

Introduction

The statistical information appeared in this chapter includes “geographical characteristics and administrative divisions”, and “climate”.

1. Geographical characteristics and administrative divisions

Iran comprises a land area of over 1.6 million square kilometers. It lies down on the southern half of the northern temperate zone, between latitudes 25° 04' and 39° 46' north, and longitudes 44° 02' and 63° 19' east. The land's average height is over 1200 meters above sea level. 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, Republic of 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 some Shahrs 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, Qafan Kuh mountains in Azarbaijan, 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 Ostan on the east of Iran.

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

Southern mountain range stretches from Khouzestan Ostan to Sistan & Baluchestan Ostan 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 (Greater Faroor), Hendurabi, Khark, Minou, Siri, Khan, Abu Mosa, Espir (Orumiyeh Lake), Tonb Bozorg (Greater Tonb), Morghi, Kharku, Arezoo (Orumiyeh Lake), Faroor Kuchak (Small/Lesser Faroor) and Tunb Kuchak (Small/Lesser Tonb).

The Caspian Sea (the world's largest lake) lies on the north of Iran and connects Iran to European countries through Russian waterways. The water of the most of the 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 diverse climate. The effect of distance from the sea, namely closeness and remoteness from the 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 the 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*** : Vast regions of the interior and far south of Iran enjoy this climate which are characterized by long, warm and dry periods, some years lasting over 7 months. The annual precipitation in such regions varies between 30 to 250 mm.

2. ***Mountainous climate***, which are 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 ann um.

Measurement of climatic characteristics, which dates back to the year 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) centres. 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 basins, respectively in the year 1383.

The Statistics in this Chapter have been gathered from the Armed Forces Geographical Organization, Ministry of the Interior, I.R. of Iran Meteorological Organization and Iran Water Resource Management Company.

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 (cities), 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): These are 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 communicated to meteorological centers across the globe by devices like SSB, telephone or telex 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.

Selected information

The total length of the I.R. Iran's borderlines is 8640 kilometers out of which the longest borderline is for that of south waters with 2106 kilometers and the shortest one goes to Iran-Armenia which equals 45 kilometers.

In the year 1395, Sistan & Baluchestan, Kerman, South Khorasan, Fars, Khorasan-e-Razavi and Esfahan were among the largest Ostans in the country, respectively, and each of them has an area of more than 100000 Km². Tehran Ostan with an area of about 14000 Km² ranks the 29th among the nation's Ostans.

In the year 1395, I.R.Iran was divided into 31 Ostans (provinces), 429 Shahrestans (sub-provinces), 1058 Bakhshes (counties), 1246 Shahrs (cities) and 2589 Dehestans (rural agglomerations).

In the year 1395 average maximum and minimum temperatures in Ostans' centers belong to Bandar Abbas with 27°C and Ardebil with 9.4°C respectively. Furthermore, the absolute maximum belongs to Ahvaz with 54°C and the absolute minimum goes to Ardebil with -33.8°C. Also in the said year, the highest annual precipitation of the country belongs to Rasht and Sari, which amounted to 1478.7 and 824.4 mm, respectively, and Yazd and Zahedan with 23.7 and 55.1 mm respectively had the lowest annual precipitation amongst all Ostans' capitals. In the year 1395, the maximum frosty days belong to Shahr-e-Kord with 136 days, Hamedan with 125 days, and Orumiyeh with 117 days; and Bandar Abbas and Bushehr have not experienced any frosty day.

The volume of precipitation in national main basins during the aquatic year of 1394-95 was approximately 391.047 bln m³ out of which the share of each basin is as follows: the Caspian

Sea: 89.570 bln m³, the Persian Gulf and Oman Sea 154.518 bln m³, the Lake of rumiyeh:16.887 bln m³, Central lateau:109.645 bln m³, Eastern Border: 9.804 bln m³& Qareh Qum 11.182 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 11.00%, the Persian Gulf and Oman Sea:26.00%, Lake of Orumiyeh 3.00%, Central Plateau:51.00%, Eastern Border 6.00 % and Qareh Qum:3.00%.

1.1. LENGTH OF IRANIAN BORDERLINES, THE YEAR 1395**(km)**

Description	Borderline length
Total	8640
Iran-Iraq borderline	1608
Iran- Turkey borderline.....	566.1
Iran- Turkmenistan borderline	1190
Iran- Azerbaijan borderline	756.8
Iran- Armenia border	45
Northern coastline	524
Iran- Afghanistan borderline	919.1
Iran- Pakistan borderline	924.8
Southern coastline	2106

Source: Armed Forces Geographical Organization.

1.2. LONGITUDE AND LATITUDE OF OSTANS, THE YEAR 1395

Ostan	Longitude				Latitude			
	Lower limit		Upper limit		Lower limit		Upper limit	
	Minute	Degree	Minute	Degree	Minute	Degree	Minute	Degree
Total country	2	44	19	63	4	25	46	39
East Azarbayejan	5	45	21	48	45	36	26	39
West Azarbayejan	2	44	24	47	58	35	46	39
Ardebil	18	47	55	48	6	37	42	39
Esfahan.....	38	49	30	55	42	30	30	34
Alborz	10	50	28	51	33	35	21	36
Ilam	41	45	3	48	3	32	2	34
Bushehr	6	50	56	52	18	27	17	30
Tehran	21	50	9	53	52	34	8	36
Chaharmahal & Bakhtiyari	30	49	26	51	9	31	49	32
South Khorasan.....	23	55	56	60	31	30	6	35
Khorasan-e-Razavi	14	56	16	61	51	33	42	37
North Khorasan.....	54	55	25	58	35	36	17	38
Khuzestan	40	47	33	50	53	29	0	33
Zanjan	10	47	26	49	33	35	15	37
Semnan	50	51	3	57	14	34	20	37
Sistan & Baluchestan.....	50	58	19	63	4	25	29	31
Fars	36	50	35	55	3	27	40	31
Qazvin.....	44	48	51	50	24	35	49	36
Qom	5	50	58	51	9	34	11	35
Kordestan.....	33	45	15	48	44	34	28	36
Kerman	20	54	34	59	29	26	58	31
Kermanshah	24	45	6	48	41	33	17	35
Kohgiluyeh & Boyerahmad	53	49	53	51	56	29	29	31
Golestan	51	53	19	56	30	36	7	38
Gilan	34	48	36	50	34	36	27	38
Lorestan	50	46	1	50	39	32	23	34
Mazandaran.....	21	50	8	54	46	35	58	36
Markazi	57	48	3	51	23	33	34	35
Hormozgan	44	52	14	59	25	25	53	28
Hamedan.....	48	47	28	49	0	34	44	35
Yazd.....	48	52	39	56	36	29	22	33

Source: Armed Forces Geographical Organization.

1.3. NUMBER OF SHAHRESTANS, BAKHSHES, SHAHRS AND DEHESTANS ACCORDING TO THE ADMINISTRATIVE DIVISIONS

Year	Number of Shahrestans	Number of Bakhshes	Number of Shahrs	Number of Dehestans
1380	299	794	889	2305
1385	336	889	1015	2400
1390	400	994	1166	2507
1391	422	1041	1224	2566
1392	428	1058	1242	2589
1393	428	1058	1243	2589
1394	430	1059	1243	2590
1395⁽¹⁾	429	1058	1246	2589

1. Decreases in the number of Shahrestans, Bakhshes, and Dehestans is due to Bastam in Semnan Ostan crossed out from the list of Shahrestans.

Source: Ministry of the Interior.

1.4. GENERAL CHARACTERISTICS OF OSTANS ACCORDING TO THE ADMINISTRATIVE DIVISIONS AT THE END OF THE YEAR 1395

Ostan	Capital of Ostan	Area ⁽¹⁾ (sq km)	Number of Shahrestans	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Total country	××	1628777	429	1058	1246	2589
East Azarbayejan	Tabriz	45637	20	44	62	142
West Azarbayejan	Orumiyeh	37411	17	40	42	113
Ardebil	Ardebil	17813	10	29	26	71
Esfahan	Esfahan	107017	24	51	107	129
Alborz	Karaj	5173	6	13	17	29
Ilam	Ilam	20132	10	26	25	49
Bushehr	Bushehr	22764	10	25	37	48
Tehran	Tehran	13640	16	33	43	71
Chaharmahal & Bakhtiyari	Shahr-e-Kord	16336	9	25	40	50
South Khorasan	Birjand	150797	11	25	28	61
Khorasan-e-Razavi	Mashhad	118851	28	70	73	164
North Khorasan	Bojnurd	28434	8	19	22	45
Khuzestan	Ahvaz	64019	27	67	77	142
Zanjan	Zanjan	21773	8	17	21	48
Semnan	Semnan	97490	8	15	20	31
Sistan & Baluchestan	Zahedan	181785	19	48	37	112
Fars	Shiraz	122604	29	84	102	205
Qazvin	Qazvin	15567	6	19	25	46
Qom	Qom	11526	1	5	6	9
Kordestan	Sanandaj	29136	10	31	29	86
Kerman	Kerman	180725	23	58	71	151
Kermanshah	Kermanshah	25009	14	31	32	86
Kohgiluyeh & Boyerahmad	Yasuj	15519	8	19	17	45
Golestan	Gorgan	20367	14	27	30	60
Gilan	Rasht	14041	16	43	52	109
Lorestan	Khorramabad	28293	11	31	25	87
Mazandaran	Sari	23841	22	56	58	131
Markazi	Arak	29126	12	23	33	66
Hormozgan	BandarAbbas	70712	13	38	39	85
Hamedan	Hamedan	19367	9	25	30	73
Yazd	Yazd	73872	10	21	20	45

1. Only land area.

Source: Ministry of the Interior.

