



**ZVARTNOTS**  
AVIAMETEOROLOGICAL  
CENTER

# **CLIMATOLOGICAL SUMMARY OF "ZVARTNOTS" AND "SHIRAK" INTERNATIONAL AIRPORTS OF THE REPUBLIC OF ARMENIA FOR 2019-2023**

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(First Edition)**

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# Abbreviations

## **Aeronautical Abbreviations**

ICAO - International Civil Aviation Organization

ISO - International Organization for Standardization

METAR – Meteorological Aerodrome Report

RWY - Runway

UTC - Universal Coordinated Time

## **Meteorological Abbreviations**

Cloud amount - BKN Broken (5-7 Octants)

OVC - Overcast (8 Octants)

Hs - height of lower layer of cloud

RVR - Runway Visual Range

VIS - Visibility

WMO - World Meteorological Organization

## **Airports**

UDYZ – "Zvartnots" International Airport

UDSG – "Shirak" International Airport

## **Units of Measurement**

FT - Feet

KT - Knot (nautical mile / hour)

m - Meter

mm - Millimeter

°C - Degree Celsius

## **Other**

RA - Republic of Armenia



## 1. Introduction of Climatological Summary of "Zvartnots" and "Shirak" International Airports of the RA

The “Climatological Summary of "Zvartnots" and "Shirak" International Airports in the Republic of Armenia for the period 2019-2023” (Summary) is a statistical analysis of observation data obtained by the meteorological stations at "Zvartnots" (UDYZ) and "Shirak" (UDSG) international airports.

The summary covers a five-year period from January 2019 to December 2023 and is divided into two parts. The first part discusses the climatological and geographic characteristics of the airports, as well as the circulation processes in the South Caucasus region, which influence the formation of weather patterns throughout Armenia. The second part depicts the five-year distribution of meteorological elements (visibility distance along the runways, visibility, cloud height, wind speed and direction, wind gust speed and direction, and air temperature on the surface) in tables and graphs according to months.

The Summary is designed for a wide range of users:

- International and domestic civil airlines operating flights to/from Armenian airports.
- Private pilots
- Operational and administrative services of airports
- Aeronautical administration
- Air navigation services providers
- Civil Aviation Committee.

Besides the above mentioned potential users, this Summary can also be used by specialists from other domains for the purposes of scientific research.

The preparation of statistical data is based on recommendations of the International Civil Aviation Organization (ICAO) and the World Meteorological Organization (WMO) regarding climatological data processing (Annex 3 to the Convention on International Civil Aviation; WMO Technical Regulation No. 49, Volume 2) but at the same time the present paper contains a more detailed study and is enriched by additional information.

The observation data depicted from the meteorological stations at “Zvartnots” and “Shirak” international airports meet all established requirements; the data are representative, continuous, and reliable. The “Zvartnots” Aviameteorological Centre CJSC holds a Quality Management ISO 9001-2015 Certificate.

To obtain climatological information for “Zvartnots” and “Shirak” international airports, thirty-minute METARs (issued at xx20 and xx50) were used for the period covering 2019-2023.

For each airports, over 17,520 occurrences of meteorological METAR elements were analyzed. Based on the each meteorological METAR elements were analyzed for both airports. Their monthly and/or seasonal distribution is presented in the form of tables, graphs, and texts. UTC time was utilized in the data processing (Armenia UTC+4).

The Summary addresses meteorological elements processed according to the 5 models elaborated by the WMO.

**Model A.** Frequencies (per cent) of the occurrence of runway visual range/visibility (both in meters) and/or height of the base of the lowest cloud layer (in meters) of BKN or OVC extent below specified values at specified times.

**Model B.** Frequencies (per cent) of visibility below specified values (in meters) at specified times.

**Model C.** Frequencies (per cent) of the height of the base (in meters) of the lowest cloud layer of BKN or OVC extent below specified values at specified times.

**Model D.** Frequencies of occurrence of concurrent wind direction (in 30° sectors) and speed within specified ranges.

**Model E.** Frequencies (per cent) of surface temperature (screen) in specified ranges of 5°C at specified Times.

## 2. Overview of Climate and Circular Processes in the RA

The main factors influencing the climate of the RA territory are:

- The amount of solar radiation due to geographical location
- Characteristics of atmospheric circulation
- Mountainous nature and features of the surface
- Being near the Mediterranean and Caspian seas
- Being near the Iranian and Arabian deserts.



Figure 1: Orography and topography of RA

The territory of the RA is located in the northern latitudes of the subtropical zone. The intensity of solar radiation increases with altitude, with the highest values recorded in the top of Aragats area.

The duration of sunshine at Martuni on the shores of Lake Sevan is the greatest and is equal to 2,780 hours. The number of cloudy days here is only 18 days a year. In other regions, the number of those days is many times more. In the northeastern region of the republic, it is the largest in Ijevan but reaches 64 days (the duration of sunshine is only 1,930 hours).

The average temperature of January, the coldest month of the RA, ranges from  $-12.8^{\circ}\text{C}$  to  $+1.2^{\circ}\text{C}$ . The air temperature may drop even further at certain times of the day. The lowest air temperature in the RA ( $-46^{\circ}\text{C}$ ) was recorded in Paghakn settlement, located in the depression of Arpi Lake, where the cold air accumulates and causes cold weather, thus contributing to the freezing of the land-side air.

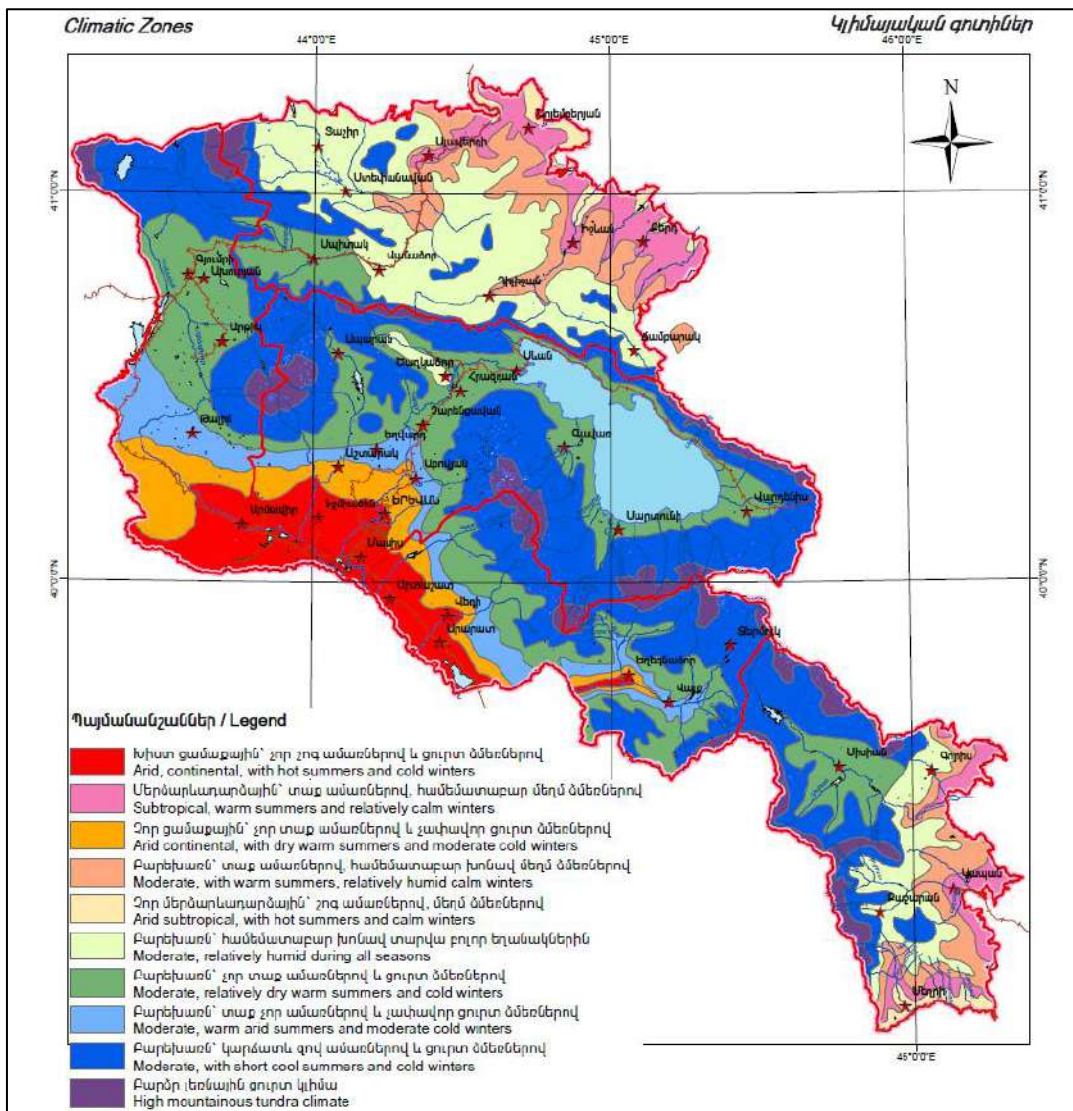
The average temperature of the hottest months (July and August) varies between +9°C to +26°C, with the maximum (+43.7°C) recorded in the south of Zangezur (Meghri). During the year, the western flow of air masses dominates the territory of the RA.

During the cold period of the year, temperate and sometimes arctic air masses penetrate the RA. Cold air masses, overcoming the Great Caucasus mountain range, are partially transformed and penetrate the RA as cold air currents. Among the climate-forming factors in this period, the mountainous relief, the high position of the place and the internal depressions also play an important role. That circumstance contributes to a sharp decrease in air temperature. A temperature inversion often occurs in the depressions in winter.

In the warm part of the year, the RA is dominated by hot and dry tropical air penetrating from the Iranian plateau. The hottest, driest seasons of the RA are determined by this. Precipitating air masses moving from the west, as well as from the Black and Caspian seas, meet on the outer windward slopes of the marginal mountain ranges, where most of the precipitation falls. The regions of the RA receive less moisture from these air masses.

Due to the mountainous relief, the air currents deviate from their direction and move in the direction of the river valleys. In particular, the air masses coming from the Caspian Sea pass through the Aghstev Valley to the Pambak depression, bringing much moisture. Due to the mountainous relief, upward zoning of climatic conditions is observed in the territory of the RA, according to which 10 climatic zone is distinguished, from strictly terrestrial to cold mountainous (map 1).





Map 1: Climatic zones of Armenia (by upward zoning)

One of the characteristic features of RA climate is the local circulation of air masses caused by uneven heating of mountains and valleys. Mountain valley winds occur in wide and deep valleys with a slight slope of the floor, opening to the plains.

During the day, the air flow from the plain is directed towards the valley, while at night, it flows down the valley slopes in the opposite direction towards the plain, moderating the heat of the low-lying areas. Mountain valley winds are well-developed in the Ararat depression and in the valleys of Debed and Aghstev rivers.

According to altitude, the amount of precipitation increases in RA, reaching its maximum near the summit of Mount Aragats. Despite the small area of RA, precipitation fluctuates significantly, ranging from 230 to 1,100 mm. The most precipitation occurs on the windward slopes of the marginal mountains, while the least is found in the low-lying intermountain depressions, particularly in the Ararat Valley (230-300 mm). In the medium-altitude mountain zone, annual rainfall reaches 600-700 mm.

Rainfall is unevenly distributed throughout the year, with the maximum occurring in May

and June and the minimum in winter. At the end of spring and during the summer, precipitation is primarily torrential.

In winter, precipitation in the territory of the republic is primarily in the form of snow. However, stable snow cover does not form in the low-lying areas, including Meghri, the lower basin of the Debed River, and parts of the Ararat valley. This is due not only to the relatively high air temperature of those areas, but also to the scarcity of precipitation.

Cyclones enter the RA territory from the following regions:

1. from the Mediterranean (Cypriot type),
2. from the regions of Asia Minor (Western type),
3. from the northern regions of Syria and Iraq (Southern type),
4. from northeast Africa (Egyptian type).

