .306 | 1 .200 | 9 .243 | 5 .202 | 6 .178 | 8 .239 | | Yazd ........ ...... | 0 .301 | 3 .224 | 0 .213 | 2 .257 | 9 .222 | 3 .252 | | | *Source: I. R. I. Meteorological Organization.* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | **15. MAXIMUM WIND SPEED IN CAPITALS OF OSTANS BY MONTH, THE YEAR 1390**  **(mps)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Farvardin | Ordibehesht | Khordad | Tir | Mordad | Shahrivar | | Arak ....... ....... | 10 | 10 | 10 | 10 | 10 | 8 | | Ardebil...... ........ | 22 | 13 | 11 | 16 | 15 | 14 | | Orumiyeh ...... ........ | 15 | 13 | 10 | 8 | 11 | 6 | | Esfahan........ ...... | 15 | 12 | 10 | 8 | 10 | 12 | | Ahvaz .. ............ | 13 | 21 | 12 | 9 | 9 | 10 | | Ilam.... .......... | 25 | 14 | 14 | 9 | 10 | 20 | | Bojnurd ...... ........ | 18 | 17 | 20 | 11 | 14 | 15 | | Bandar Abbas ..... ......... | 11 | 12 | 9 | 9 | 9 | 8 | | Bushehr ....... ....... | 13 | 18 | 11 | 10 | 11 | 10 | | Birjand ...... ........ | 16 | 11 | 12 | 13 | 14 | 10 | | Tabriz ...... ........ | 17 | 17 | 16 | 17 | 18 | 19 | | Tehran ......... ..... | 30 | 23 | 15 | 15 | 14 | 14 | | Khorramabad ...... ........ | 15 | 12 | 15 | 8 | 8 | 12 | | Rasht .. ............ | 15 | 13 | 14 | 8 | 7 | 9 | | Zahedan ...... ........ | 22 | 24 | 18 | 18 | 20 | 13 | | Zanjan ...... ........ | 15 | 10 | 12 | 13 | 15 | 11 | | Sari ....... ....... | 15 | 18 | 16 | 7 | 6 | 7 | | Semnan ......... ..... | 25 | 16 | 12 | 12 | 9 | 12 | | Sanandaj ......... ..... | 14 | 11 | 10 | 9 | 10 | 9 | | Shahr-e-Kord ......... ..... | 13 | 15 | 12 | 14 | 9 | 6 | | Shiraz ....... ....... | 14 | 11 | 12 | 7 | 11 | 9 | | Qazvin ..... ......... | 22 | 14 | 14 | 15 | 30 | 10 | | Qom ....... ....... | 23 | 24 | 26 | 17 | 19 | 15 | | Karaj....... | 20 | 16 | 18 | 20 | 11 | 25 | | Kerman ........ ...... | 20 | 18 | 12 | 11 | 12 | 16 | | Kermanshah .......... .... | 11 | 11 | 11 | 13 | 13 | 10 | | Gorgan ..... ......... | 20 | 15 | 11 | 12 | 11 | 9 | | Mashhad ..... ......... | 14 | 15 | 11 | 12 | 12 | 11 | | Hamedan ...... ........ | 25 | 18 | 16 | 24 | 17 | 13 | | Yasuj ........ ...... | 16 | 11 | 11 | 11 | 15 | 9 | | Yazd ........ ...... | 27 | 24 | 15 | 14 | 16 | 13 | | |  | |  | |  |  |  | | --- | | **1. 15. MAXIMUM WIND SPEED IN CAPITALS OF OSTANS BY MONTH, THE YEAR 1390**  **(continued)** **(mps)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Capital of Ostan | Mehr | Aban | Azar | Dey | Bahman | Esfand | | Arak ...... ........ | 12 | 9 | 7 | 11 | 15 | 16 | | Ardebil.......... .... | 14 | 16 | 15 | 16 | 15 | 21 | | Orumiyeh ........ ...... | 13 | 11 | 5 | 8 | 13 | 12 | | Esfahan......... ..... | 11 | 12 | 9 | 10 | 15 | 20 | | Ahvaz .... .......... | 13 | 9 | 7 | 7 | 12 | 15 | | Ilam..... ......... | 13 | 11 | 10 | 12 | 14 | 18 | | Bojnurd ......... ..... | 17 | 13 | 15 | 23 | 16 | 19 | | Bandar Abbas ..... ......... | 12 | 9 | 15 | 11 | 11 | 18 | | Bushehr ......... ..... | 12 | 11 | 16 | 14 | 20 | 14 | | Birjand ....... ....... | 12 | 12 | 14 | 14 | 11 | 16 | | Tabriz ........ ...... | 17 | 18 | 12 | 12 | 17 | 18 | | Tehran ..... ......... | 14 | 12 | 11 | 32 | 14 | 15 | | Khorramabad ..... ......... | 12 | 10 | 8 | 11 | 12 | 13 | | Rasht ....... ....... | 10 | 19 | 12 | 16 | 8 | 18 | | Zahedan ..... ......... | 12 | 14 | 13 | 14 | 32 | 26 | | Zanjan ........ ...... | 13 | 10 | 12 | 8 | 10 | 16 | | Sari ........ ...... | 23 | 8 | 6 | 9 | 16 | 15 | | Semnan ....... ....... | 10 | 7 | 8 | 8 | 11 | 13 | | Sanandaj .......... .... | 10 | 9 | 12 | 9 | 12 | 11 | | Shahr-e-Kord ....... ....... | 18 | 15 | 14 | 15 | 18 | 24 | | Shiraz .... .......... | 12 | 9 | 8 | 9 | 12 | 15 | | Qazvin .... .......... | 17 | 9 | 10 | 8 | 11 | 16 | | Qom ........ ...... | 22 | 15 | 10 | 16 | 16 | 22 | | Karaj………………………… | 15 | 13 | 10 | 9 | 11 | 17 | | Kerman ...... ........ | 12 | 11 | 13 | 15 | 20 | 30 | | Kermanshah ...... ........ | 13 | 8 | 10 | 8 | 10 | 13 | | Gorgan ....... ....... | 23 | 15 | 12 | 10 | 22 | 20 | | Mashhad ..... ......... | 10 | 9 | 11 | 8 | 15 | 17 | | Hamedan ..... ......... | 15 | 20 | 20 | 14 | 15 | 21 | | Yasuj ..... ......... | 10 | 10 | 8 | 9 | 12 | 12 | | Yazd ..... ......... | 13 | 13 | 10 | 12 | 17 | 19 | | | *Source: I. R. I. Meteorological Organization.* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | **1. 16. AREA AND OVERLAND FLOW COEFFICIENT OF MAIN BASINS** | | |  |  |  | | --- | --- | --- | | Main basin | Area (1000 km2) | Coefficient of overland flow, 43-year average (1347-1389)( %) | | ***Total country*** ....... ....... | ***1622.6*** | ***22.7*** | |  |  |  | | Caspian Sea ......... ..... | 174.6 | 23.6 | | Persian Gulf and Oman Sea ... ........... | 424.5 | 32.1 | | Lake Orumiyeh ....... ....... | 51.8 | 30.9 | | Central Plateau ...... ........ | 824.4 | 10.2 | | Eastern Border ...... ........ | 103.2 | 14.8 | | Qareh Qum ........ ...... | 44.2 | 32.2 | | | *Source: Ministry of Energy.* |  |  | | --- | | **1. 17. VOLUME OF PRECIPITATION IN THE MAIN BASINS (bln m3)** | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Aquatic year | Total country | Caspian Sea | Persian Gulf & Oman Sea | Lake Orumiyeh | Central Plateau | Eastern Border | Qareh Qum | | Average 43-year ( from the years 1347-1389 through 1388-89) . | 191 .405 | 697 .73 | 368 .157 | 682 .17 | 723 .135 | 923 .10 | 798 .9 | | 1374-75....................................... | 800 .511 | 410 .68 | 650 .212 | 000 .16 | 200 .189 | 490 .19 | 040 .6 | | 1379-80......................................... | 550 .229 | 756 .60 | 450 .110 | 031 .12 | 931 .105 | 923 .3 | 459 .6 | | 1384-85 | 635 .351 | 164 .66 | 105 .147 | 102 .17 | 583 .109 | 731 .4 | 950 .6 | | 1385-86....... | 314 .458 | 226 .82 | 754 .163 | 755 .19 | 901 .165 | 653 .15 | 025 .11 | | 1386-87........ | 973 .227 | 985 .52 | 709 .80 | 048 .10 | 886 .71 | 091 .7 | 255 .5 | | 1387-88 | 384 .352 | 312 .75 | 879 .107 | 514 .15 | 816 .128 | 664 .13 | 200 .11 | | 1388-89 | 763 .390 | 210 .78 | 606 .151 | 055 .20 | 485 .121 | 037 .1 | 036 .9 | | ***1389-90*** | ***184 .328*** | ***913 .66*** | ***200 .120*** | ***405 .15*** | ***723 .110*** | ***331 .8*** | ***613 .6*** | | | *Source: Ministry of Energy.* |  |  | | --- | | **1. 18. ESTIMATED VOLUME OF OVERLAND FLOWS OF THE MAIN BASINS (bln m3)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Aquatic year | Total country | Caspian Sea | Persian Gulf &Oman Sea | Lake Orumiyeh | Central Plateau | Eastern Border & Qareh Qum | | Average 43-year ( from the years 1347-1389 through 1388-89). | 041 .91 | 217 .17 | 009 .50 | 387 .5 | 709 .13 | 719 .4 | | 1374-75....................................... | 560 .109 | 360 .19 | 890 .59 | 770 .4 | 200 .22 | 340 .3 | | 1379-80......................................... | 640 .37 | 540 .6 | 560 .23 | 270 .1 | 520 .4 | 750 .1 | | 1384-85 | 317 .90 | 148 .11 | 297 .62 | 701 .3 | 458 .11 | 713 .1 | | 1385-86....... | 794 .83 | 485 .13 | 705 .49 | 208 .4 | 513 .12 | 883 .3 | | 1386-87........ | 595 .41 | 172 .7 | 695 .24 | 680 .1 | 291 .6 | 757 .1 | | 1387-88 | 605 .37 | 756 .7 | 832 .18 | 053 .2 | 244 .7 | 719 .1 | | 1388-89 | 067 .52 | 409 .10 | 520 .27 | 139 .3 | 294 .9 | 707 .1 | | ***1389-90*** | ***187 .44*** | ***904 .7*** | ***290 .23*** | ***947 .2*** | ***718 .8*** | ***327 .1*** | | | *Source: Ministry of Energy.* | | نقشه حوضه هاي آبريز لاتين87 |  **1. 19. NUMBER AND AREA OF ZONES PROTECTED BY IRAN DEPARTMENT OF** | | **ENVIRONMENT AT THE END OF THE YEAR 1390 (hectare)** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Ostan | Total | | National park | | Wildlife habitat | | | Number | Area | Number | Area | Number | Area | | ***Total country***....... ....... | ***254*** | ***16711753*** | ***27*** | ***1979181*** | ***42*** | ***5564669*** | | East Azarbayejan....... ....... | 8 | 460035 | 1 | 7000 | 1 | 89952 | | West Azarbayejan........ ...... | 6 | 558910 | 1 | 540885 | 2 | 5756 | | Ardebil ......... ..... | 4 | 136978 | - | - | - | - | | Esfahan ........ ...... | 10 | 974922 | 2 | 77148 | 4 | 597245 | | Alborz........ | 1 | 64149 | - | - | - | - | | Ilam .......... .... | 6 | 148016 | - | - | - | - | | Bushehr ....... ....... | 7 | 151554 | 2 | 67122 | 1 | 2082 | | Tehran ......... ..... | 9 | 423055 | 3 | 46953 | - | - | | Chaharmahal & Bakhtiyari...... ........ | 7 | 157814 | 1 | 4372 | - | - | | South Khorasan ..... ......... | 6 | 356406 | - | - | 2 | 85689 | | Khorasan-e-Razavi ... ........... | 22 | 781588 | 1 | 35540 | 2 | 69197 | | North Khorasan ......... ..... | 10 | 194068 | 2 | 15268 | 1 | 84435 | | Khuzestan ...... ........ | 14 | 685905 | 2 | 11594 | 1 | 328926 | | Zanjan ...... ........ | 3 | 244610 | - | - | 1 | 29812 | | Semnan ...... ........ | 6 | 2098636 | 2 | 543285 | 2 | 453387 | | Sistan & Baluchestan ...... ........ | 9 | 886020 | - | - | 1 | 293031 | | Fars ........ ...... | 11 | 1173610 | 3 | 255311 | 1 | 153499 | | Qazvin ...... ........ | 1 | 25344 | - | - | - | - | | Qom ...... ........ | 1 | 31735 | - | - | - | - | | Kordestan ..... ......... | 5 | 179456 | - | - | 1 | 3292 | | Kerman ......... ..... | 16 | 2467439 | 1 | 149982 | 4 | 1436674 | | Kermanshah ...... ........ | 6 | 161644 | - | - | 1 | 40651 | | Kohgiluyeh& Boyerahmad . .. | 8 | 205580 | 1 | 25839 | - | - | | Golestan ...... ........ | 4 | 136821 | 1 | 87402 | - | - | | Gilan ....... ....... | 15 | 131867 | 1 | 3176 | 5 | 3893 | | Lorestan ....... ....... | 3 | 167184 | - | - | - | - | | Mazandaran ...... ........ | 20 | 497583 | 2 | 27518 | 5 | 84981 | | Markazi ....... ....... | 5 | 133910 | - | - | 2 | 27851 | | Hormozgan .... .......... | 16 | 714053 | - | - | 2 | 4378 | | Hamedan ......... ..... | 6 | 60856 | - | - | - | - | | Yazd ......... ..... | 9 | 2302005 | 1 | 80786 | 3 | 1769938 | | | **1. 19. NUMBER AND AREA OF ZONES PROTECTED BY IRAN DEPARTMENT OF** | | **ENVIRONMENT AT THE END OF THE YEAR 1390 (continued) (hectare)** | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Ostan | Protected zones | | National natural heritages | | | Number | Area | Number | Area | | ***Total country***...... ........ | ***150*** | ***9130119*** | ***35*** | ***37784*** | |  |  |  |  |  | | East Azarbayejan....... ....... | 5 | 362057 | 1 | 1026 | | West Azarbayejan........ ...... | 2 | 12267 | 1 | 2 | | Ardebil ......... ..... | 2 | 129107 | 2 | 7871 | | Esfahan .... .......... | 4 | 300529 | - | - | | Alborz........ | 1 | 64149 | - | - | | Ilam ........ ...... | 4 | 146495 | 2 | 1521 | | Bushehr ...... ........ | 2 | 77768 | 2 | 4582 | | Tehran ........ ...... | 3 | 371398 | 3 | 4704 | | Chaharmahal & Bakhtiyari.... .......... | 5 | 153062 | 1 | 380 | | South Khorasan ....... ....... | 4 | 270717 | - | - | | Khorasan-e-Razavi .. ............ | 16 | 666958 | 3 | 9893 | | North Khorasan ..... ......... | 4 | 94280 | 3 | 85 | | Khuzestan ...... ........ | 11 | 345385 | - | - | | Zanjan ....... ....... | 2 | 214798 | - | - | | Semnan ...... ........ | 2 | 1101964 | - | - | | Sistan & Baluchestan ....... ....... | 4 | 592757 | 4 | 232 | | Fars .......... .... | 7 | 764800 | - | - | | Qazvin ...... ........ | 1 | 25344 | - | - | | Qom ....... ....... | 1 | 31735 | - | - | | Kordestan ........ ...... | 4 | 176164 | - | - | | Kerman ........ ...... | 10 | 880783 | 1 | 0 | | Kermanshah ...... ........ | 3 | 120992 | 2 | 1 | | Kohgiluyeh& Boyerahmad ....... ....... | 7 | 179741 | - | - | | Golestan ..... ........ | 3 | 49419 | - | - | | Gilan ..... ......... | 6 | 124797 | 3 | 1 | | Lorestan .... .......... | 2 | 167183 | 1 | 1 | | Mazandaran ...... ........ | 10 | 379561 | 3 | 5523 | | Markazi ..... ......... | 2 | 106055 | 1 | 4 | | Hormozgan ....... ....... | 13 | 707719 | 1 | 1956 | | Hamedan ..... ......... | 6 | 60856 | - | - | | Yazd ........ ...... | 4 | 451279 | 1 | 2 | |  *Source: Iran Department of Environment.* | | |