1.1. COUNTRY DIVISIONS, THE YEAR 1395



For Data See: Table 1-4

1.5. BAKHSHEH, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT END OF THE YEAR 1395

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Total country	1058	1246	2589
East Azarbayejan	44	62	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	2	4
Kaleibar	2	2	7
Maragheh	2	2	6
Marand	2	5	9
Malekan	2	3	5
Miyaneh	4	5	17
Varzaqan	2	2	7
Haris	2	5	6
Hashtrud	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.....	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, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	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	51	107	129
Aran & Bidgol	2	4	3
Ardestan	2	3	7
Esfahan	6	14	19
Borkhar	2	7	4
Buin and Miyandasht.....	2	2	5
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
Feridan	2	2	5
Fereydunshahr	1	2	5
Falavarjan	3	8	6
Kashan	4	7	9
Golpayegan.....	1	3	3
Lenjan	3	9	7
Mobarakeh	2	6	5
Naeen	2	3	5
Najafabad.....	2	6	5
Natanz	2	4	5
Alborz	13	17	29
Eshtehard	2	1	4
Savojbalagh.....	3	5	6
Taleghan	2	1	4
Fardis	2	2	4
Karaj	2	6	6
Nazarabad	2	2	5
Ilam.....	26	25	49

1.5. BAKHSHES, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Abdanan.....	3	3	6
Ilam.....	3	2	6
Ivan.....	2	2	4
Badreh.....	2	1	4
Chardavel.....	4	5	7
Darrehshahr.....	2	2	4
Dehloran.....	4	4	8
Sirvan.....	2	1	4
Malekshahi.....	2	3	4
Mehran.....	2	2	2
Bushehr.....	25	37	48
Bushehr.....	2	4	2
Tangestan.....	2	3	4
Jam.....	2	3	5
Dashtestan.....	6	9	12
Dashti.....	3	4	7
Dayyer.....	3	5	6
Deylam.....	2	2	4
Asalouye.....	2	2	4
Kangan.....	1	3	2
Genaveh.....	2	2	2
Tehran.....	33	43	71
Eslamshahr.....	3	2	6
Baharestan.....	2	3	4
Pakdasht.....	2	3	6
Pardis.....	2	2	4
Pishva.....	2	1	4
Tehran.....	3	1	4
Damavand.....	2	5	5
Robatkarim.....	1	3	3
Rey.....	5	4	9
Shemiranat.....	2	4	3
Shahriar.....	1	7	6
Firuzkuh.....	2	2	5
Qods.....	1	1	2
Qarchak.....	1	1	2
Malard.....	2	2	4
Varamin.....	2	2	4
Chaharmahal & Bakhtiyari.....	25	40	50
Ardal.....	2	4	4
Borujen.....	3	6	5
Bon.....	2	2	4
Saman.....	2	1	4
Shahr-e-Kord.....	3	9	6
Farsan.....	3	6	5
Kuhrang.....	3	3	7
Keyar.....	2	4	4
Lordegan.....	5	5	11
South Khorasan.....	25	28	61
Boshroye.....	2	2	4

1.5. BAKHSHES, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Birjand.....	1	1	6
Khosaf.....	2	2	5
Darmitan	3	4	6
Zeerkooch.....	3	2	6
Sarayan	2	3	4
Sarbisheh.....	3	2	6
Tabas.....	3	3	8
Ferdows	1	2	3
Qayenat	3	5	8
Nahbandan	2	2	5
<i>Khorasan-e-Razavi</i>	70	73	164
Bakharz.....	2	1	4
Bajestan.....	2	2	4
Bardaskan	3	3	6
Binalood.....	2	2	4
Taybad	2	3	4
Torbat-e-Jam	5	5	13
Torbat-e-Heydariyeh	4	4	8
Joghatay	2	1	4
Jovin.....	2	1	4
Chenaran	2	3	5
Khalil Abad	2	2	4
Khaf	4	5	8
Khooshab.....	2	1	5
Davarzan.....	2	1	4
Dargaz	4	4	7
Rashtkhar	2	2	4
Zaveh	2	1	4
Sabzevar	3	3	11
Serakhs	2	2	6
Fariman	2	4	5
Firooze	2	2	4
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
<i>North Khorasan</i>	19	22	45
Esfarayen	2	2	7
Bojnurd	2	3	5
Jajarm	3	3	5
Raz & Jargalan.....	3	1	6
Shirvan.....	3	4	9
Faruj	2	2	5

1.5. BAKHSHES, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Garmeh.....	1	3	2
Maneh and Samalqan	3	4	6
Khuzestan	67	77	142
Abadan	2	3	6
Aghajaree.....	2	1	2
Omidiyeh	2	2	3
Endika.....	3	2	6
Andimeshk	2	5	4
Ahvaz.....	3	2	6
Izeh	3	2	10
Baghmalek	3	4	8
Bavi.....	2	3	4
Bandar-e-Mahshahr	2	3	1
Behbahan	3	4	6
Hamidiyeh	2	1	4
Khorramshahr	2	3	4
Dezful	4	9	11
Dasht-e-Azadegan	2	4	5
Ramshir	2	2	4
Ramhormoz	4	1	8
Shadegan	3	3	8
Shush	3	5	7
Shushtar	3	4	6
Karoun.....	2	1	4
Gotvand	2	5	4
Lali	2	1	4
Masjed Soleyman	3	2	6
Haftgol.....	2	1	3
Hendijan	2	2	4
Hovayzeh.....	2	2	4
Zanjan	17	21	48
Abhar	1	3	5
Ijerud	2	2	4
Khodabandeh	4	7	10
Khorramdarreh	1	1	2
Zanjan	3	3	13
Soltaniyeh.....	2	1	4
Tarom	2	2	5
Mahneshan	2	2	5
Semnan.....	15	20	31
Aradan.....	2	2	4
Damghan	2	4	6
Sorkhe.....	1	1	2
Semnan	1	1	1
Shahrud	3	6	7
Garmsar	2	2	3
Mehdishahr.....	2	3	3
Mayamee	2	1	5
Sistan & Baluchestan	48	37	112
Iranshahr	3	4	7
Chabahar	3	2	6
Khash	3	2	11
Delgan	2	1	5
Zabol	1	2	1

1.5. BAKHSHES, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Zahedan	3	2	6
Zahak	2	1	4
Saravan	3	5	8
Sarbaz	4	3	11
Sibsavaran.....	2	2	4
Fonuch.....	2	1	4
Qaser-e Qand.....	3	1	6
Konarak	2	2	4
Mehrestan....	2	1	4
Mirjave.....	3	1	7
Neekshahr.....	4	3	11
Neemrooz.....	2	1	4
Hamoon.....	2	2	4
Hirmand.....	2	1	5
Fars	84	102	205
Abadeh	1	5	4
Arsanjan	1	1	3
Estahban	2	3	3
Eqlid	3	4	9
Bavanat	3	4	7
Pasargad	2	2	4
Jahrom	4	5	12
Kharameh.....	2	2	5
Khorrambid	2	2	3
Khonj	2	1	4
Darab	4	4	12
Rostam.....	2	2	4
Zarrindasht	2	3	5
Sepidan	3	3	8
Sarvestan.....	2	2	4
Shiraz	3	6	12
Farashband	2	3	4
Fasa	4	6	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	4	4	8
Marvdasht	5	5	15
Mamasani	3	3	9
Mohr	4	5	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, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Takestan	4	5	9
Qazvin	5	7	14
Qom	5	6	9
Qom	5	6	9
Kordestan	31	29	86
Baneh	4	4	8
Bijar	3	5	11
Dehgalan	2	2	5
Divandarreh	3	2	8
Sarvabad	2	2	8
Saqqez	4	2	11
Sanandaj	4	2	12
Qorveh	4	4	10
Kamyaran	2	2	7
Marivan	3	4	6
Kerman	58	71	151
Arzooyeh.....	2	1	5
Anar	1	2	2
Baft	2	2	6
Bardsir	4	5	8
Bam	2	2	4
Jiroft	4	4	14
Rabar.....	2	2	4
Ravar	2	2	3
Rafsanjan	4	5	14
Rudbar-e-Jonub.....	2	2	4
Reegan	2	2	4
Zarand	2	4	11
Sirjan	5	7	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
Kohbonan	2	2	3
Kahnuj	2	1	5
Manujan	2	2	5
Narmashir	2	2	4
Kermanshah.....	31	32	86
Eslamabad-E-Gharb	2	2	7
Paveh	3	5	5
Salas-e-Babajani	2	2	4
Javanrud	2	1	4
Dalahu	2	3	5
Ravansar	2	2	6

1.5. BAKHSHES, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Sar-e-pol-e-Zahab	2	1	8
Sonqor	2	2	8
Sahneh	2	2	7
Qasr-e-Shirin	2	2	4
Kermanshah	5	4	13
Kangavar	1	2	5
Gilan-e-Gharb	2	2	6
Harsin.....	2	2	4
<i>Kohgiluyeh & Boyerahmad</i>	19	17	45
Basht	2	1	4
Bahmaee	2	1	4
Boyerahmad	4	5	11
Cheram.....	2	2	4
Dena	2	2	4
Kohgiluyeh	4	4	10
Gachsaran.....	1	1	4
Lande	2	1	4
<i>Golestan</i>	27	30	60
Azadshahr	2	3	4
Aq Qala	2	2	5
Bandar Gaz	2	2	4
Torkaman	2	1	4
Ramyān	2	4	4
Aliabad	2	4	4
Kordkuy	1	1	3
Kalaleh	2	2	5
Galikesh	2	1	4
Gorgan	2	4	5
Gomishan.....	2	2	4
Gonbad-e-Kavus	2	2	6
Marave-Tapeh.....	2	1	4
Minudasht	2	1	4
<i>Gilan</i>	43	52	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, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Fuman	2	3	6
Lahijan	2	2	7
Langrud	3	5	7
Masal	2	2	4
Lorestan.....	31	25	87
Azna	2	2	4
Aligudarz	5	2	12
Borujerd	2	2	7
Poldokhtar	2	2	7
Khorramabad	4	4	17
Delfan	3	2	10
Dorud	2	2	5
Doreh	3	2	6
Rumeshkan	2	1	4
Selseleh	2	2	6
Kuhdasht	4	4	9
Mazandaran	56	58	131
Amol	5	5	11
Babol	6	7	13
Babolsar	3	3	6
Behshahr	2	3	5
Tonkabon	3	4	7
Juybar	2	2	4
Chalus	2	3	4
Ramsar	1	2	4
Sari	6	4	15
Savadkuh	2	3	4
Savadkuh-e Shomali	2	1	4
Seemorgh	2	1	4
Abbasabad.....	3	3	5
Ferydonkenar	2	1	4
Qaemshahr	1	2	5
Kelardasht.....	1	1	2
Galugah	2	1	4
Mahmoudabad	2	2	5
Miandorood.....	2	1	5
Neka	2	1	5
Nur	3	5	9
Noshahr	2	3	6
Markazi.....	23	33	66
Ashtian	1	1	3
Arak	3	4	11
Tafresh	1	1	4
Khomein	2	2	7
Khondab	2	2	5
Delijan	1	2	4