Anticyclonic fields mainly move over the territory of Armenia:

1. from the west (Azorian type),
2. from the northwest (Scandinavian and Western European type),
3. from the north (stationary anticyclone in the Russian European area),
4. from the east and northeast (Siberian type)<sup>1</sup>.

Regarding climate change trends, a significant increase in annual temperature was observed in Armenia during the decades 1961-1990, compared to the average (5.5°C). In 1929-1996 the average annual temperature increased by 0.4°C, in 1929-2007 by 0.85°C, in 1929-2012 by 1.03°C, and in 1929-2016 by 1.23°C. Precipitation over the period 1935-2016 decreased by almost 9% compared to the annual average (592 mm)<sup>2</sup>.

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<sup>1</sup> Surenyan Gagik H., Khoetsyan Ashot V., "The synoptic processes forming the weather and climate conditions of RA", Yervan, 2019.

<sup>2</sup> Fourth National Communication on Climate Change. Yerevan, UNDP Armenia, 2020, page 19.

### 3. Description of Aeronautical Climatological Models

Description of the weather conditions mentioned above, developing on the territory of the aerodromes, is based on the analysis of data received from meteorological observations over the past five years. Below are the data processing methods corresponding to specific models.

The Climatological tables for models A, B, C, D and E (for "Zvartnots" (UDYZ) and "Shirak" (UDSG) international airports) were developed by:

- Ruzanna Voskanyan, Head of the Flight Safety and Quality Management Department
- Armenuhi Harutyunyan, Head of the Meteorological Forecasts Department
- Arpeni Vardanyan, Head of Meteorological Observation Department.

The following specialists participated in the preparation of the database:

- Asya Dilanyan, head of the meteorological service department of the Gyumri "Shirak"
- Karine Manukyan, leading specialist-forecaster of the meteorological forecasts department
- Alvina Muradyan, 1st grade specialist-forecaster of the meteorological forecasts department
- Ani Sardaryan, 2nd grade specialist-observer of the meteorological observation department
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## **Model A**

**Model A** contains frequencies (expressed as percentages) of the occurrence of runway visual range/visibility (both in meters) and/or the height of the base of the lowest cloud layer of BKN or OVC extent below specified values at specified times.

For “Zvartnots” and “Shirak” international airports, climatological data of meteorological elements were processed based on thirty-minute METARs for the period of 2019-2023.

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1,500 meters.

The Model A table is divided into two sections. The first section (comprising the first 5 columns) displays frequencies (expressed as percentages) of the occurrence of runway visual range or height of the base of the lowest cloud layer of BKN or OVC extent below specified values, or both. The second section (comprising the last 4 columns) presents frequencies (expressed as percentages) of the occurrence of visibility or height of the base of the lowest cloud layer of BKN or OVC extent below specified values, or both. The values in the tables adhere to the following principle: larger values encompass smaller ones. For instance, if the cloud height is less than 60m, it is included in both the column '<60m' and the column '<90m' (as per WMO-No. 49 - Technical Regulations, Volume II). This principle is consistently applied when processing other meteorological elements in this Model.

The Model A table is accompanied by a graph/graphs. Such a table is created for every month of the year for each of Armenia's international airports.

## **Model B**

**Model B** includes frequencies (expressed as percentages) of visibility below specified values (in meters) at specified times (See: Table. 1)

The frequency of observations implies thirty-minute intervals for “Zvartnots” and “Shirak” international airports. The minimum (MIN) visibility values contained in the METARs were used when compiling climatological tables.

Table 1. Visibility Criteria (meter)

<200	<400	<600	<800	<1500	<3000	<5000	<8000
------	------	------	------	-------	-------	-------	-------

To create climatological tables for this model, the visibility values observed within 24 hours were utilized. For each specified time, the total number of observations was determined, and the occurrences were presented as percentages based on the visibility criteria.

In the 'MEAN' fields of the Model B table, the average value (in percentage) for each visibility criterion is provided (WMO-No. 49 - Technical Regulations, Volume II). The values in the



tables follow the principle that larger values incorporate smaller ones. For instance, if visibility is less than 4500m, it is included in both the '<5000m' column and the '<8000m' column (WMO-No. 49 - Technical Regulations, Volume II).

A diagram was created for each aerodrome based on Model B, reflecting the dynamics of changes in visibility values according to the following gradation: <800m; <1500m; <3000m; <5000m; <8000m.

**Model C**

**Model C** describes frequencies (expressed as percentages) of the height of the base of the lowest cloud layer of BKN or OVC extent below specified values at specified times (See: Table 2).

Table 2. Height of the base (in feet) of the lowest cloud layer of BKN or OVC extent gradation

≤100	≤500
≤200	≤1000
≤300	≤1500

The values of the gradation are presented on the following principle: the bigger value incorporates the smaller one(s), for instance, if the height of ceiling is less than 900ft, it is included both in the column ≤1000ft and the column ≤1500ft (WMO-No. 49 - Technical Regulations, Volume II). The same principle is observed in the other columns of this Model table.

The “MEAN” fields at the bottom of the Model C table display the average value of the number of occurrences (in percentage) for each gradation parameter (WMO-No. 49 - Technical Regulations, Volume II).

A diagram was drawn for each aerodrome based on Model C. It depicts the ratio of the number of occurrences of each specified ceiling height (See: Table No. 3) to the total number of occurrences at ≤1500ft.

Table No. 3. Height of the base (in feet) of the lowest cloud layer of BKN or OVC extent gradation used in the diagram.

<100	>300≤500
>100≤200	>500≤1000
>200≤300	>1000≤1500

## **Model D**

**Model D** depicts frequencies of occurrence of concurrent wind direction (in 30° sectors) and speed (in knots) within specified ranges. It includes the following information:

1. Wind speed breakdown at 5 knots intervals (for example: 1-5; 6-10; 11-15 knots and etc.).
2. Wind direction breakdown according to 30° ranges (For example: 20°-40° range means wind directions of 20°-30°-40°).
3. The number of occurrences of calm conditions when the wind speed equals 0 knot.
4. The frequency of variable (VRB) winds with the following characteristics:
  - a. The wind direction is variable within 60° to 180° and the speed does not exceed 3 knots.
  - b. The wind direction is variable over 180° and the speed exceeds 3 knots.
5. Wind gusts (additional information, not required by WMO-No. 49 - Technical Regulations, Volume II).

The "TOTAL" fields of the Model D table show the total percentage value of the particular wind directions within particular speed ranges. Each table is accompanied by a graph.

In the table depicting wind gusts the wind direction is given in ranges of 10° and the speed of the wind gusts over 10 knots – at 5 knots' intervals.

The "CALM" and "VARIABLE" writings included in this model have the following explanation:

“CALM” : Based on thirty-minute METARs, during the last 10 minutes wind speed is less than 1 knot.

“VARIABLE” : Based on thirty-minute METARs, during the last 10 minutes, if the range of wind direction change is 60° or more but does not exceed 180° and the wind speed is less than 3 knots (without specifying the mean wind direction); as well as if the range of wind direction change is 180° or more, the wind direction is reported as "VARIABLE" (without specifying the mean wind direction).

The tables and graphs in this Model display climatological information obtained during five-year observations and processed according to months and seasons.

## **Model E**

**Model E** describes frequencies (expressed as percentages) of surface temperature (screen) in specified ranges of 5°C at specified times.

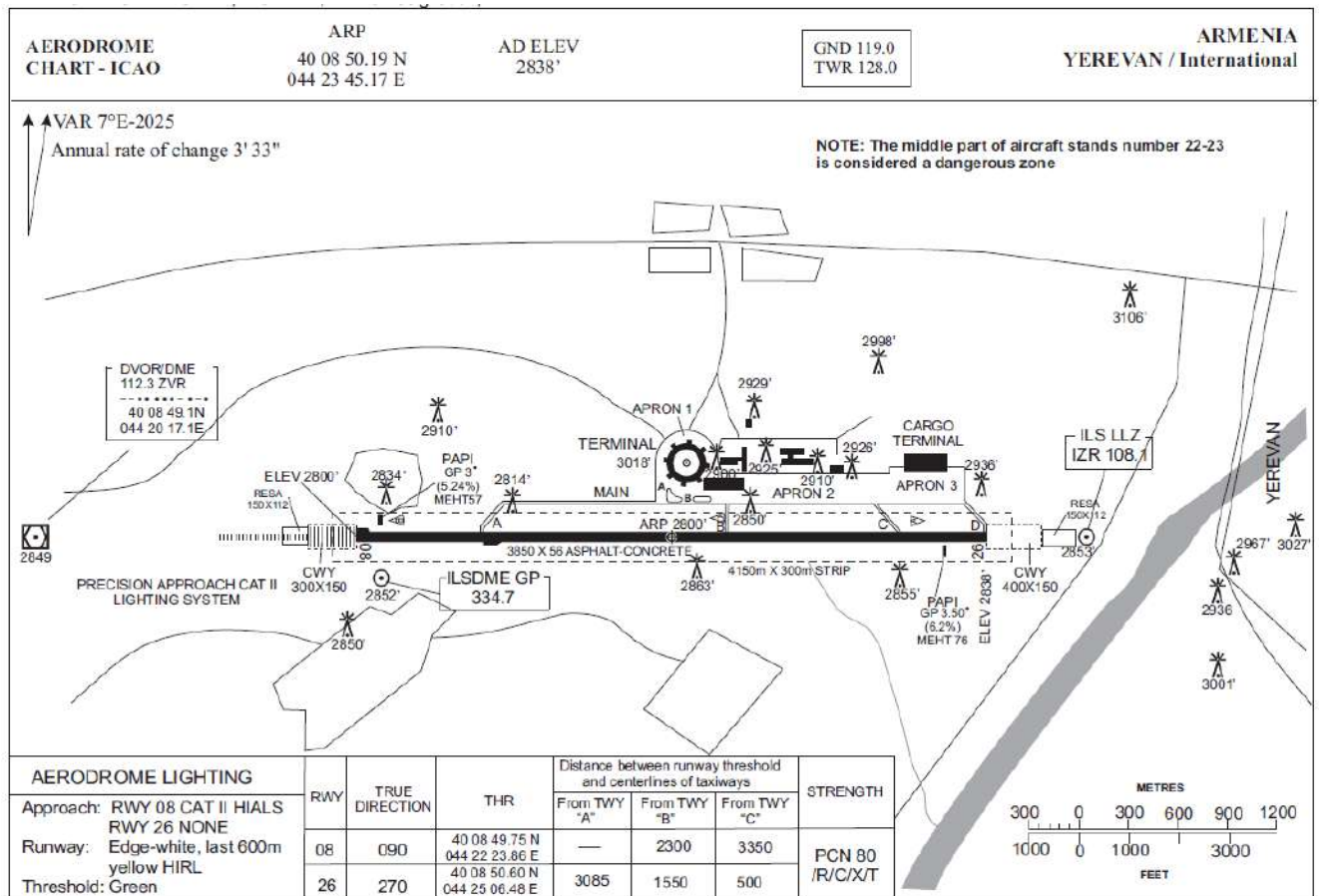
The tables provided in the model display the monthly frequency of occurrence of specified temperatures at specified time intervals. The air temperatures of +44°C and -20°C were used as the fundamental highest and lowest values for processing purposes.

The table for this Model displays the frequency of occurrence of the observed air temperatures within specified ranges (See: Table No. 4) at specified time intervals. The mean values imply the monthly frequency of occurrence of each temperature range within the five-year period. The statistical analysis is provided below the table.

Table 4. Air temperature (°C) ranges

(°C) from	(°C) to
-20	-16
-15	-11
-10	-6
-5	-0
0	4
5	9
10	14
15	19
20	24
25	29
30	34
35	39
40	44

## 4. Summary of “Zvartnots” International Airport



Map 2: Map of "Zvartnots" aerodrome

“Zvartnots” international airport is located in the northeastern part of the Ararat valley, approximately 10 kilometers west of the capital city of Yerevan. It is situated 1.5 kilometers south of the town of Parakar and 14 kilometers from the border with Turkey. The airport’s coordinates are North latitude 40° 08’ 50”N and East longitude 044° 20’ 18”E and its elevation is 866 meter above sea level.

To evaluate the physical-geographical conditions of a small area, it is essential to recognize that the area is an integral part of a larger ecosystem. The climatic and microclimatic conditions of the area are influenced by the interactions within this ecosystem. Therefore, studies of the physical-geographical conditions of the “Zvartnots” international airport region should encompass the broader context of the Ararat depression, particularly its northeastern part.

The ‘Zvartnots’ international airport area is situated on a gently sloping plain. The topography is influenced by the presence of several extinct volcanoes and mountain ranges in the vicinity. To the north-northwest, approximately 50 kilometers away, lies the Aragats volcanic massif, the highest peak of which rises to 4,090 meters. About 30 kilometers to the north is the

extinct volcano mount Ara (2,575 meters). Behind mount Ara, extending from northwest to southeast, lies the Tsaghkunyats mountain range.

To the south and southeast of mount Ara, and to the north and northeast of the airport, the Yeghvard, Kotayk, and Voghjaberd mountains (1,100-1,500m) extend towards the southeast, merging with the Yerevan depression as they spread southwestward. In the eastern part of these mountains, the Gegham mountain range (3,597m) stretches almost in a north-south direction. The southeastern boundary of the airport is defined by the Yeranos mountain range at a height of 2,000-2,200m.

“Zvartnots” international airport is located near the extinct volcanoes of Ararat and Aragats, with the Geghama mountain range to the northeast. The airport is situated in the midstream region of the Hrazdan and Kazakh rivers.

The diverse topography and unique features of the terrain around the airport create a range of climatic and microclimatic conditions, which significantly affect flight operations and safety.

The runway of “Zvartnots” international airport has a direction from northeast (85°) to southwest (263°). Depending on the meteorological conditions and especially the direction and speed of the winds, both flights and landings are carried out in these two directions. The landing is open with 08 threshold, and it is limited with 26 threshold, the reason is the terrain and buildings.

During the summer, the frequencies of occurrence of the prevailing wind directions are: Northeast is 23.61% and Southeast is 17.86%, and the most frequently recorded wind speed is up to 15 knots, which corresponds to a moderate wind according to the "Beaufort Wind Force Scale" (occurrence frequency: 87.85%). The maximum wind speed of 36-40 knots was observed in the southwestern part (occurrence frequency: 0.10%) (see "Zvartnots" D model).

In winter, during the atmospheric circulation process caused by the air masses entering from the south-west and south-east of the RA, an increase in cloud cover is observed at the "Zvartnots" international airport and the frequency of low-altitude clouds increases (see "Zvartnots" A, B, C models), visibility decreases and fog and mist are produced. These weather conditions can last for several hours (intramass freezing fogs) and days (intramass advective fogs).

The lowest minimum temperatures during the winter months occur in December and January. In December, the lowest temperatures range from -15°C to -11°C (recorded at 04:30 UTC) and occur with a frequency of 0.11%. In January, the lowest temperatures range from -20°C to -16°C (recorded at 03:30 UTC) and occur with a frequency of 0.04%. The average prevailing temperature in December is 0°C - 4°C, with a frequency of 43.01%, while in January

the average prevailing temperature is  $-5^{\circ}\text{C}$  to  $-1^{\circ}\text{C}$ , with a frequency of 36.59% (see "Zvartnots" model E).

Thunderstorms and hail are the most hazardous weather phenomena in the area of "Zvartnots" international airport during the spring and summer seasons. The likelihood of their occurrence significantly increases during the invasion of weather fronts from the southwest.

The highest of the maximum temperatures were recorded in July, ranging from  $40^{\circ}$  to  $44^{\circ}$  (at 13:30 UTC) with a frequency of 0.05%, and in August, ranging from  $40^{\circ}$  to  $44^{\circ}$  (at 13:00 UTC) with a frequency of 0.05%. The average prevailing temperatures were from  $25^{\circ}$  to  $29^{\circ}$  in July, with a frequency of 34.85%, and from  $25^{\circ}$  to  $29^{\circ}$  in August, with a frequency of 35.86% (see "Zvartnots" model E).

## 4.1 RVR, Visibility and Ceiling

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY

MODEL A

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

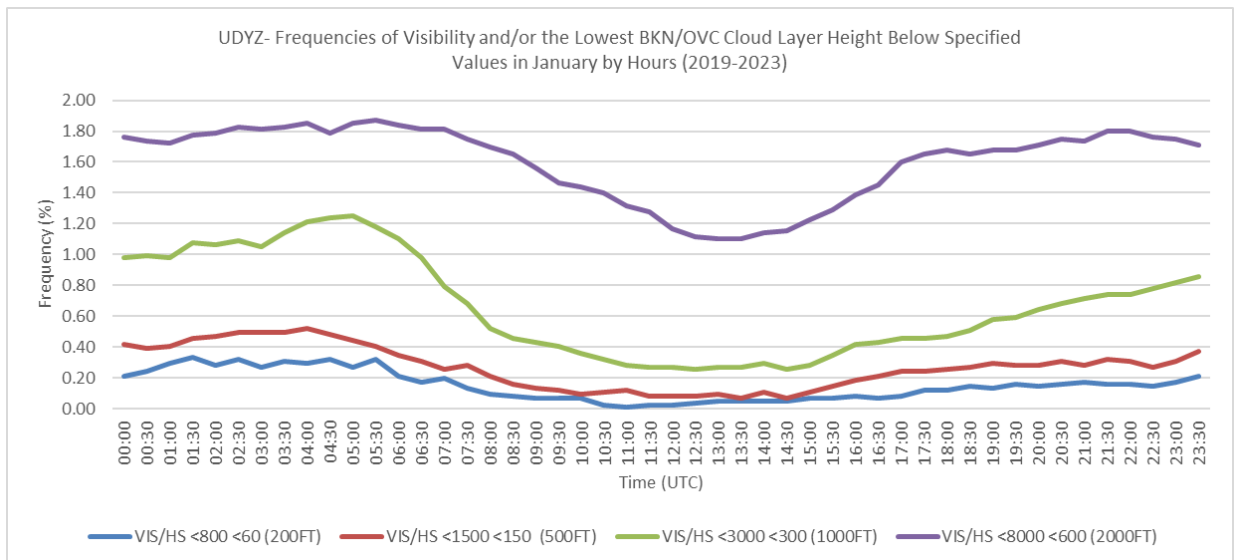
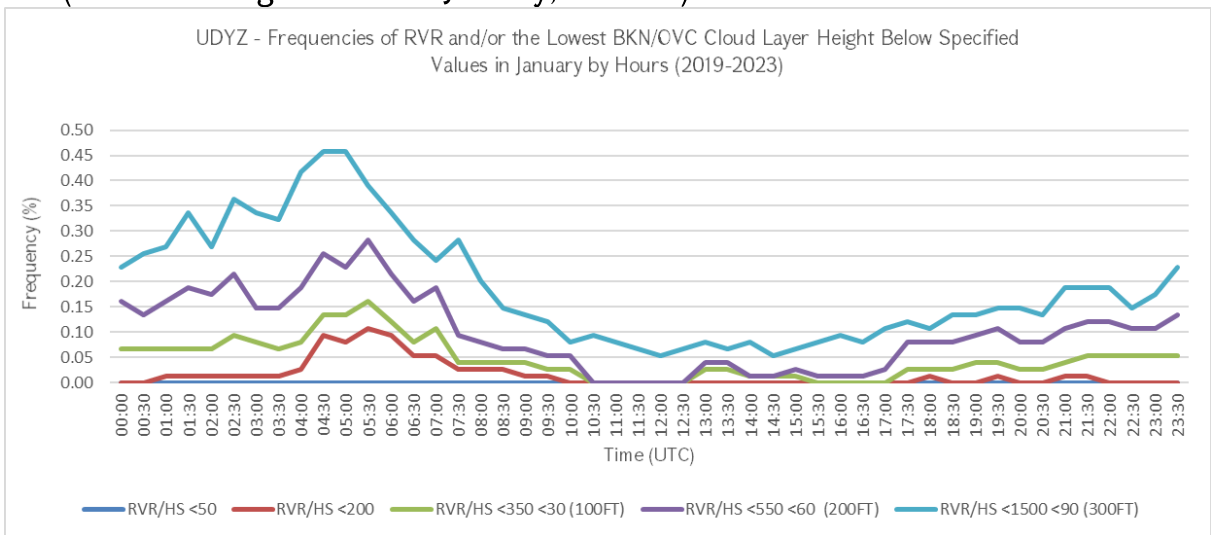
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.07	0.16	0.23	0.22	0.42	0.98	1.76
00:30	0.00	0.00	0.07	0.13	0.26	0.24	0.39	0.99	1.73
01:00	0.00	0.01	0.07	0.16	0.27	0.30	0.40	0.98	1.72
01:30	0.00	0.01	0.07	0.19	0.34	0.34	0.46	1.08	1.77
02:00	0.00	0.01	0.07	0.17	0.27	0.28	0.47	1.06	1.79
02:30	0.00	0.01	0.09	0.22	0.36	0.32	0.50	1.09	1.83
03:00	0.00	0.01	0.08	0.15	0.34	0.27	0.50	1.05	1.81
03:30	0.00	0.01	0.07	0.15	0.32	0.31	0.50	1.14	1.83
04:00	0.00	0.03	0.08	0.19	0.42	0.30	0.52	1.21	1.85
04:30	0.00	0.09	0.13	0.26	0.46	0.32	0.48	1.24	1.79
05:00	0.00	0.08	0.13	0.23	0.46	0.27	0.44	1.25	1.85
05:30	0.00	0.11	0.16	0.28	0.39	0.32	0.40	1.18	1.87
06:00	0.00	0.09	0.12	0.22	0.34	0.22	0.35	1.10	1.84
06:30	0.00	0.05	0.08	0.16	0.28	0.17	0.31	0.98	1.81
07:00	0.00	0.05	0.11	0.19	0.24	0.20	0.26	0.79	1.81
07:30	0.00	0.03	0.04	0.09	0.28	0.13	0.28	0.69	1.75
08:00	0.00	0.03	0.04	0.08	0.20	0.09	0.22	0.52	1.69
08:30	0.00	0.03	0.04	0.07	0.15	0.08	0.16	0.46	1.65
09:00	0.00	0.01	0.04	0.07	0.13	0.07	0.13	0.43	1.56
09:30	0.00	0.01	0.03	0.05	0.12	0.07	0.12	0.40	1.47
10:00	0.00	0.00	0.03	0.05	0.08	0.07	0.09	0.36	1.44
10:30	0.00	0.00	0.00	0.00	0.09	0.03	0.11	0.32	1.40
11:00	0.00	0.00	0.00	0.00	0.08	0.01	0.12	0.28	1.32
11:30	0.00	0.00	0.00	0.00	0.07	0.03	0.08	0.27	1.28
12:00	0.00	0.00	0.00	0.00	0.05	0.03	0.08	0.27	1.17
12:30	0.00	0.00	0.00	0.00	0.07	0.04	0.08	0.26	1.12
13:00	0.00	0.00	0.03	0.04	0.08	0.05	0.09	0.27	1.10
13:30	0.00	0.00	0.03	0.04	0.07	0.05	0.07	0.27	1.10
14:00	0.00	0.00	0.01	0.01	0.08	0.05	0.11	0.30	1.14
14:30	0.00	0.00	0.01	0.01	0.05	0.05	0.07	0.26	1.16
15:00	0.00	0.00	0.01	0.03	0.07	0.07	0.11	0.28	1.22
15:30	0.00	0.00	0.00	0.01	0.08	0.07	0.15	0.35	1.29
16:00	0.00	0.00	0.00	0.01	0.09	0.08	0.19	0.42	1.38
16:30	0.00	0.00	0.00	0.01	0.08	0.07	0.22	0.43	1.45
17:00	0.00	0.00	0.00	0.03	0.11	0.08	0.24	0.46	1.60