1.5. BAKHSHES, SHAHRS AND DEHESTANS BY OSTAN AND SHAHRESTAN AT THE END OF THE YEAR 1395 (continued)

Ostan and Shahrestan	Number of Bakhshes	Number of Shahrs	Number of Dehestans
Zarandiyeh	2	5	6
Saveh	2	4	7
Shazand	4	6	9
Farahan	2	2	4
Komeijan	2	2	4
Mahallat	1	2	2
Hormozgan.....	38	39	85
Abumusa	2	1	2
Bastak	3	3	7
Bashagerd	3	2	6
Bandar Abbas	4	5	11
Bandar Lengeh	4	5	8
Parsiyan	2	3	4
Jask	2	1	5
Hajiabad	3	3	6
Khamir	2	2	4
Rudan	4	3	10
Sireek	2	3	4
Qeshm	3	4	7
Minab	4	4	11
Hamedan.....	25	30	73
Asadabad	2	2	6
Bahar	3	4	6
Tuysarkan	2	3	7
Razan	3	3	7
Famenin	2	1	4
Kabudarahang	3	3	10
Malayer	4	6	15
Nahavand	4	4	9
Hamedan	2	4	9
Yazd.....	21	20	45
Abarkuh	2	2	4
Ardakan	3	3	5
Ashkzar	2	2	2
Bafgh	1	1	3
Behabad	2	1	3
Taft	3	2	10
Khatam	2	2	4
Mehriz	1	1	5
Meybod	3	3	5
Yazd	2	3	4

Source: Ministry of the Interior.

1.6. METEOROLOGICAL DATA FROM SYNOPTIC STATIONS IN CAPITALS OF OSTANS FROM THE YEAR OF ESTABLISHMENT TO THE END OF THE YEAR 1393

Capital of Ostan	Year of the establishment	Station characteristics							Height from the sea level (m)
		Geographic longitude and latitude							
		East longitude			North latitude				
		Second	Minute	Degree	Second	Minute	Degree		
Arak	1328	0	47	49	19	4	34	1702.8	
Ardebil	1355	43	19	48	5	13	38	1335.2	
Orumiyyeh	1330	19	3	45	31	39	37	1328	
Esfahan	1330	22	42	51	3	31	32	1550	
Ahvaz	1330	39	44	48	41	20	31	22.5	
Ilam	1361	52	23	46	16	35	33	1337	
Bojnurd	1355	12	18	57	14	29	37	1112	
Bandar Abbas	1335	22	22	56	53	12	27	9.8	
Bushehr	1330	16	49	50	14	54	28	6	
Birjand	1334	1	17	59	26	53	32	1491	
Tabriz	1327	33	14	46	20	7	38	1345	
Tehran	1321	34	18	51	36	41	35	1191	
Khorramabad	1328	1	17	48	20	26	33	1147.8	
Rasht	1334	27	37	49	21	19	37	24.8	
Zahedan	1330	1	54	60	20	28	29	1370	
Zanjan	1335	18	31	48	37	39	36	1659.4	
Sari	1378	12	59	52	12	32	36	23	
Semnan	1342	17	25	53	18	35	35	1127	
Sanandaj	1338	53	0	47	16	15	35	1373.4	
Shahr-e-Kord	1334	22	50	50	14	54	28	2050	
Shiraz	1336	9	36	52	41	33	29	1488	
Qazvin	1334	41	3	50	42	15	36	1279.1	
Qom	1364	19	51	53	29	46	34	879.1	
Karaj	1352	14	57	50	25	48	35	1292.9	
Kerman	1328	45	57	56	22	15	30	1754	
Kermanshah	1321	12	9	47	8	21	34	1318.5	
Gorgan	1331	49	24	54	18	54	36	0	
Mashhad	1328	52	37	59	11	14	36	999	
Hamedan	1354	5	32	48	10	52	34	1740.8	
Yasuj	1365	18	33	51	55	41	30	1816.3	
Yazd	1331	23	31	48	37	39	36	1230.2	

1.6. METEOROLOGICAL DATA FROM SYNOPTIC STATIONS IN CAPITALS OF OSTANS FROM THE YEAR OF ESTABLISHMENT TO THE END OF THE YEAR 1393 (continued)

Capital of Ostan	Air temperature (°C)					Average annual precipitation (mm)	Max. daily precipitation (mm)
	Average max	Average min	Mean	Absolut min	Abolute max		
Arak	20.8	7.2	13.7	-30.5	44	326.6	80
Ardebil	15.8	3.4	9.3	-33.8	39.8	289.1	63
Orumiyeh	17.8	5.4	11.2	-22.8	39.2	327.1	79
Esfahan	23.5	9.1	16.3	-19.4	43	124.9	48
Ahvaz	32.9	17.9	26.1	-7	54	216.4	107
Ilam	22.9	11.2	17.1	-13.6	42	557.4	162
Bojnurd	20.1	7	13.2	-25	42.3	255.1	54.3
Bandar Abbas	32.1	21.8	27.2	2	51	168.9	128
Bushehr	28.1	21.2	24.8	3	47	254	168
Birjand	24.8	8.6	16.8	-21.5	44	163.5	52
Tabriz	18.3	7.2	12.1	-25	42	272.2	63
Tehran	22.6	12	17.3	-15	43	228.8	50.4
Khorramabad	25.4	9.1	17.3	-14.6	47	487.1	78
Rasht	20.8	11.6	16.1	-19	40	1322.6	170
Zahedan	26.7	10.2	18.6	-22	43	84.9	52
Zanjan	18.2	4.2	11.5	-30	43	311.8	50.6
Sari	22.5	13.3	17.4	-6	40.6	752.6	85.4
Semnan	23.7	12.5	18.2	-12.6	44	137.8	41
Sanandaj	21.9	5.9	14.3	-31	44	437.9	73
Shahr-e-Kord	20.2	3.1	12.2	-32.4	42	311.5	88.8
Shiraz	25.8	9.9	18	-14	43.2	329.3	128
Qazvin	21.2	7	14.2	-24	43	310.2	50
Qom	25.6	10.6	18.3	-23	47	131.9	43
Karaj	21.1	8.7	15.4	-17	42	248.6	57
Kerman	24.7	7	17	-30	42	138.3	60
Kermanshah	23	6.2	14.9	-27	44.1	415	108
Gorgan	23	12.7	17.5	-11.8	45	562.6	105
Mashhad	21.6	7.5	14.1	-28	43.8	248.1	52
Hamedan	19.7	3.8	12	-32.8	40	309.2	56
Yasuj	22.3	7.5	14.6	-19	40.4	783.4	135
Yazd	26.7	19.6	19.6	-16	45.6	57.4	48

1.6. METEOROLOGICAL DATA FROM SYNOPTIC STATIONS IN CAPITALS OF OSTANS FROM THE YEAR OF ESTABLISHMENT TO THE END OF THE YEAR 1393(continued)

Capital of Ostan	Mean of relative humidity (%)		Average number of frosty days	Average total bright sunshine (hours)	Max. wind speed (mps)
	Max.	Min.			
Arak	63	30.9	84	2825	60
Ardebil	89	52.5	111	2424.7	37
Orumiyeh	78.2	41.2	106	2671.8	40
Esfahan	57.9	23	71	3029.6	30
Ahvaz	63	27.3	3	2723.3	35
Ilam	54.3	26.3	38	2786.3	25
Bojnurd	79.6	39	83	2618	45
Bandar Abbas	81.7	46.6	0	2862.6	30
Bushehr	80	54.1	0	2825.8	30
Birjand	52.8	21.3	71	3078	26
Tabriz	70.6	35.9	85	2680.6	38
Tehran	55.5	27.1	44	2856.4	30
Khorramabad	64.5	28.3	48	2834.5	30
Rasht	95.5	65.9	21	1480.2	31
Zahedan	49.3	18.3	52	3035.9	41
Zanjan	74.7	36.2	118	2744.1	28
Sari	91.9	59.6	8	1968.9	25
Semnan	53.8	29.2	42	2925.9	26
Sanandaj	69.8	28.3	94	2788.4	70
Shahr-e-Kord	67.1	29	123	3006.8	25
Shiraz	60.3	23.5	43	3127.4	30
Qazvin	72.9	32.1	80	2752.4	39
Qom	60.6	26.6	53	3005.8	31
Karaj	69.2	31.5	60	2859.1	30
Kerman	50.8	18.8	87	3051	50
Kermanshah	65.6	28.4	87	2736.2	31
Gorgan	85.5	52.8	17	1980.5	31
Mashhad	72.9	35.5	77	2752	23
Hamedan	74.3	33.8	109	2666.2	31
Yasuj	65.6	24.7	65	3072	30
Yazd	45.1	19	46	3076.7	33

Source: I. R. I. Meteorological Organization.

1.7. METEOROLOGICAL DATA OF CAPITALS OF OSTANS, THE YEAR 1395

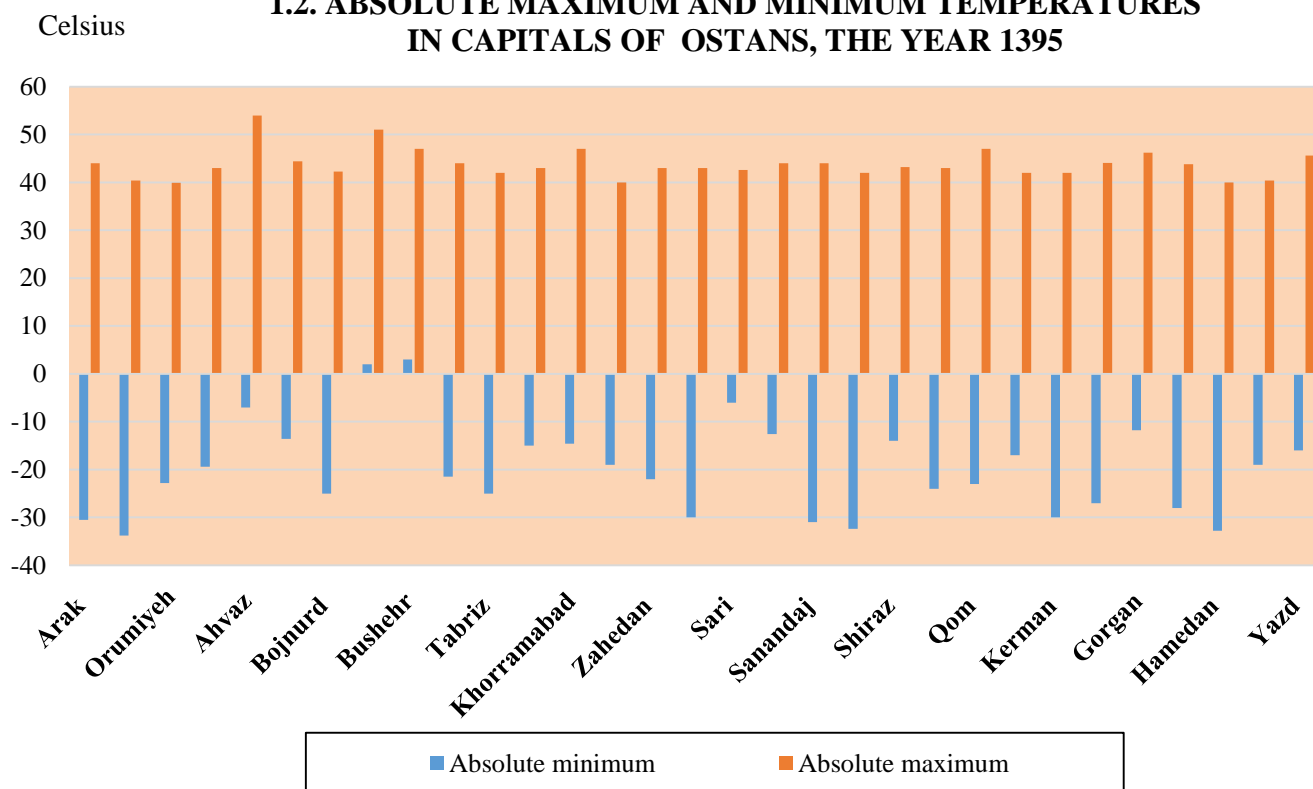
Capital of Ostan	Air temperature (°c)					Annual precipitation (mm)
	Average max	Average min	Mean	Absolut min	Absolut max	
Arak	20.9	7.1	14	-30.5	44	373.5
Ardebil	15.6	3.2	9.4	-33.8	40.4	230.2
Orumiyeh	17.8	5.4	11.6	-22.8	39.9	286
Esfahan	23.6	9.2	16.4	-19.4	43	71.1
Ahvaz	33.1	18	25.5	-7	54	113.1
Ilam	22.8	11.1	16.9	-13.6	44.4	449.1
Bojnurd	19.9	6.9	13.4	-25	42.3	275.8
Bandar Abbas	32.2	21.8	27	2	51	148.5
Bushehr	28.5	21.6	25.1	3	47	80.1
Birjand	24.6	8.4	16.5	-21.5	44	97.3
Tabriz	18.2	7	12.6	-25	42	263
Tehran	22.8	12.1	17.5	-15	43	193.6
Khorramabad	25.3	9.1	17.2	-14.6	47	562.5
Rasht	20.6	11.5	16.1	-19	40	1478.7
Zahedan	26.8	10.3	18.6	-22	43	55.1
Zanjan	18.3	4.2	11.2	-30	43	230
Sari	22.6	13.4	18	-6	42.6	824.4
Semnan	23.9	12.6	18.2	-12.6	44	127.7
Sanandaj	21.7	5.7	13.7	-31	44	317
Shahr-e-Kord	20.2	3.1	11.6	-32.4	42	317.4
Shiraz	25.8	9.9	17.8	-14	43.2	283.9
Qazvin	21.3	7	14.1	-24	43	297.1
Qom	25.9	10.8	18.4	-23	47	138.9
Karaj.....	21.4	8.9	15.2	-17	42	211.1
Kerman	24.9	7.1	16	-30	42	98.3
Kermanshah	22.9	6.2	14.5	-27	44.1	457.1
Gorgan	22.9	12.7	17.8	-11.8	46.2	491.1
Mashhad	21.3	7.5	14.4	-28	43.8	286.8
Hamedan	19.5	3.6	11.5	-32.8	40	344
Yasuj	22.6	7.7	15.2	-19	40.4	532.5
Yazd	26.7	12.1	19.4	-16	45.6	23.7

1.7. METEOROLOGICAL DATA OF CAPITALS OF OSTANS, THE YEAR 1395 (continued)

Capital of Ostan	Max. daily precipitation (mm)	Mean of relative humidity (%)		Number of frosty days	Number of dusty days	Bright sunshine (hours)	Max. wind speed (mps))
		Max.	Min.				
Arak	46.5	62	25	91	84	3026.8	22
Ardebil	16.2	88	52	111	13	2596.5	25
Orumiyeh	19.4	78	39	117	17	2891.2	20
Esfahan	13.5	48	16	56	45	3477.8	19
Ahvaz	23	57	21	1	91	3202.2	21
Ilam	53.1	54	22	56	90	3153.5	20
Bojnurd	22	82	38	96	39	2825.4	19
Bandar Abbas	18.5	84	47	0	122	3106.3	16
Bushehr	18.1	79	53	0	43	3164.9	26
Birjand	18.6	44	14	64	43	3435	15
Tabriz	23.3	69	35	106	36	2818.5	17
Tehran	28.4	50	21	28	18	3110.1	32
Khorramabad	89.3	62	21	61	64	3142.3	18
Rasht	85.4	97	67	18	0	1672.6	20
Zahedan	19.4	40	16	37	111	3371.5	19
Zanjan	18.6	71	35	101	20	2903.6	20
Sari	63	94	60	17	0	2016	22
Semnan	29.8	46	23	50	7	3226	17
Sanandaj	26.6	68	23	101	40	3173	13
Shahr-e-Kord	63.2	62	20	136	56	3282.8	26
Shiraz	49.5	55	16	27	54	3354.6	18
Qazvin	21.4	74	30	91	14	3011.2	22
Qom	14.2	57	25	64	64	3214.1	27
Karaj.....	26.8	67	28	67	33	3109.6	16
Kerman	16.7	42	12	59	15	3331.4	21
Kermanshah	53.4	57	19	80	40	2993.4	15
Gorgan	44.1	93	54	38	2	2369	24
Mashhad	40.9	67	30	62	10	3001.5	16
Hamedan	26.8	66	26	125	24	3201.8	22
Yasuj	72.4	61	18	49	44	3349.8	15
Yazd	6.2	38	14	24	78	3486.9	24

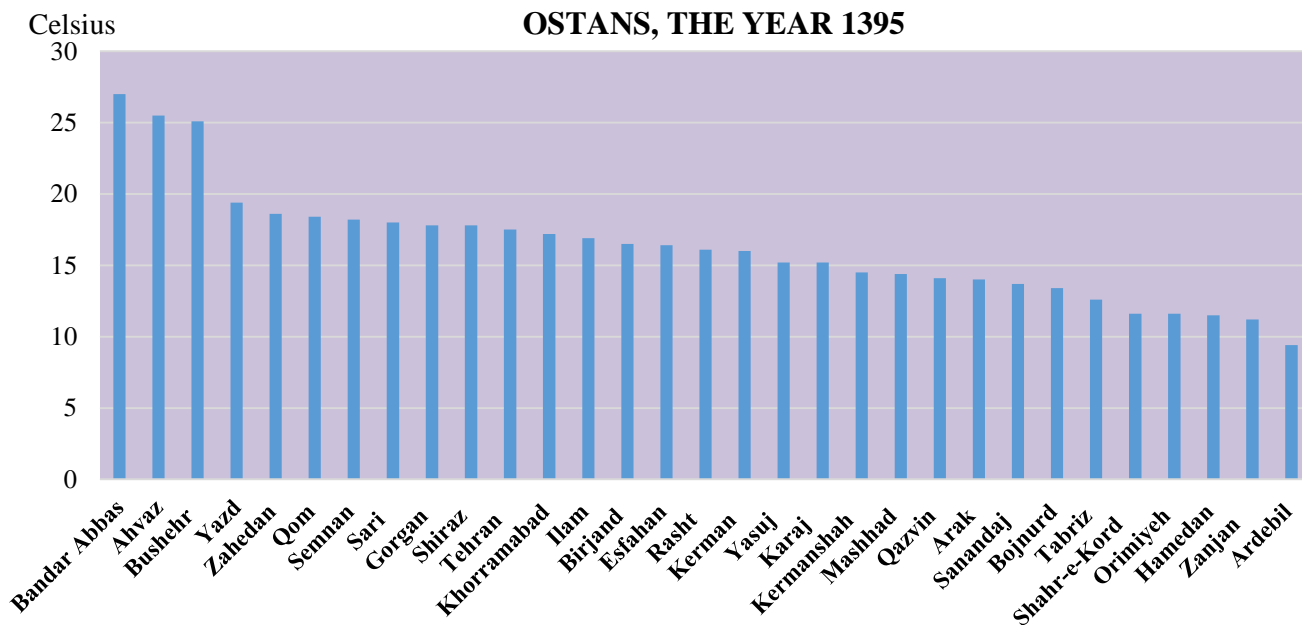
Source: I. R.I. Meteorological Organization.