17:30	0.00	0.00	0.03	0.08	0.12	0.12	0.24	0.46	1.65
18:00	0.00	0.01	0.03	0.08	0.11	0.12	0.26	0.47	1.68
18:30	0.00	0.00	0.03	0.08	0.13	0.15	0.27	0.51	1.65
19:00	0.00	0.00	0.04	0.09	0.13	0.13	0.30	0.58	1.68
19:30	0.00	0.01	0.04	0.11	0.15	0.16	0.28	0.59	1.68
20:00	0.00	0.00	0.03	0.08	0.15	0.15	0.28	0.65	1.71
20:30	0.00	0.00	0.03	0.08	0.13	0.16	0.31	0.69	1.75
21:00	0.00	0.01	0.04	0.11	0.19	0.17	0.28	0.71	1.73
21:30	0.00	0.01	0.05	0.12	0.19	0.16	0.32	0.74	1.80
22:00	0.00	0.00	0.05	0.12	0.19	0.16	0.31	0.74	1.80
22:30	0.00	0.00	0.05	0.11	0.15	0.15	0.27	0.78	1.76
23:00	0.00	0.00	0.05	0.11	0.17	0.17	0.31	0.82	1.75
23:30	0.00	0.00	0.05	0.13	0.23	0.22	0.38	0.86	1.71
TOTAL	0.00	0.75	2.23	4.77	9.05	7.33	12.92	32.00	76.72

In January, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on five-years observation, constitutes 0.75% (See climatological table of January, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 7.33% (See climatological table of January, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

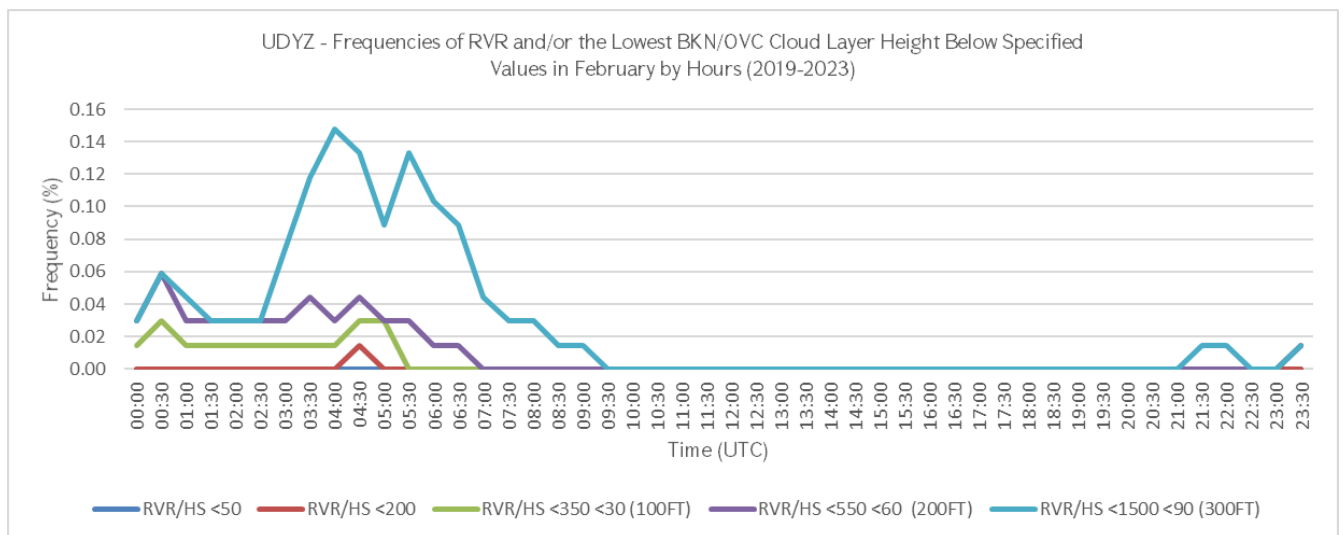
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

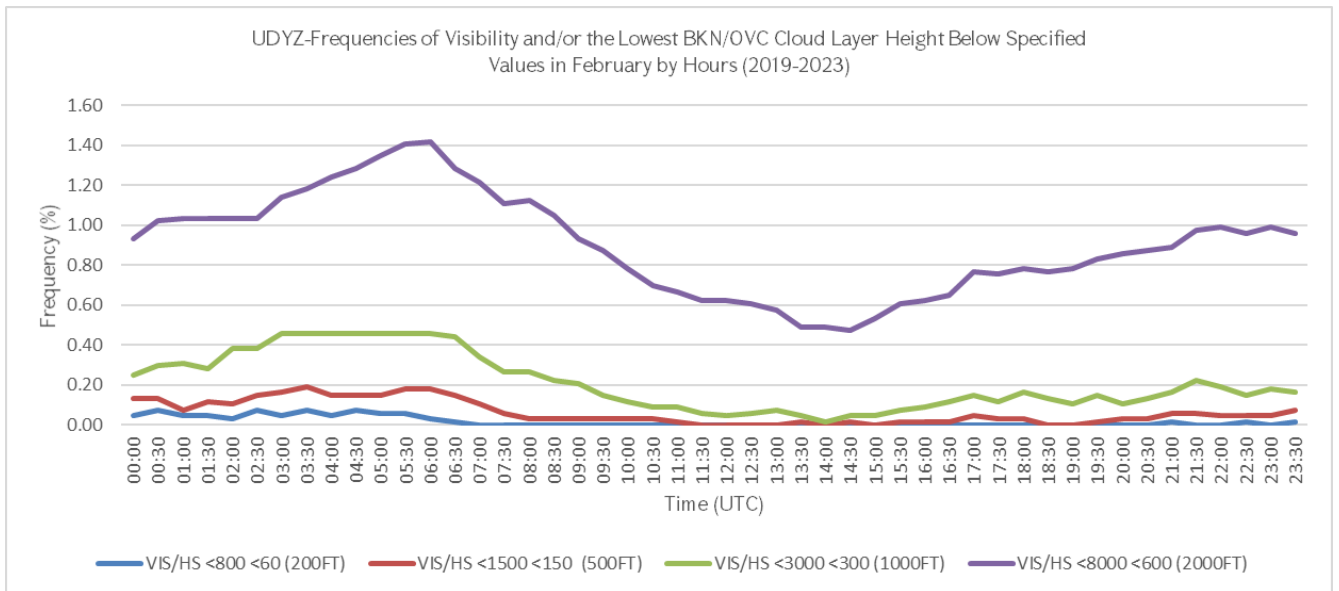
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
			<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
00:00	0.00	0.00	0.01	0.03	0.03	0.04	0.13	0.25	0.93
00:30	0.00	0.00	0.03	0.06	0.06	0.07	0.13	0.30	1.02
01:00	0.00	0.00	0.01	0.03	0.04	0.04	0.07	0.31	1.03
01:30	0.00	0.00	0.01	0.03	0.03	0.04	0.12	0.28	1.03
02:00	0.00	0.00	0.01	0.03	0.03	0.03	0.10	0.38	1.03
02:30	0.00	0.00	0.01	0.03	0.03	0.07	0.15	0.38	1.03
03:00	0.00	0.00	0.01	0.03	0.07	0.04	0.16	0.46	1.14
03:30	0.00	0.00	0.01	0.04	0.12	0.07	0.19	0.46	1.18
04:00	0.00	0.00	0.01	0.03	0.15	0.04	0.15	0.46	1.24
04:30	0.00	0.01	0.03	0.04	0.13	0.07	0.15	0.46	1.29
05:00	0.00	0.00	0.03	0.03	0.09	0.06	0.15	0.46	1.34
05:30	0.00	0.00	0.00	0.03	0.13	0.06	0.18	0.46	1.40
06:00	0.00	0.00	0.00	0.01	0.10	0.03	0.18	0.46	1.42
06:30	0.00	0.00	0.00	0.01	0.09	0.01	0.15	0.44	1.29
07:00	0.00	0.00	0.00	0.00	0.04	0.00	0.10	0.34	1.21
07:30	0.00	0.00	0.00	0.00	0.03	0.00	0.06	0.27	1.11
08:00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.27	1.12
08:30	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.22	1.05
09:00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.21	0.93
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	0.87
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.78
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.69
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.66
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.62
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.62
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.61
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.58
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.49
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.49
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.47
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.53

15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.61
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.62
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.65
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15	0.77
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.75
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.16	0.78
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.77
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.78
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.83
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.86
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.87
21:00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.16	0.89
21:30	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.22	0.98
22:00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.19	0.99
22:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.15	0.96
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.18	0.99
23:30	0.00	0.00	0.01	0.01	0.01	0.01	0.07	0.16	0.96
TOTAL	0.00	0.01	0.22	0.46	1.29	0.75	2.94	10.08	43.28

In February, the observed occurrence of the RVR minimum values of below 200 meters, based on five-years observation, constitutes 0.01% (See climatological table of February, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 0.75% (See climatological table of February, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ

MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

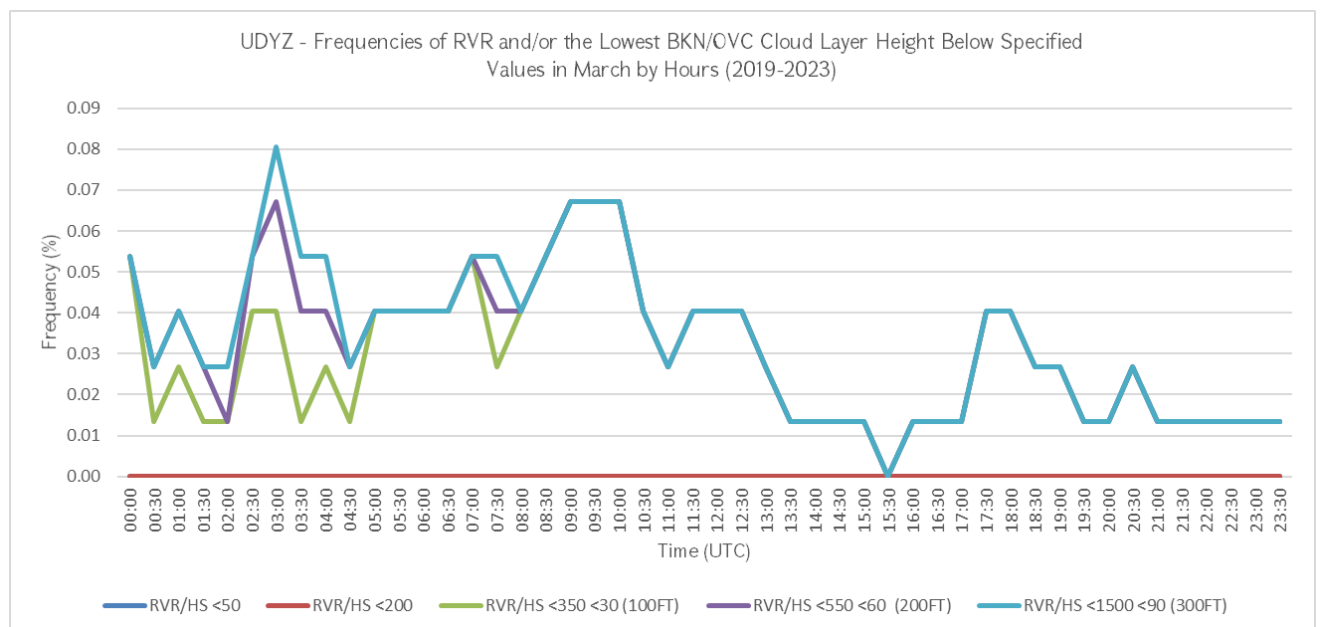
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