1.2. ABSOLUTE MAXIMUM AND MINIMUM TEMPERATURES IN CAPITALS OF OSTANS, THE YEAR 1395



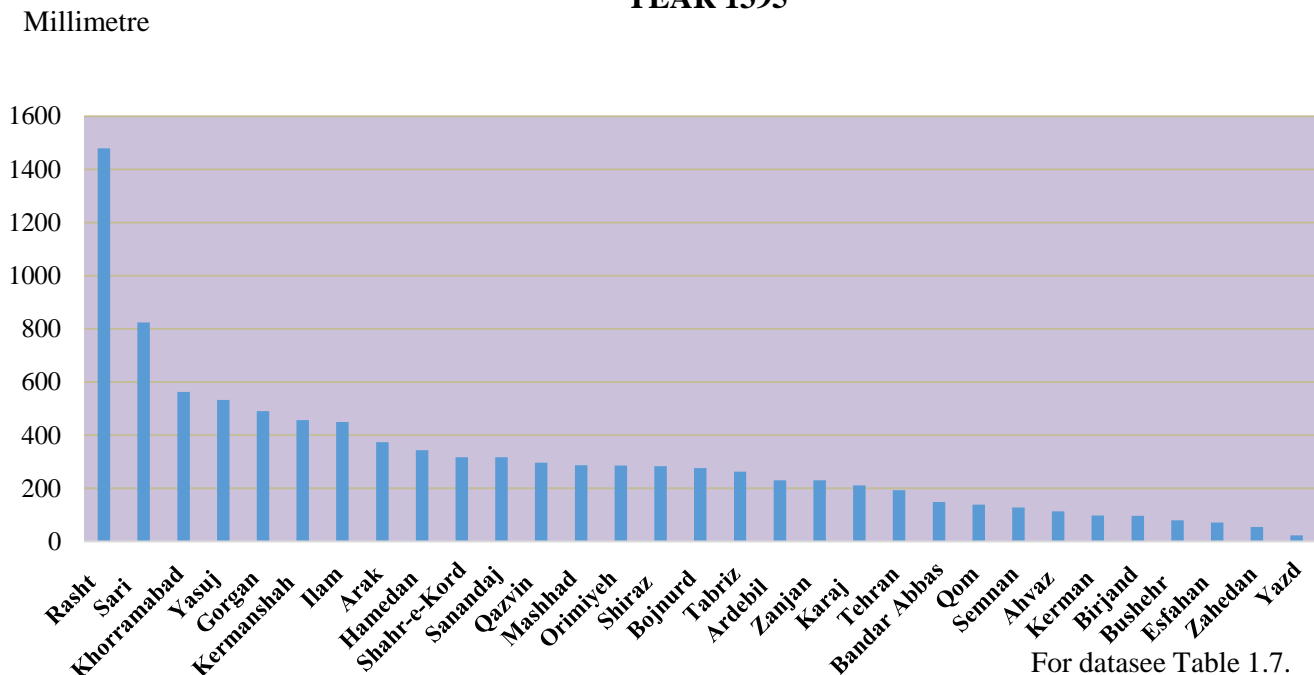
For data see Table 1.7

1.3. AVERAGE ANNUAL TEMPERATURE IN CAPITALS OF OSTANS, THE YEAR 1395



For data see Table 1.7

1.4. ANNUAL RAINFALL IN CAPITALS OF OSTANS, THE YEAR 1395



1.8. HIGHEST MAXIMUM TEMPRETURE, LOWEST MINIMUM TEMPRETURE AND AVERAGE MONTLY TEMPRETURE IN CAPITALS OF OSTANS, THE YEAR 1395 (°c)

Capital of Ostan	Farvardin			Ordibehesht			Khordad		
	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp
Arak	21.2	-3	10.4	32.4	2.6	18	34.6	9.8	22.5
Ardebil	20.4	-5.6	7.6	30.2	-1.4	14.7	31.8	4.2	17
Orumiyeh	21.2	-3.2	9.3	27.8	3.2	16	30	6.8	18.8
Esfahan	24.6	3	14.5	35.4	6.8	22.3	37.2	15.4	26.2
Ahvaz.....	35.6	10.3	22.6	45.8	16.8	31.8	47.8	22.6	34.5
Ilam	23.2	0.8	12	34.3	7.7	20	36	10.8	23.4
Bojnurd	27.6	-1	11.2	33.6	3	18.3	37.4	9.4	22.1
Bandar Abbas	32.8	15	24.3	40.5	20	29.8	40.5	24.1	31.9
Bushehr.....	32.1	13.8	22.6	41.1	19.8	29	41.5	24.9	31.3
Birjand	28.5	0	15.8	36.9	4.2	22.6	39.6	13.8	26.5
Tabriz	20.4	-3.8	9.1	28.6	2.4	16.2	32.2	10	20.6
Tehran.....	24.4	2.4	14.4	35	9	23.3	37.8	15	27.1
Khorramabad	23.4	0	11.8	37	4.5	19.7	38	8.3	23.4
Rasht	30	4.6	13.6	36	10.4	19.3	32.2	15	23.4
Zahedan	31.6	5	19.1	39.5	9.2	25.2	41.5	16	28.9
Zanjan	21	-4.1	9.5	31.9	0.4	16.5	33.5	7.5	19.9
Sari	29.4	5.4	15	40.2	10.8	21	34.4	15.4	24.1
Semnan	25	4.6	15.1	36.8	8.6	24.7	38.4	16.7	28.2
Sanandaj	22.4	-2	10.4	33	2	16.8	35.4	6.2	21.1
Shahr-e-Kord	20.2	-6.6	8.4	31.1	-1	14.8	33.9	1.2	17.2
Shiraz	26.6	0.6	14.7	37	5.6	22.8	38.4	8.6	26
Qazvin	22.5	-1.6	10.7	33.8	2.9	18.5	35.7	7.4	22.4
Qom	28.6	3.3	16.1	39.8	9.1	24.6	42.1	15	28.2
Karaj.....	22.6	0.5	11.9	34	5.1	19.9	36.3	8.7	23.8
Kerman	28	0.4	15	36.6	3.2	21.2	37.9	12.2	25.3
Kermanshah	21.3	-1.7	10.4	31.7	3.2	17.1	35.8	6.1	21.4
Gorgan	28.5	1.6	13.9	37.8	4.8	20.9	39	13.4	25.2
Mashhad	29.1	2.2	14.1	34.8	7.4	21.4	40.7	13.4	25.6
Hamedan	18.8	-4.9	8.2	30.9	-0.7	15.1	33.3	5.3	18.7
Yasuj	22.4	-1.2	10.8	33.4	3.4	18.4	35.2	8.4	21.5
Yazd	30.8	4.8	18.6	38.8	11.9	26.2	40.9	19.8	30.1

1.8. HIGHEST MAXIMUM TEMPRETURE, LOWEST MINIMUM TEMPRETURE AND AVERAGE MONTLY TEMPRETURE IN CAPITALS OF OSTANS, THE YEAR 1395
(continued)

(°c)

Capital of Ostan	Tir			Mordad			Shahrivar		
	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp
Arak	39	16	27.8	39.8	14.4	27	36.6	9.8	24.2
Ardebil	36.4	7.9	19.6	35.8	7.2	19.7	32.3	3	18.5
Orumiyeh	37.6	12.4	23.7	36.4	12.6	24.3	35.8	7.8	21.2
Esfahan	40.6	18.6	30.3	40.8	16.4	28.7	37.6	14.6	26.3
Ahvaz.....	50.4	27.8	39	50.4	26.4	38.6	49.1	22	36.2
Ilam	41.6	18.6	29.7	41.3	19.2	30.4	40.6	12.5	27.4
Bojnurd	39	11.6	25.3	38.2	11.2	24.2	35.2	9.8	22.5
Bandar Abbas	46.5	27.1	34.8	45	27.5	35	44.6	25.3	33.4
Bushehr.....	41.3	27.9	33.8	43	29.2	35.6	42.7	26.7	34
Birjand	41.6	14.2	27.5	41.2	12.1	26.2	37.7	9.1	24.3
Tabriz	38.4	15.6	26.2	39.4	17	28.6	37.4	11	24.5
Tehran.....	41.2	19.8	30.7	40.4	22	30.4	38	17.2	28.2
Khorramabad	43.4	14.3	29.5	43.4	16.5	30.2	40.8	8.4	26.3
Rasht	33.6	18	26	35	19	26.8	34.6	16	25.3
Zahedan	41.5	16	28.9	41.2	15.7	28.1	37.4	13.2	25.3
Zanjan	39.3	12.1	24.7	39.2	10.8	25.6	37.2	7	22.6
Sari	35.5	19	27.1	37	21.4	28.4	36	18.2	27
Semnan	42.4	21.6	32	41.8	20.4	30.6	38.6	17.8	28.4
Sanandaj	41.6	15	28.6	41.8	13	28.5	39.8	7	24.3
Shahr-e-Kord	36.7	9.1	23.3	37.4	7.7	22.4	33.7	1.5	19.2
Shiraz	41.2	19	30.5	41.2	18.4	29.8	38.6	12	26.7
Qazvin	41.7	14.1	27	40.8	14.1	26.7	38.3	9.1	24.4
Qom	45.2	18.4	32.8	44.9	16.9	31.2	42.1	13.7	28.6
Karaj.....	40.7	14.9	27.3	39.3	16	27.3	36.6	11	24.9
Kerman	40.9	12.8	27.3	40.3	10.7	25.5	36.6	10.3	24
Kermanshah.....	42.3	14.2	28.1	42.2	14.4	28.2	40	8.4	25.3
Gorgan	42.2	19.6	28.5	40.4	19.9	29	37.2	15.5	26.9
Mashhad	40.7	16.8	28.3	39.1	16	27	36.6	15	25
Hamedan	38.7	11.3	25.2	38.5	10	24.9	36.5	5	21.7
Yasuj	38	15.4	26.9	38.4	14.6	26.4	36	9	23.6
Yazd	43.7	22.1	33	43.8	18.7	31.2	40.4	18.9	29.6

1.8.HIGHEST MAXIMUM TEMPRETURE, LOWEST MINIMUM TEMPRETURE AND AVERAGE MONTLY TEMPRETURE IN CAPITALS OF OSTANS, THE YEAR 1395
(continued)

(°c)

Capital of Ostan	Mehr			Aban			Azar		
	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp
Arak	33	4.6	17.6	24.6	0.2	12.6	16.6	-14	3.6
Ardebil	29	0.6	12.2	22.2	-8	7.2	14.6	-18.2	-0.2
Orumiyeh	28	0.6	14.1	21.6	-5.2	8.6	13.6	-12.5	-0.3
Esfahan	34.6	8	20.6	27.4	2.2	14.7	20.2	-7.4	6
Ahvaz	43.5	15.9	29.1	36.6	10	23.6	25.6	2.9	15
Ilam	32.2	8.4	20.5	27.9	2.9	16.4	19.1	-4.4	6.9
Bojnurd	34.2	2.2	15.9	27.8	-1.8	10.1	22.6	-14.4	2.6
Bandar Abbas	40.1	21.6	31.1	37.5	15	26.3	30.9	7.2	20.9
Bushehr	36.3	20.5	28.8	33.6	17	25.4	29.3	10.3	19.6
Birjand	36.2	4.5	20.4	27.9	-1.1	13.9	25.1	-11.5	7.8
Tabriz	28.8	1.8	16	20.8	-4	9.1	11.6	-13.6	-0.3
Tehran	34.6	10.8	21.4	25	3.6	15.2	16.8	-7.2	5.3
Khorramabad	33.4	7.2	19.8	27.8	3.5	15.6	18.6	-6.5	7.4
Rasht	30.2	11.4	19.8	21.6	4.8	12.9	24.8	-3.6	7.5
Zahedan	38.3	7.3	22.4	28.5	0.4	15.8	27.2	-3.6	10.6
Zanjan	30.2	0.2	15.6	23.6	-2.5	11.2	16	-14.7	2
Sari	31	8.8	20.5	23.8	5.4	14.8	24.4	-3.8	8
Semnan	35.1	10.2	22.1	26.5	5.8	15.4	19.2	-9	4.4
Sanandaj	32	0.8	17	26	-1.6	12.8	15.7	-12.4	3.5
Shahr-e-Kord	30.8	-3.7	13.6	24.8	-7.2	10.1	16.7	-12.8	3.4
Shiraz	35.4	8	21.5	28.4	2.6	16.2	23.4	-4.8	10.5
Qazvin	33.7	3.1	17.7	26.5	-1.2	12.6	17.4	-13	3.1
Qom	38.4	7.8	21.6	31	2	14.8	20.1	-11	5
Karaj.....	33.9	4.9	18.6	25	1.1	13.3	16.6	-11	3.4
Kerman	36.5	5.8	20.4	28.4	-3.1	13.8	25.6	-8.9	7.9
Kermanshah	32.4	2.3	18.2	26.7	-0.7	14.1	16.3	-8	5.2
Gorgan	32.2	7.8	19.8	24.6	2.8	14.1	24.6	-5.9	6.8
Mashhad	37.2	3.2	17.8	29.7	0.1	12.1	25.1	-11.7	5
Hamedan	29.6	-0.4	14.5	23.3	-6.7	10.7	15.9	-18	1.8
Yasuj	32.2	5.4	18.2	26	0.4	13.9	20.6	-3.8	7.3
Yazd	38.2	12	23.8	30.4	5.9	17.9	28.5	-3.9	9.8

1.8. HIGHEST MAXIMUM TEMPRETURE, LOWEST MINIMUM TEMPRETURE AND AVERAGE MONTHLY TEMPRETURE IN CAPITALS OF OSTANS, THE YEAR 1395 (continued) (°c)

Capital of Ostan	Dey			Bahman			Esfand		
	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp	Highest max. Temp	Lowest min. Temp	Mean Temp
Arak	17.2	-7.8	4.1	15.2	-10.6	1.3	17.8	-14.2	4.3
Ardebil	10.6	-20.5	0.5	8.3	-21.3	-3.8	15.6	-16.2	4.1
Orumiyeh	4.2	-13.4	-4.7	6.6	-15.6	-3.7	16.3	-16.2	3.1
Esfahan	19.6	-5.8	6.6	15.8	-8.2	5.4	21	-4.4	9.4
Ahvaz	25.9	4.2	15	25.2	-0.6	13.4	30.5	3.1	18.6
Ilam	18.6	-3.8	7	13.6	-9.2	3.6	22.5	-6.3	8.9
Bojnurd	14.8	-8	2.3	11.2	-10.2	0.7	22.2	-12.4	6.3
Bandar Abbas	29.9	8.6	19.9	26.7	5	18.6	33.7	10.9	21.8
Bushehr	26.6	9.5	17.9	24.6	3	16.1	27.2	7.3	18.8
Birjand	24.3	-9.8	6.3	17.6	-12.6	7	23.3	-5.9	9.5
Tabriz	5.4	-16.1	-5.2	6.7	-16	-3.2	15	-13.6	4.1
Tehran	15.5	-0.5	6.1	13.8	-5.4	4.5	18.4	-4	9.7
Khorramabad	17.5	-3.6	6.9	15.4	-11.5	4.6	22.8	-3.6	9.5
Rasht	15.8	0.2	7.6	21.6	-5.8	4.6	20.2	-7	9.1
Zahedan	28.6	-7.8	10	22.3	-7.4	10.4	26.1	-3.4	13
Zanjan	13	-10.3	1.7	9	-15.6	-0.5	16.1	-14.4	4.3
Sari	22.2	-0.4	8.6	19.6	-1.8	6.9	22.2	-2.4	10.7
Semnan	16.1	-2.4	5.4	15.4	-3.8	4.8	22.2	-3.4	10.5
Sanandaj	16.6	-8.8	3.5	12.2	-15.4	0.9	19.4	-11.4	5.6
Shahr-e-Kord	17.6	-18.3	3.4	12.3	-12.7	1.5	18	-10.5	4.1
Shiraz	24.2	-3.6	10.8	17.6	-6	7.8	24	-1.6	11.1
Qazvin	12.5	-6.9	3.6	11.4	-8.5	1.5	17.1	-9.7	7
Qom	16.3	-5.3	5.7	15.5	-6	5.2	23	-4.8	10.4
Karaj.....	14.7	-4.7	4.6	11.2	-7.6	2.2	18.1	-6.9	7.7
Kerman	25.5	-9.6	8.6	20.8	-8.6	7.5	23.8	-4.1	10.4
Kermanshah	16.1	-6.4	5.2	12.6	-10.6	2	20.4	-9.6	7.4
Gorgan	21.2	-3.2	7.8	19.3	-2.4	6.3	27.5	-4	10.5
Mashhad	17.8	-5.1	5.2	19.6	-12.8	2.5	25	-13	7.5
Hamedan	14.6	-9.7	1.9	11	-12.2	-0.7	16.3	-20.2	3.1
Yasuj	22	-5.2	8.2	14.6	-9.4	4.7	20.2	-4.6	8.2
Yazd	27.8	-2.3	9	23.2	-5.3	8.9	25.8	-2.1	13.2

Source: I. R. I. Meteorological Organization.

1.9. TOTAL PRECIPITATION IN CAPITALS OF OSTANS BY MONTH , THE YEAR 1395
(mm)

Capital of Ostan	Farvardin	Ordibehesht	Khordad	Tir	Mordad	Shahrivar
Arak	105.7	9.7	0	0	0	0
Ardebil	54.8	28.9	14.2	2.2	1.2	6.4
Orumiyeh	63.6	51.9	28.9	5.1	0	0
Esfahan	24.4	10.4	0	0	0	0
Ahvaz.....	40.8	0.3	0	0	0	0
Ilam	156.4	30.4	0	0	0	0
Bojnurd	44.6	29.3	27.1	0.2	2.4	22.5
Bandar Abbas	26.9	0	0	1.3	0	0
Bushehr.....	5.9	0	0.1	0	0	0.2
Birjand	16.6	4.6	10.5	0	0	0
Tabriz	68.7	46.1	29.7	10.4	0	4.7
Tehran.....	40.8	10.4	0	0	0	0
Khorramabad	243.1	17.2	0	0	0	0
Rasht	99.1	16	41.5	108	44.2	154.9
Zahedan	12	2	0.6	0	0	0
Zanjan	63.2	28.1	14	3.5	0	0
Sari	97.5	25.5	80.7	63.9	45.2	62.2
Semnan	21.9	29.8	4.5	0	0	0.2
Sanandaj	83.4	34.8	0	0.2	0	0
Shahr-e-Kord	100.7	9.3	0	0	0	0
Shiraz	26.6	2.9	0	0	0	0
Qazvin	98.2	24	2.7	1.7	0.2	0
Qom	30.8	6.5	0	0	0	0
Karaj.....	78.1	13	0	0.2	0	0
Kerman	18.2	7.5	0.1	0	2.2	0
Kermanshah	164	54.4	0.3	0	0	0
Gorgan	99.7	24.6	64.9	25.4	18.5	27.5
Mashhad	94.5	37.8	11.2	0	5.4	3.2
Hamedan	96.3	20.5	10.8	0	0	0
Yasuj	117.7	18.8	0	0	0.2	0
Yazd	7.2	2.8	0	0	0	0

1.9. TOTAL PRECIPITATION IN CAPITALS OF OSTANS BY MONTH, THE YEAR 1395
(continued)
(mm)

Capital of Ostan	Mehr	Aban	Azar	Dey	Bahman	Esfand
Arak	3.7	13.7	53.2	64.4	87.5	35.6
Ardebil	4.8	40.3	29.2	3.4	35.4	9.4
Orumiyeh	0	29.5	48.3	10.2	38.4	10.1
Esfahan	0	0.1	11.2	2.6	11.4	11
Ahvaz	0	0.01	21.3	19.9	6.6	24.1
Ilam	2.5	0.2	18	75	84.5	82.1
Bojnurd	2.4	14.8	23.5	16.2	65.5	27.3
Bandar Abbas	0	0	0.1	0	107.6	12.6
Bushehr	0	2.3	3.8	1.8	48.4	17.6
Birjand	0	0	4.8	4.5	53.6	2.7
Tabriz	1.1	37.4	33	14.5	6.6	10.8
Tehran	0	8.4	17.4	46.6	53.6	16.4
Khorramabad.....	0	8.6	66.2	82.1	101	44.3
Rasht	234.6	180.9	255.9	23.7	288.5	31.4
Zahedan	0	0	0.01	0	19.4	21
Zanjan	0.1	22.6	22.1	8.6	26.8	41
Sari	156.1	54.5	74.7	7.8	141.6	14.7
Semnan	0	1.2	6.7	29.8	28	5.6
Sanandaj	0	14.2	26	27.7	59.2	71.5
Shahr-e-Kord	1.7	2.6	93.4	37.6	51.7	20.4
Shiraz	0	0.5	16.2	4.3	176.1	57.3
Qazvin	0	17.1	12	38.2	64.1	38.9
Qom	0	1.6	6.5	27.6	44.9	21
Karaj.....	0	3.7	7.4	44	44.8	19.9
Kerman	0	0	2	0	53.7	14.6
Kermanshah	0	0.9	14.6	75.4	79	68.5
Gorgan.....	37.5	60.4	33.1	3.8	75.8	19.8
Mashhad	0	0.4	14.2	2.3	100	17.8
Hamedan	0	5.6	12.6	57.5	66.9	73.8
Yasuj	0	0.3	119.3	20.1	179.5	76.6
Yazd	0	0	0.6	2.8	9	1.3

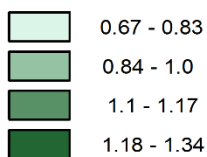
Source: I. R. I. Meteorological Organization.