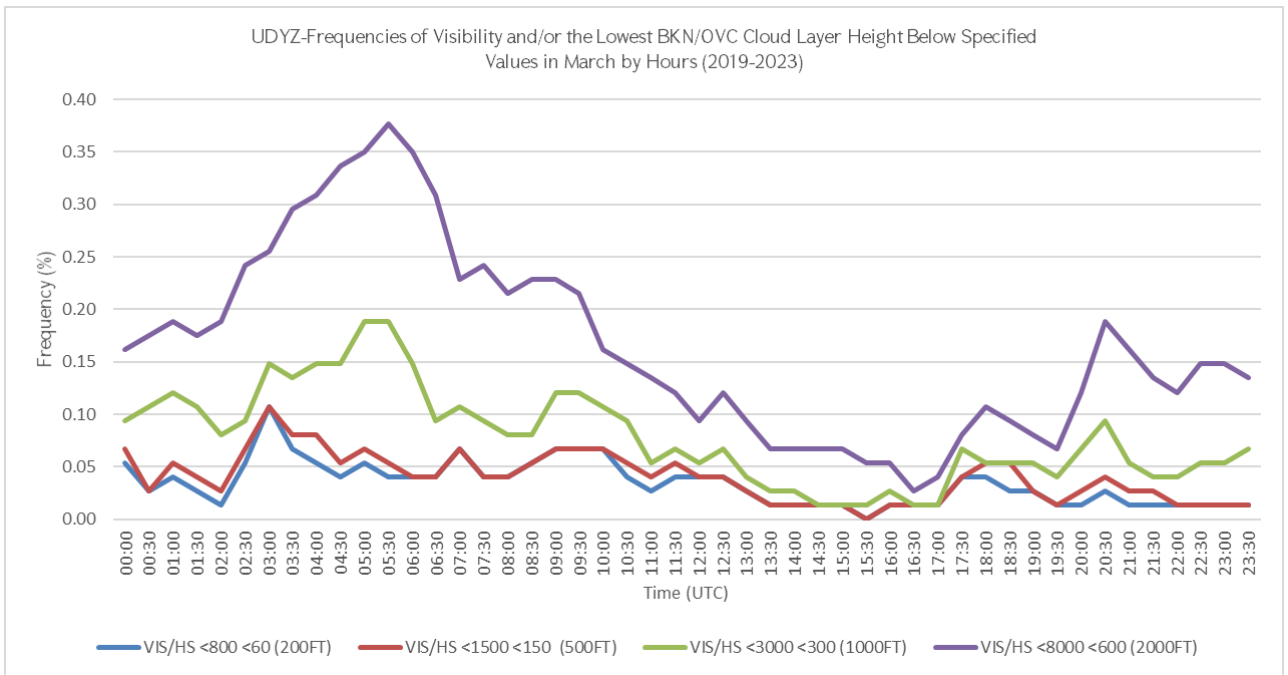
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.05	0.05	0.05	0.05	0.07	0.09	0.16
00:30	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.11	0.17
01:00	0.00	0.00	0.03	0.04	0.04	0.04	0.05	0.12	0.19
01:30	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.11	0.17
02:00	0.00	0.00	0.01	0.01	0.03	0.01	0.03	0.08	0.19
02:30	0.00	0.00	0.04	0.05	0.05	0.05	0.07	0.09	0.24
03:00	0.00	0.00	0.04	0.07	0.08	0.11	0.11	0.15	0.26
03:30	0.00	0.00	0.01	0.04	0.05	0.07	0.08	0.13	0.30
04:00	0.00	0.00	0.03	0.04	0.05	0.05	0.08	0.15	0.31
04:30	0.00	0.00	0.01	0.03	0.03	0.04	0.05	0.15	0.34
05:00	0.00	0.00	0.04	0.04	0.04	0.05	0.07	0.19	0.35
05:30	0.00	0.00	0.04	0.04	0.04	0.04	0.05	0.19	0.38
06:00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.15	0.35
06:30	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.09	0.31
07:00	0.00	0.00	0.05	0.05	0.05	0.07	0.07	0.11	0.23
07:30	0.00	0.00	0.03	0.04	0.05	0.04	0.04	0.09	0.24
08:00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.08	0.22
08:30	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.08	0.23
09:00	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.12	0.23
09:30	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.12	0.22
10:00	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.11	0.16
10:30	0.00	0.00	0.04	0.04	0.04	0.04	0.05	0.09	0.15
11:00	0.00	0.00	0.03	0.03	0.03	0.03	0.04	0.05	0.13
11:30	0.00	0.00	0.04	0.04	0.04	0.04	0.05	0.07	0.12
12:00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.05	0.09
12:30	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.07	0.12
13:00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.04	0.09
13:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.07
14:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.07
14:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.07

15:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.07
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
16:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.05
16:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.03
17:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.04
17:30	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.07	0.08
18:00	0.00	0.00	0.04	0.04	0.04	0.04	0.05	0.05	0.11
18:30	0.00	0.00	0.03	0.03	0.03	0.03	0.05	0.05	0.09
19:00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.05	0.08
19:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.04	0.07
20:00	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.07	0.12
20:30	0.00	0.00	0.03	0.03	0.03	0.03	0.04	0.09	0.19
21:00	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.05	0.16
21:30	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.04	0.13
22:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.04	0.12
22:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.05	0.15
23:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.05	0.15
23:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.07	0.13
TOTAL	0.00	0.00	1.37	1.52	1.59	1.64	1.92	3.78	7.97

In March, the observed occurrence of the RVR minimum values of below 350 meters, based on five-years observation, constitutes 1.37% (See climatological table of March, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 1.64% (See climatological table of March, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

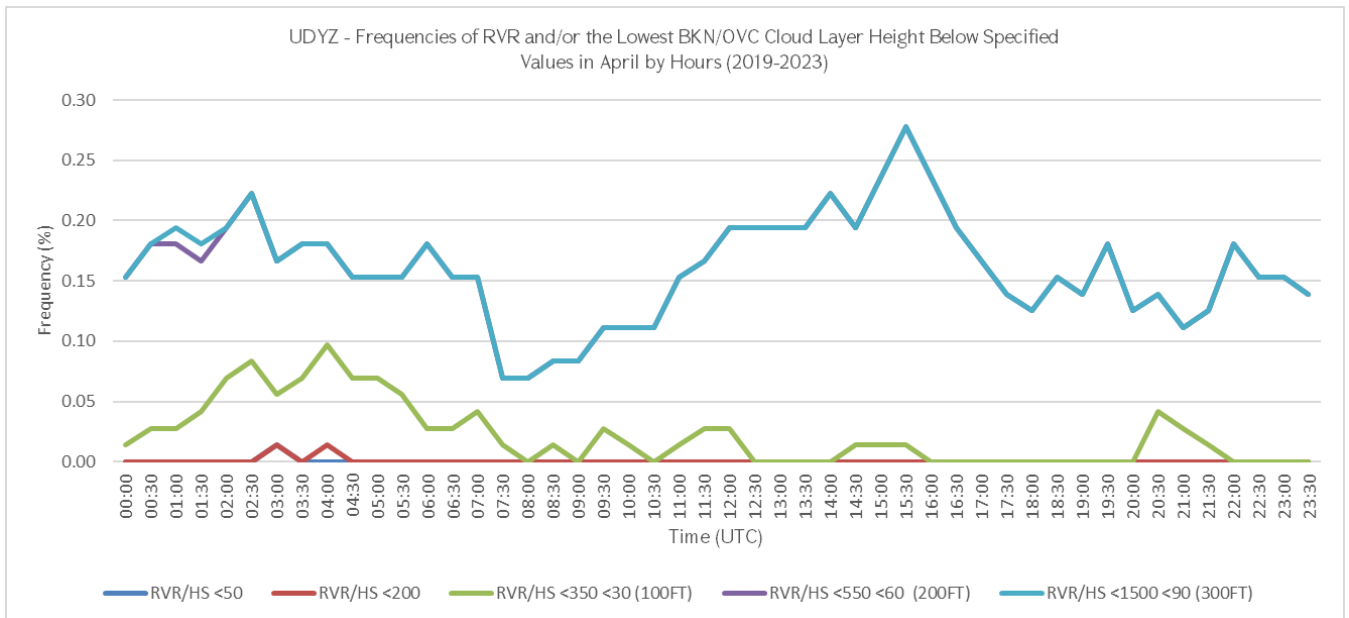
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.01	0.15	0.15	0.15	0.15	0.19	0.31
00:30	0.00	0.00	0.03	0.18	0.18	0.18	0.18	0.21	0.35
01:00	0.00	0.00	0.03	0.18	0.19	0.18	0.18	0.19	0.32
01:30	0.00	0.00	0.04	0.17	0.18	0.15	0.15	0.17	0.28
02:00	0.00	0.00	0.07	0.19	0.19	0.19	0.19	0.19	0.35
02:30	0.00	0.00	0.08	0.22	0.22	0.22	0.22	0.24	0.39
03:00	0.01	0.01	0.06	0.17	0.17	0.17	0.17	0.19	0.36
03:30	0.00	0.00	0.07	0.18	0.18	0.18	0.18	0.19	0.40
04:00	0.00	0.01	0.10	0.18	0.18	0.18	0.18	0.18	0.39
04:30	0.00	0.00	0.07	0.15	0.15	0.15	0.15	0.17	0.38
05:00	0.00	0.00	0.07	0.15	0.15	0.15	0.15	0.17	0.33
05:30	0.00	0.00	0.06	0.15	0.15	0.14	0.14	0.15	0.35
06:00	0.00	0.00	0.03	0.18	0.18	0.18	0.18	0.19	0.39
06:30	0.00	0.00	0.03	0.15	0.15	0.15	0.15	0.15	0.35
07:00	0.00	0.00	0.04	0.15	0.15	0.15	0.15	0.15	0.33
07:30	0.00	0.00	0.01	0.07	0.07	0.07	0.07	0.07	0.25
08:00	0.00	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.24
08:30	0.00	0.00	0.01	0.08	0.08	0.08	0.08	0.08	0.19
09:00	0.00	0.00	0.00	0.08	0.08	0.08	0.08	0.08	0.17
09:30	0.00	0.00	0.03	0.11	0.11	0.11	0.11	0.11	0.22
10:00	0.00	0.00	0.01	0.11	0.11	0.11	0.11	0.11	0.21
10:30	0.00	0.00	0.00	0.11	0.11	0.11	0.11	0.11	0.18
11:00	0.00	0.00	0.01	0.15	0.15	0.15	0.15	0.15	0.21
11:30	0.00	0.00	0.03	0.17	0.17	0.17	0.17	0.17	0.25
12:00	0.00	0.00	0.03	0.19	0.19	0.19	0.19	0.19	0.28
12:30	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.21	0.28
13:00	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.24
13:30	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.26
14:00	0.00	0.00	0.00	0.22	0.22	0.22	0.22	0.24	0.31
14:30	0.00	0.00	0.01	0.19	0.19	0.19	0.19	0.19	0.28
15:00	0.00	0.00	0.01	0.24	0.24	0.24	0.24	0.24	0.33