1.5. AVERAGE PRECIPITATION HEIGHT RATIO IN OSTANS IN THE YEAR 1395 TO THE LONG -TERM AVERAGE



For Data See Tabel 1.13

Average Precipitation height ratio



**1.10. TOTAL MONTHLY HOURS OF BRIGHT SUNSHINE IN CAPITALS OF OSTANS,
THE YEAR 1395 (hour)**

Capital of Ostan	Farvardin	Ordibehesht	Khordad	Tir	Mordad	Shahrivar
Arak	209.6	288.3	351.2	305.9	347.1	303.5
Ardebil	161.5	198.2	270.7	315.4	315.2	282.7
Orumiyeh	201.2	276.6	289.4	358.2	369.5	323.1
Esfahan	261	307.5	383.1	365.9	369	340.2
Ahvaz	256.3	308.9	352.6	337.4	351.7	319.3
Ilam	239.5	281.5	348.1	350.4	349.2	304.2
Bojnurd	192.8	243.3	326.9	358.5	351.5	320.4
Bandar Abbas	221.2	320.1	336.8	304.5	304.4	288.6
Bushehr	239.6	300.5	340.9	326	323.4	295.2
Birjand	226.8	305.6	349	385.3	374.8	341.4
Tabriz	176.3	263.1	305	345.4	353.8	320.2
Tehran	219	290.6	339.3	349.6	363.3	332.2
Khorramabad	231.4	280.3	343.2	354.5	351.2	312.5
Rasht	91.2	130.6	229.2	230	245.3	185.7
Zahedan	214.8	296.5	326.9	341	342.8	333.2
Zanjan	187	236.2	318.6	350.3	365.3	328.4
Sari	137.3	154.2	243.9	227.1	252.2	217.3
Semnan	228.6	295.2	365.7	343.5	352.7	326.9
Sanandaj	207.5	271.5	356	370.6	358	318.5
Shahr-e-Kord	253.8	295.2	377.5	323.1	336.7	310.1
Shiraz	257.2	319.3	376.3	340.9	326.6	320.8
Qazvin	196	256.4	330.5	343.8	362.7	323.1
Qom	220	284.6	355.1	359.6	370.2	336.4
Karaj	214.6	278.8	350.1	339.2	359.6	333.3
Kerman	243.6	286.1	319.8	369.9	351.5	324.9
Kermanshah	210.5	250.3	335.6	342.5	347.6	312.3
Gorgan	152.2	218.2	263.5	266.7	291	269.7
Mashhad	202.6	266.7	303.4	388.4	377.2	338.7
Hamedan	224	278.1	373.1	354.6	364.7	328.7
Yasuj	239.9	310.9	392.3	338.8	345.5	330.1
Yazd	257.2	306.6	370.7	373.1	364.8	340

**1.10. TOTAL MONTHLY HOURS OF BRIGHT SUNSHINE IN CAPITALS OF OSTANS,
THE YEAR 1395(continued) (hour)**

Capital of Ostan	Mehr	Aban	Azar	Dey	Bahman	Esfand
Arak	291.8	205.2	186.5	174.1	161.6	202
Ardebil	195.3	144.7	170.8	212	120.9	209.1
Orumiyeh	284.3	196.8	192.3	89	129.3	181.5
Esfahan	297.5	250	212.3	231.6	217.1	242.6
Ahvaz	274.9	236.4	193.3	167.5	179.1	224.8
Ilam	302.9	213.6	203.8	164	172.1	224.2
Bojnurd	252	169.8	157.7	140.3	92.8	219.4
Bandar Abbas	263.6	268.3	209	225.4	157.7	206.7
Bushehr	289.3	265.2	174.2	225.3	175.2	210.1
Birjand	302	277.3	204.7	231.4	169.3	267.4
Tabriz	272.4	181.2	172.3	113	129.6	186.2
Tehran	280.5	201	183.8	183.5	156.9	210.4
Khorramabad	277.1	220	204.3	157.6	184	226.2
Rasht	92.2	65.1	107.4	82	89.7	124.2
Zahedan	293.2	292.1	246	264.9	167	253.1
Zanjan	288.9	181	164.4	158.9	120.9	203.7
Sari	167.2	94.7	140.7	128.6	103.8	149
Semnan	291.5	220.6	195.7	199.3	172.2	234.1
Sanandaj	297	224.7	213.8	188.2	151	216.2
Shahr-e-Kord	284.9	241.4	206.9	216.3	196.2	240.7
Shiraz	303	278.7	193.2	241.7	173	223.9
Qazvin	286.9	193.9	199.1	184.9	137.8	196.1
Qom	292.4	222.2	197.2	187.1	167	222.3
Karaj	288.8	193.7	189.5	191.3	162.5	208.2
Kerman	300.5	284.8	211.2	252	152.8	234.3
Kermanshah	289.1	204.2	202.5	149.4	142.6	206.8
Gorgan	192.3	129.5	135.3	151.2	118.1	181.3
Mashhad	255.6	212.4	169.4	161.1	102.6	223.4
Hamedan	301.7	224.3	206.1	192	159.4	195.1
Yasuj	317.4	274.4	164.1	223.5	181.9	231
Yazd	303.9	264.5	210	238.5	202.1	255.5

Source: I. R. I. Meteorological Organization.

1.11. MAXIMUM WIND SPEED IN CAPITALS OF OSTANS BY MONTH, THE YEAR 1395
 (mps)

Capital of Ostan	Farvardin	Ordibehesht	Khordad	Tir	Mordad	Shahrivar
Arak	20	20	16	15	14	16
Ardebil	17	18	15	15	16	11
Orumiyeh	12	12	14	11	6	10
Esfahan	18	15	11	12	8	10
Ahvaz	20	21	16	15	13	16
Ilam	11	13	17	10	11	11
Bojnurd	19	11	14	10	9	12
Bandar Abbas	14	14	12	9	9	9
Bushehr	26	17	14	12	12	26
Birjand	15	14	12	13	15	11
Tabriz	14	16	17	16	13	12
Tehran	17	32	18	11	10	13
Khorramabad	18	11	9	8	9	10
Rasht	10	8	8	6	6	9
Zahedan	16	14	12	10	11	12
Zanjan	20	17	18	17	17	13
Sari	7	13	9	10	8	22
Semnan	12	12	17	12	13	12
Sanandaj	10	12	12	11	8	12
Shahr-e-Kord	22	23	23	17	13	16
Shiraz	14	17	18	8	15	11
Qazvin	22	17	19	15	12	14
Qom	21	27	24	18	19	14
Karaj	14	16	15	11	10	9
Kerman	21	20	17	14	15	13
Kermanshah	15	15	15	10	8	14
Gorgan	20	20	13	12	12	15
Mashhad	11	14	13	12	12	11
Hamedan	15	15	15	15	15	22
Yasuj	8	10	8	15	8	10
Yazd	20	24	24	16	16	15

1.11. MAXIMUM WIND SPEED IN CAPITALS OF OSTANS BY MONTH, THE YEAR 1395
(continued) (mps)

Capital of Ostan	Mehr	Aban	Azar	Dey	Bahman	Esfand
Arak	15	22	17	19	18	19
Ardebil	13	20	22	18	25	20
Orumiyeh	10	20	11	4	9	8
Esfahan	8	19	18	13	15	12
Ahvaz	14	15	17	15	18	19
Ilam	12	15	17	18	19	20
Bojnurd	10	15	12	12	9	9
Bandar Abbas	8	7	16	12	12	11
Bushehr	13	12	14	12	24	16
Birjand	10	9	14	12	12	14
Tabriz	11	14	16	6	11	15
Tehran	15	12	11	11	10	14
Khorramabad	9	14	14	15	14	18
Rasht	12	20	11	8	11	10
Zahedan	10	13	13	14	19	16
Zanjan	14	18	20	12	16	14
Sari	18	17	16	7	11	9
Semnan	13	12	9	8	10	13
Sanandaj	10	13	13	9	13	11
Shahr-e-Kord	15	26	20	19	22	20
Shiraz	11	14	13	10	15	13
Qazvin	12	16	18	13	15	16
Qom	14	19	17	14	16	19
Karaj.....	10	15	10	11	13	13
Kerman	12	7	18	14	16	18
Kermanshah	13	14	12	9	10	12
Gorgan	15	22	24	12	15	20
Mashhad	11	15	9	16	12	13
Hamedan	12	15	13	10	11	20
Yasuj	9	8	7	9	8	11
Yazd	21	11	16	16	19	21

Source: I. R. I. Meteorological Organization.

1.12. TOTAL ANNUAL PRECIPITATION IN CAPITALS OF OSTANS (mm)

Capital of Ostan	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394	The year 1395
Arak	260	283	199	289	264	264	285	374
Ardebil	234	237	259	282	268	279	297	230
Orumiyyeh	228	372	334	317	241	347	277	286
Esfahan	94	220	150	222	157	96	96	71
Ahvaz	235	184	89	210	238	137	270	113
Ilam	598	555	361	455	664	383	842	449
Bojnurd	176	241	209	205	116	250	227	276
Bandar Abbas	85	277	58	84	272	190	152	149
Bushehr	488	224	124	201	325	99	273	80
Birjand	145	135	95	162	114	111	144	97
Tabriz	210	129	272	245	226	300	287	263
Tehran	192	227	316	215	82	134	209	194
Khorramabad	440	510	286	382	434	370	536	563
Rasht	1262	1476	1637	1442	1325	1318	1388	1479
Zahedan	14	55	47	53	108	68	104	55
Zanjan	232	308	366	392	290	299	283	230
Sari	591	684	919	855	741	641	725	824
Semnan	73	177	176	133	80	110	108	128
Sanandaj	310	449	373	306	319	265	444	317
Shahr-e-Kord	334	413	240	386	324	297	310	317
Shiraz	317	305	274	305	381	225	272	284
Qazvin	232	325	424	315	250	221	314	297
Qom	125	111	123	150	82	74	112	139
Karaj	351	302	351	290	134	191	221	211
Kerman	119	134	108	119	169	123	110	98
Kermanshah	357	430	415	317	409	224	513	457
Gorgan	468	522	724	676	387	364	478	491
Mashhad	153	223	254	282	141	287	183	287
Hamedan	225	283	313	230	310	172	216	344
Yasuj	1126	777	661	826	648	624	611	533
Yazd	60	44	22	77	64	43	38	24

Source: I. R. I. Meteorological Organization.