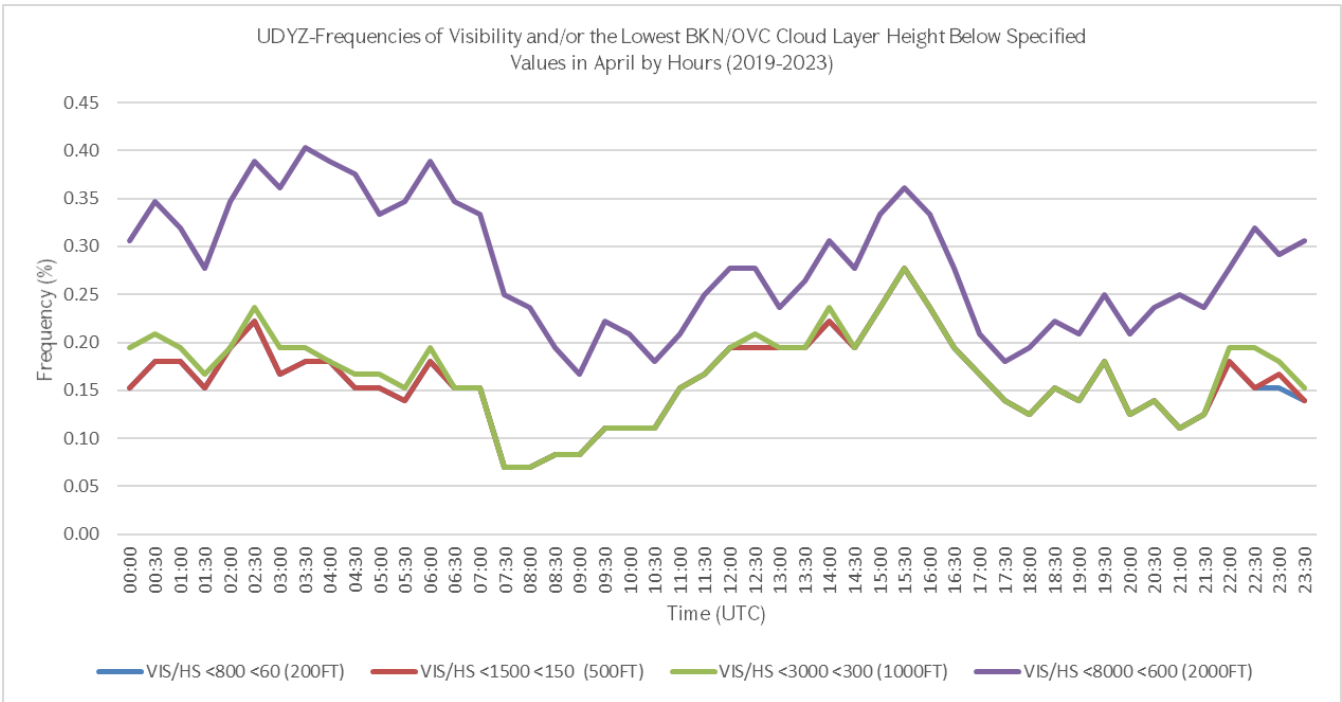
15:30	0.00	0.00	0.01	0.28	0.28	0.28	0.28	0.28	0.36
16:00	0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.24	0.33
16:30	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.28
17:00	0.00	0.00	0.00	0.17	0.17	0.17	0.17	0.17	0.21
17:30	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.18
18:00	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.19
18:30	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.22
19:00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.21
19:30	0.00	0.00	0.00	0.18	0.18	0.18	0.18	0.18	0.25
20:00	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.21
20:30	0.00	0.00	0.04	0.14	0.14	0.14	0.14	0.14	0.24
21:00	0.00	0.00	0.03	0.11	0.11	0.11	0.11	0.11	0.25
21:30	0.00	0.00	0.01	0.13	0.13	0.13	0.13	0.13	0.24
22:00	0.00	0.00	0.00	0.18	0.18	0.18	0.18	0.19	0.28
22:30	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.19	0.32
23:00	0.00	0.00	0.00	0.15	0.15	0.15	0.17	0.18	0.29
23:30	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.15	0.31
TOTAL	0.01	0.03	1.04	7.69	7.72	7.67	7.68	8.00	13.51

In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 50 meters, based on five-years observation, constitutes 0.01% (See climatological table of April, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 7.67% (See climatological table of April, Model A).







## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ

MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

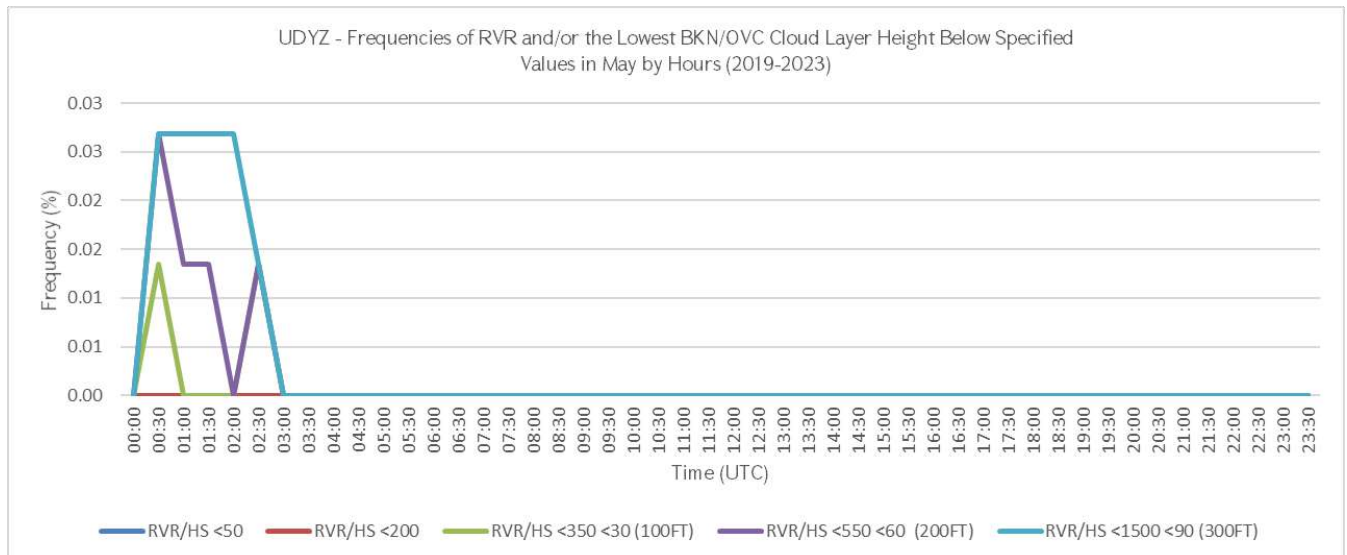
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

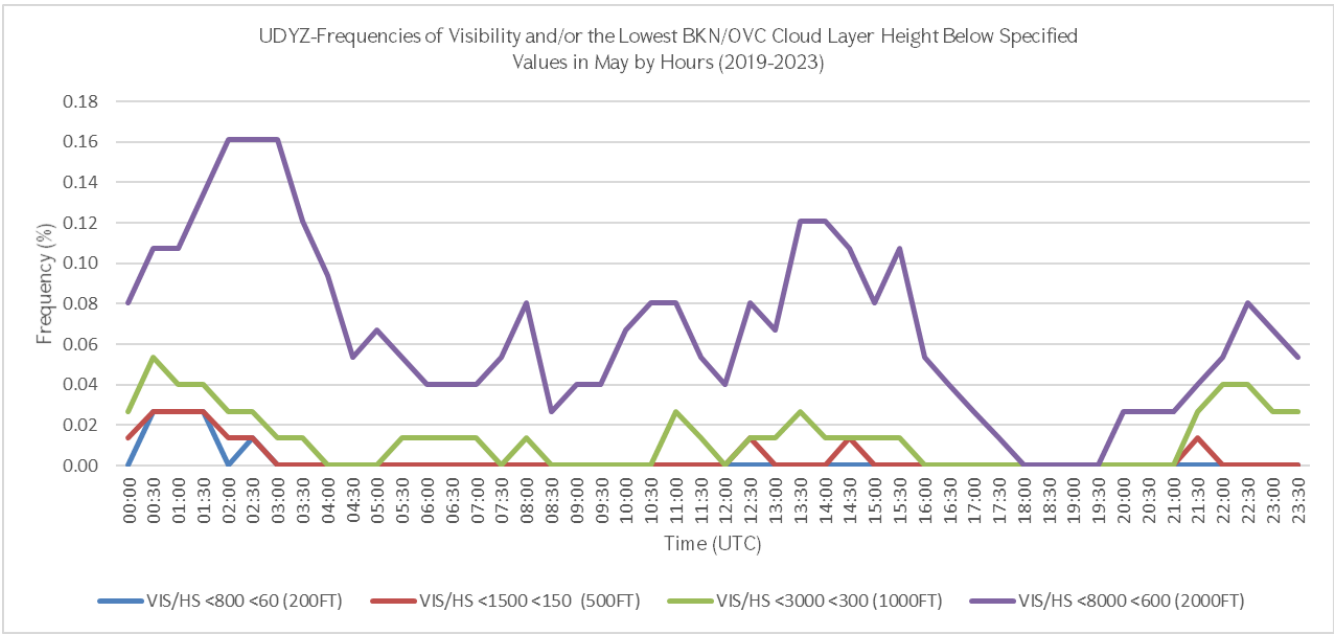
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 (100FT)	<550 (200FT)	<1500 (300FT)	<800 (200FT)	<1500 (500FT)	<3000 (1000FT)	<8000 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.08
00:30	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.05	0.11
01:00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.11
01:30	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.13
02:00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.03	0.16
02:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.16
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.16
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.08
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.11
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08

15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.04
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05
TOTAL	0.00	0.00	0.03	0.07	0.12	0.09	0.16	0.62	3.19

In May, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters, based on five-years observation, constitutes 0.03% (See climatological table of May, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 0.09% (See climatological table of May, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ

MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

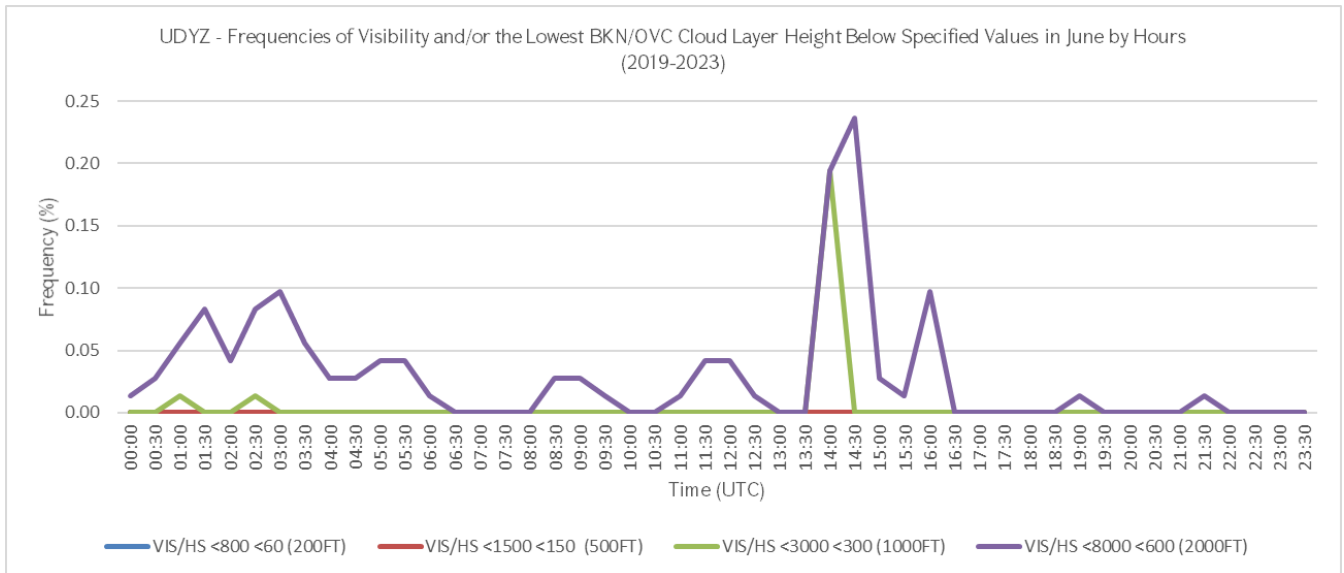
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.39

In June, based on five-years observation the RVR minimum values are not observed (See climatological table of June, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 3,000 meters and/or cloud ceiling below 1,000 feet is 0.22% (See climatological table of June, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

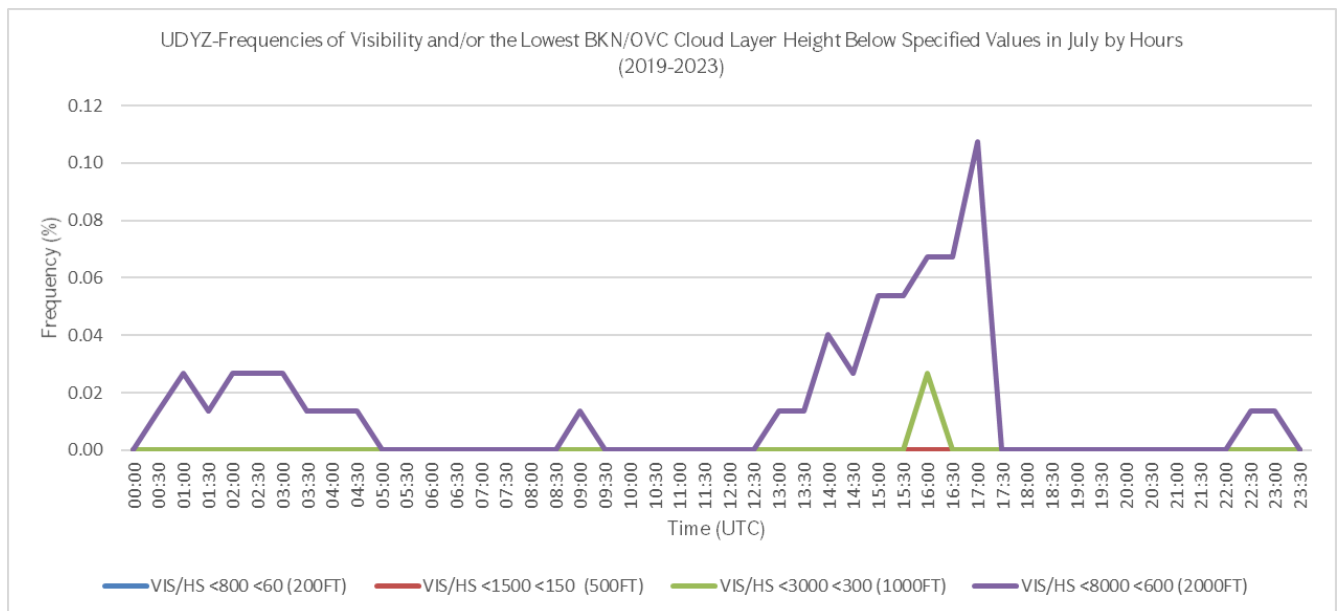
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
			<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.66

In July, based on five-years observation the RVR minimum values are not observed (See climatological table of July, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 3,000 meters and/or cloud ceiling below 1,000 feet is 0.03% (See climatological table of July, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

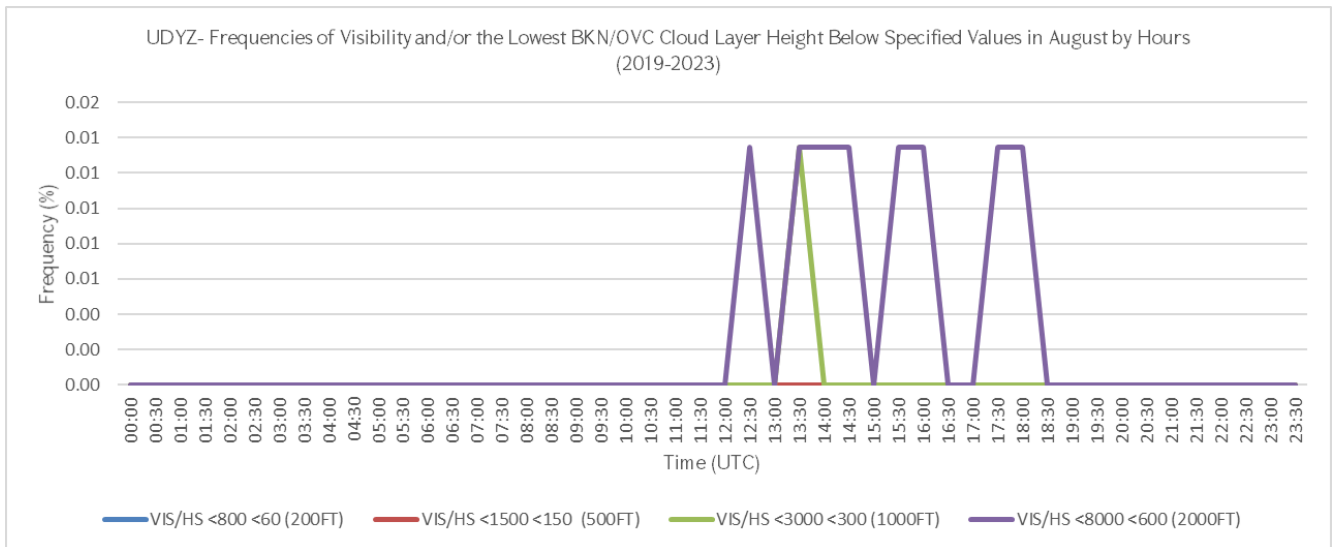
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
			<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11

In August, based on five-years observation the RVR minimum values are not observed (See climatological table of August, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 3,000 meters and/or cloud ceiling below 1,000 feet is 0.01% (See climatological table of August, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL A

#### TABULAR FORM

AERODROME: UDYZ      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

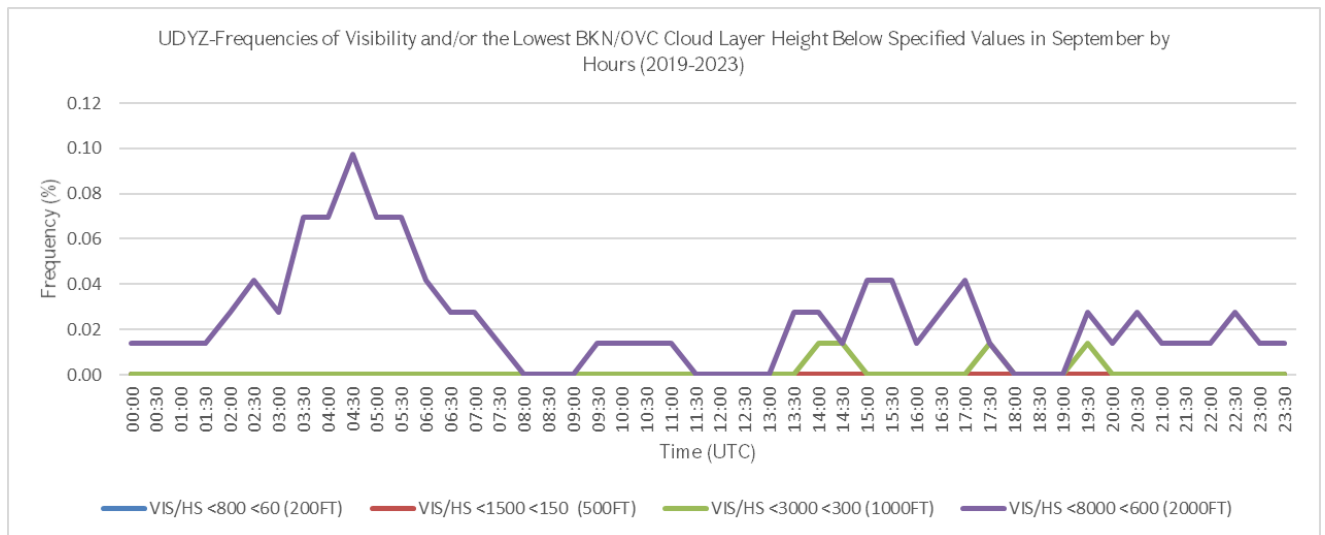
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.11

In September, based on five-years observation the RVR minimum values are not observed (See climatological table of September, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 3,000 meters and/or cloud ceiling below 1,000 feet is 0.06% (See climatological table of September, Model A).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL A**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

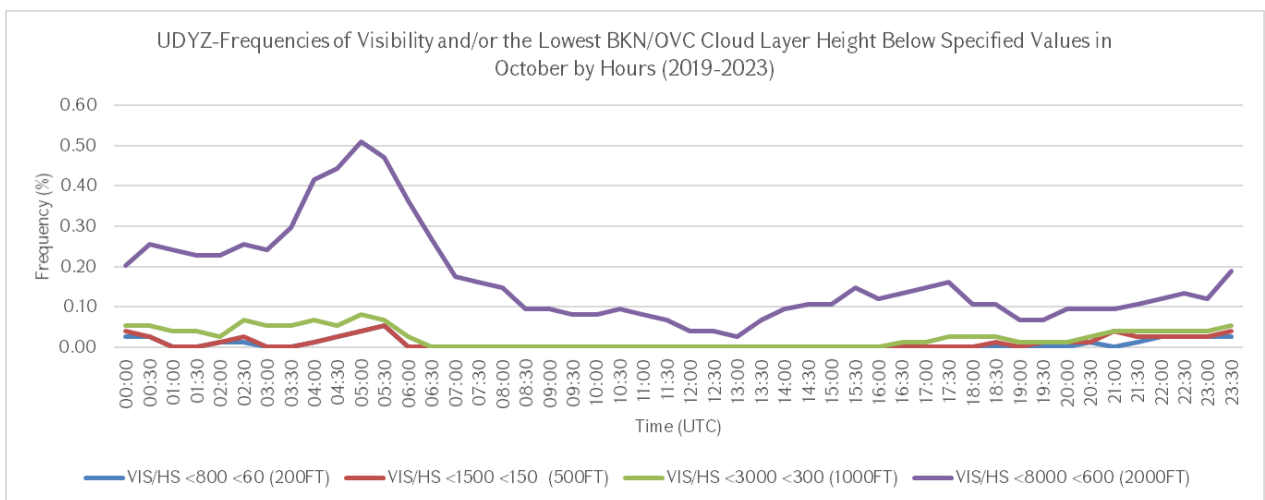
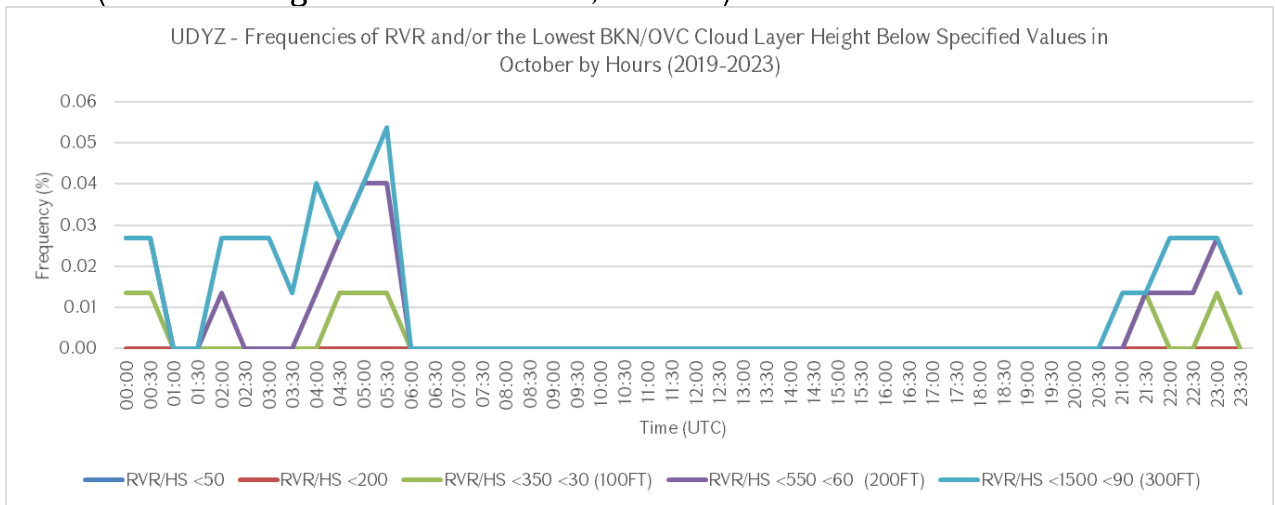
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.05	0.20
00:30	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.05	0.26
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.24
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.23
02:00	0.00	0.00	0.00	0.01	0.03	0.01	0.01	0.03	0.23
02:30	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.07	0.26
03:00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.05	0.24
03:30	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.05	0.30
04:00	0.00	0.00	0.00	0.01	0.04	0.01	0.01	0.07	0.42
04:30	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.05	0.44
05:00	0.00	0.00	0.01	0.04	0.04	0.04	0.04	0.08	0.51
05:30	0.00	0.00	0.01	0.04	0.05	0.05	0.05	0.07	0.47
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.36
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.16
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.11
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.09
20:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.09
21:00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.04	0.09
21:30	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.04	0.11
22:00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.12
22:30	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.13
23:00	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.04	0.12
23:30	0.00	0.00	0.00	0.01	0.01	0.03	0.04	0.05	0.19
TOTAL	0.00	0.00	0.09	0.27	0.43	0.35	0.48	1.12	8.00