1.13. AVERAGE ANNUAL HEIGHT OF PRECIPITATION IN OSTANS (mm)

Ostan	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394	The year 1395	Long term
Total country...	195.98	147.68	205.92	226.3	219.6	220.2	221.3	233.2	236
East Azarbayejan	206.66	204.8	295.6	308.6	245.8	337.7	326.4	279	286.2
West Azarbayejan	278.78	289.83	407.57	408.3	311.9	361.2	391.8	319.2	363.8
Ardebil	291.21	195.15	378.85	368.1	294.6	341	378.3	338.2	353.1
Esfahan	136.1	127.9	144.56	216.3	176.6	175.4	121.8	128.9	168.7
Alborz	⁽¹⁾ 000	⁽¹⁾ 000	⁽¹⁾ 000	332.6	191.9	202.2	388.9	403.9	391.5
Ilam	432.08	245.55	262.11	355.7	515.8	357.5	562.2	430.5	442.3
Bushehr	457.87	174.04	124.28	207.6	362.3	124.3	264.7	268.6	287.1
Tehran	⁽¹⁾ 235.47	⁽¹⁾ 185.01	⁽¹⁾ 380.99	324.3	177.1	230.7	263.7	307	296.5
Chaharmahal & Bakhtiari..	670.53	432.25	488.99	687.9	548.8	448.8	500	549.5	588.4
South Khorasan	⁽²⁾ 000	36.53	99.1	110.6	102.2	109.5	85.6	94.4	125.7
Khorasan-e-Razavi	⁽²⁾ 114.95	86.85	198.34	217.6	117.7	236.1	137.1	212.9	206
North Khorasan	⁽²⁾ 000	185.51	300.66	312.4	174.8	245.9	257.3	282.6	259.2
Khuzestan.....	360.7	195.36	179.27	326.7	319.3	187.1	347.2	244.6	345.5
Zanjan	237.74	211.37	383.55	370	287.3	252.7	295.7	280.4	320.9
Semnan	110.04	105.22	156.36	174.3	72.1	134	111.3	131.8	134.4
Sistan & Baluchestan	31.95	48.78	74.1	72	150.6	78.5	71	92.8	111.3
Fars	305.62	205.79	226.74	235.6	294.1	223.6	246.3	374.2	304.1
Qazvin	330.04	266.95	422.24	335.8	282.7	250.7	282	283.2	306.4
Qom	107.95	99.01	141.74	177	103.2	80.5	117.4	173.7	129.3
Kordestan	399.62	309.74	472.39	410.3	395.5	392.1	473.9	392.5	448.5
Kerman.....	93.08	58.79	79.3	103.4	172.4	145.2	122.8	135.1	121.7
Kermanshah	370.12	285.22	432.58	372.6	455.3	331.8	575.4	472.8	475
Kohgiluyeh & Boyerahmad	712.05	286.45	426.15	577.6	496.8	417.2	471.3	386.1	550.7
Golestan	382.98	302.73	567.95	652.2	345	408.5	547.5	557.6	481
Gilan	1057.41	897.2	1231.13	907.5	912.6	1104.1	977.2	1011.6	896.7
Lorestan	405.97	336.2	331.13	418.8	432.7	412.2	601.3	591.8	501.7
Mazandaran	774.84	570.26	909.19	749.4	604.8	700.4	722.4	774.5	694.2
Markazi	193.89	190.95	238.27	294.1	265.2	232.5	257.1	314.6	255.5
Hormozgan	105.33	93.91	73.51	98.6	199.7	87.8	184.2	192	166.2
Hamedan	271.51	248.53	350.89	270.2	284.5	272.4	354.9	395.4	321.6
Yazd	76.19	46.52	60.31	102	83.5	87.8	68.7	59.1	87.9

1. Statistics for Alborz are included with Tehran.

2. Statistics for South Khorasan and North Khorasan are included with Khorasan-e-Razavi.

Source: I.R.I. Meteorological Organization.

1.14. AREA AND OVERLAND FLOW COEFFICIENT OF MAIN BASINS

Main basin	Area (1000 km ²)	Coefficient of overland flow, the 47-year average (1347-1394)(%)
Total country	1622.6	22
Caspian Sea	174.6	22
Persian Gulf and Oman Sea	424.5	31
Lake Orumiyeh	51.8	30
Central Plateau	824.4	10
Eastern Border	103.2	13
Qareh Qum	44.2	30

Source: Ministry of Energy.

1.15. 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
The 47-year average (from the years 1347-1348 through 1393-1394)	405.28	74.89	155.11	17.64	136.48	11.36	9.82
1379-80	299.55	60.756	110.45	12.031	105.931	3.923	6.459
1384-85	351.635	66.164	147.105	17.102	109.583	4.731	6.95
1389-90	328.184	66.913	120.2	15.405	110.723	8.331	6.613
1390-91	337.197	90.121	95.865	15.393	116.623	8.226	10.969
1391-92	393.276	70.789	148.588	17.105	136.064	11.58	9.15
1392-93	357.175	63.969	141.775	14.635	118.303	10.484	8.009
1393-94	328.846	80.725	101.152	19.56	108.311	9.499	9.598
1394-95⁽¹⁾	397.21	90.54	153.16	20.92	111.21	10.07	11.17

1. Since the aquatic year 1394-95, the precipitation statistics of the country has been revised and accurated.

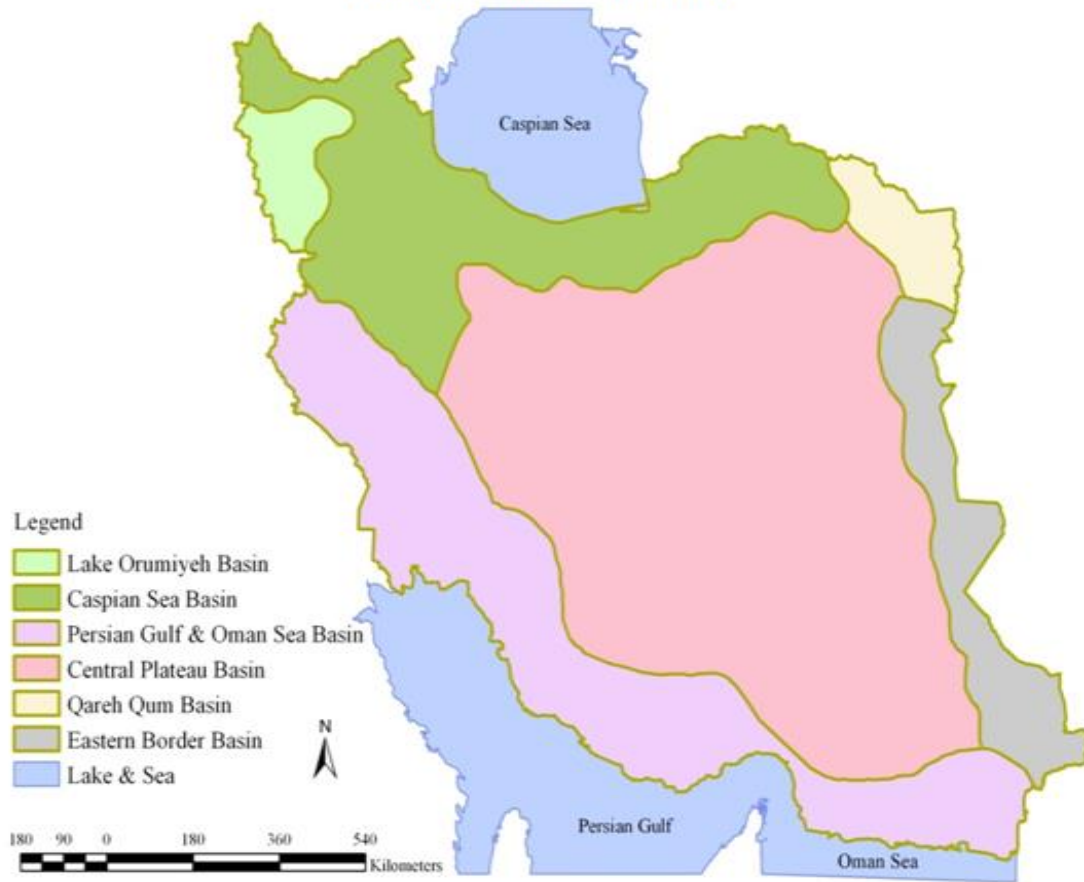
Source: Ministry of Energy.

1.16. 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
The 47-year average (from the years 1347-1348 through 1393-1394).....	87.229	16.647	47.601	5.221	13.313	1.487	2.96
1379-80.....	37.64	6.54	23.56	1.27	4.52	0.462	1.284
1384-85.....	90.317	11.148	62.297	3.701	11.458	0.322	1.391
1389-90.....	44.187	7.904	23.29	2.947	8.718	0.293	1.034
1390-91.....	50.891	14.188	20.04	4.184	10.731	0.333	1.416
1391-92.....	49	8.46	27.16	3.03	7.9	0.812	1.642
1392-93.....	42.703	6.356	25.805	2.57	6.405	0.346	1.222
1393-94.....	40.879	6.976	22.261	2.118	7.973	0.3	1.252
1394-95.....	59.112	9.942	33.559	4.956	8.715	0.307	1.632

Source: Ministry of Energy.

1.6.MAIN BASINS OF IRAN



For Data see: Table 1-14