In October, the observed occurrence of the RVR minimum values of below 350 meters, based on five-years observation, constitutes 0.09% (See climatological table of October, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 0.35% (See climatological table of October, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

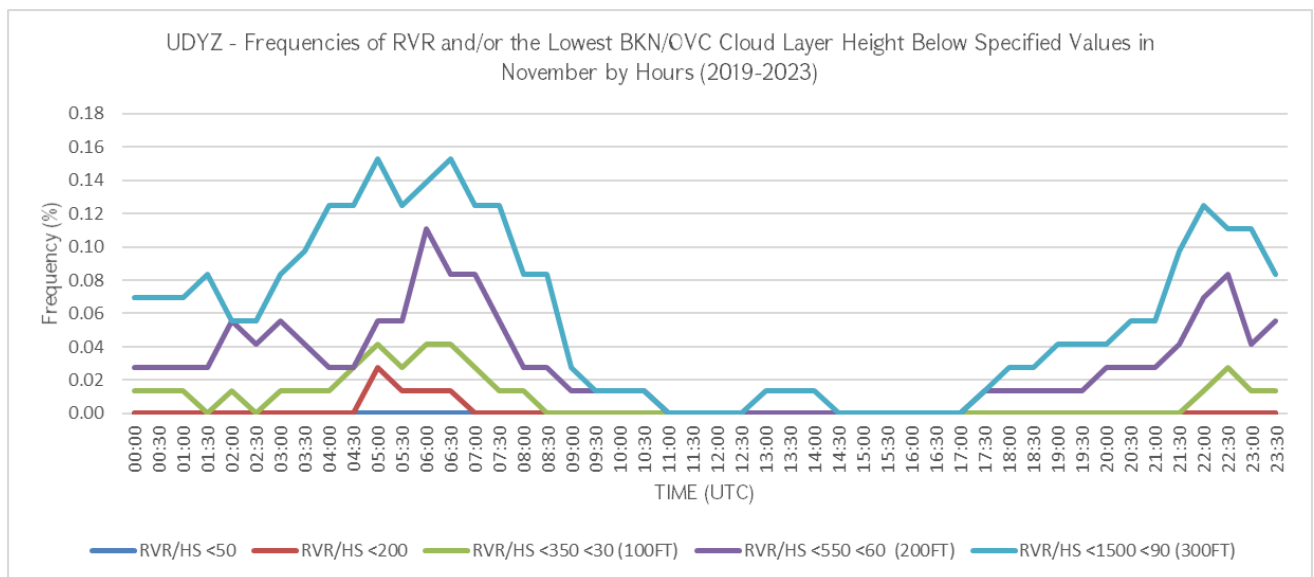
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
		<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)	
00:00	0.00	0.00	0.01	0.03	0.07	0.07	0.15	0.49	1.51
00:30	0.00	0.00	0.01	0.03	0.07	0.08	0.18	0.51	1.53
01:00	0.00	0.00	0.01	0.03	0.07	0.07	0.13	0.50	1.53
01:30	0.00	0.00	0.00	0.03	0.08	0.07	0.14	0.51	1.49
02:00	0.00	0.00	0.01	0.06	0.06	0.10	0.14	0.57	1.53
02:30	0.00	0.00	0.00	0.04	0.06	0.10	0.17	0.58	1.57
03:00	0.00	0.00	0.01	0.06	0.08	0.08	0.14	0.58	1.56
03:30	0.00	0.00	0.01	0.04	0.10	0.08	0.17	0.69	1.63
04:00	0.00	0.00	0.01	0.03	0.13	0.07	0.17	0.78	1.65
04:30	0.00	0.00	0.03	0.03	0.13	0.06	0.14	0.81	1.69
05:00	0.00	0.03	0.04	0.06	0.15	0.10	0.21	0.83	1.75
05:30	0.00	0.01	0.03	0.06	0.13	0.08	0.19	0.81	1.79
06:00	0.00	0.01	0.04	0.11	0.14	0.14	0.22	0.72	1.79
06:30	0.00	0.01	0.04	0.08	0.15	0.13	0.22	0.63	1.69
07:00	0.00	0.00	0.03	0.08	0.13	0.08	0.21	0.43	1.58
07:30	0.00	0.00	0.01	0.06	0.13	0.06	0.19	0.43	1.58
08:00	0.00	0.00	0.01	0.03	0.08	0.03	0.15	0.38	1.46
08:30	0.00	0.00	0.00	0.03	0.08	0.03	0.15	0.28	1.40
09:00	0.00	0.00	0.00	0.01	0.03	0.01	0.10	0.25	1.31
09:30	0.00	0.00	0.00	0.01	0.01	0.01	0.11	0.22	1.29
10:00	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.21	1.18
10:30	0.00	0.00	0.00	0.01	0.01	0.01	0.06	0.21	1.13
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.14	0.99
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.13	0.92
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.92
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.90
13:00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.14	0.92
13:30	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.13	0.92
14:00	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.14	1.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.13	1.11
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.17	1.21
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.19	1.31

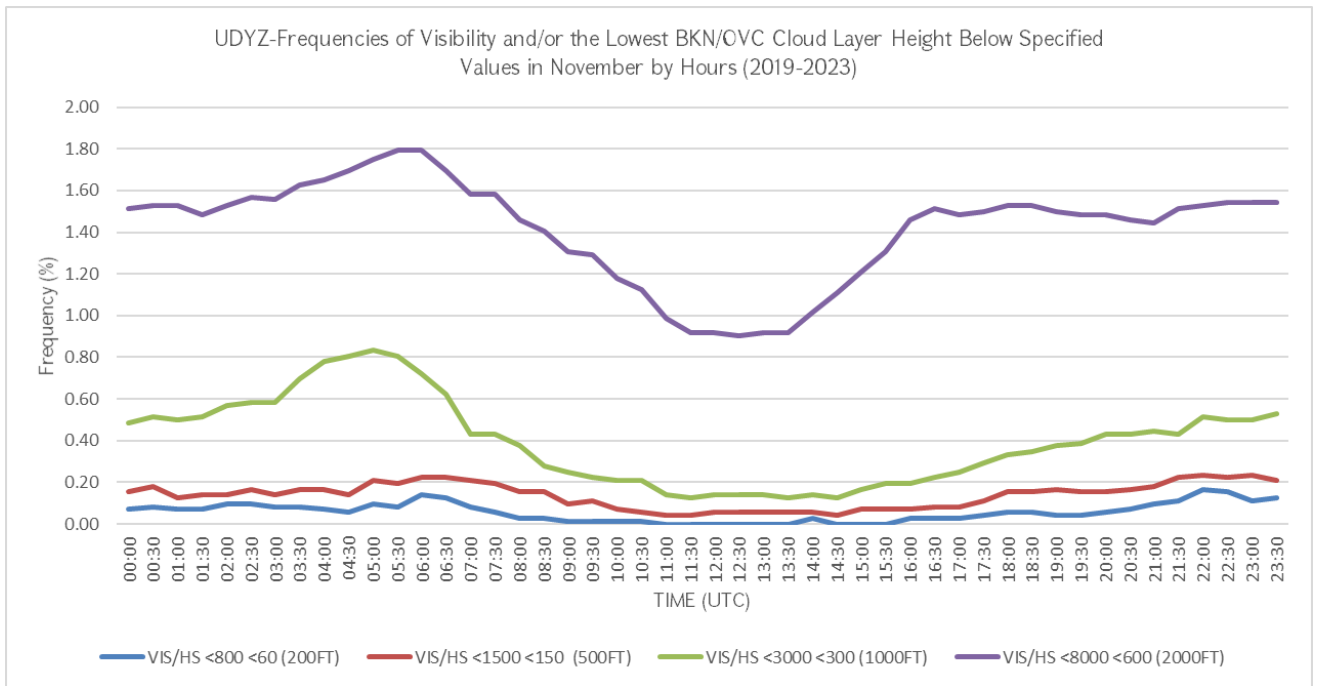
16:00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.19	1.46
16:30	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.22	1.51
17:00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.25	1.49
17:30	0.00	0.00	0.00	0.01	0.01	0.04	0.11	0.29	1.50
18:00	0.00	0.00	0.00	0.01	0.03	0.06	0.15	0.33	1.53
18:30	0.00	0.00	0.00	0.01	0.03	0.06	0.15	0.35	1.53
19:00	0.00	0.00	0.00	0.01	0.04	0.04	0.17	0.38	1.50
19:30	0.00	0.00	0.00	0.01	0.04	0.04	0.15	0.39	1.49
20:00	0.00	0.00	0.00	0.03	0.04	0.06	0.15	0.43	1.49
20:30	0.00	0.00	0.00	0.03	0.06	0.07	0.17	0.43	1.46
21:00	0.00	0.00	0.00	0.03	0.06	0.10	0.18	0.44	1.44
21:30	0.00	0.00	0.00	0.04	0.10	0.11	0.22	0.43	1.51
22:00	0.00	0.00	0.01	0.07	0.13	0.17	0.24	0.51	1.53
22:30	0.00	0.00	0.03	0.08	0.11	0.15	0.22	0.50	1.54
23:00	0.00	0.00	0.01	0.04	0.11	0.11	0.24	0.50	1.54
23:30	0.00	0.00	0.01	0.06	0.08	0.13	0.21	0.53	1.54
TOTAL	0.00	0.07	0.40	1.36	2.76	2.71	6.54	19.03	67.89

In November, the observed occurrence of the RVR minimum values of below 200 meters, based on five-years observation, constitutes 0.07% (See climatological table of November, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 2.71% (See climatological table of November, Model A).







## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL A

#### TABULAR FORM

AERODROME: UDYZ

MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

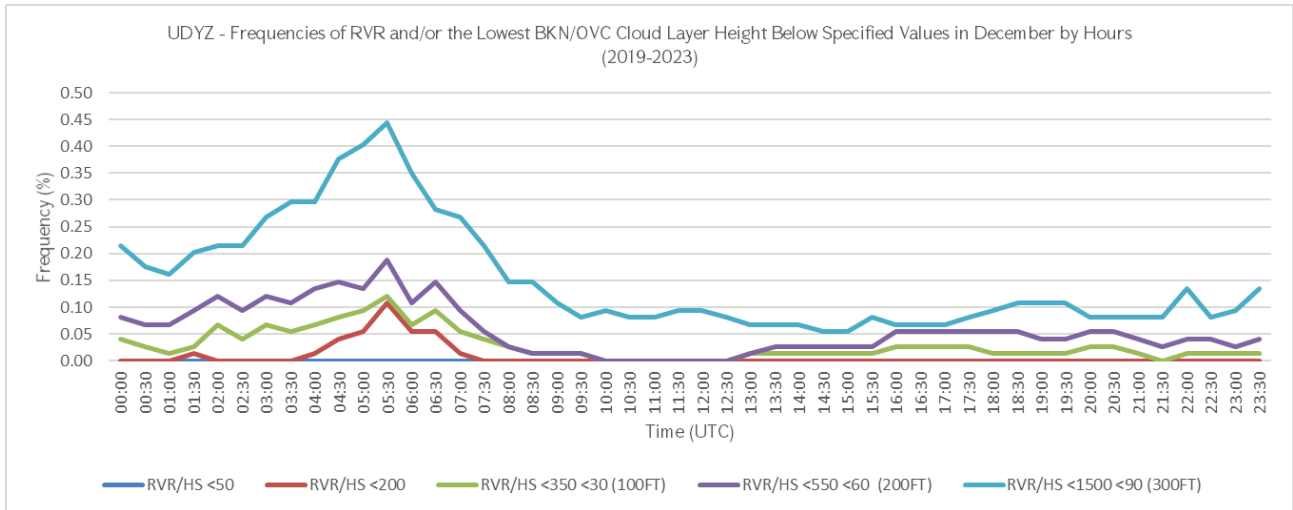
ELEVATION ABOVE MSL: 2838.0 FT MSL

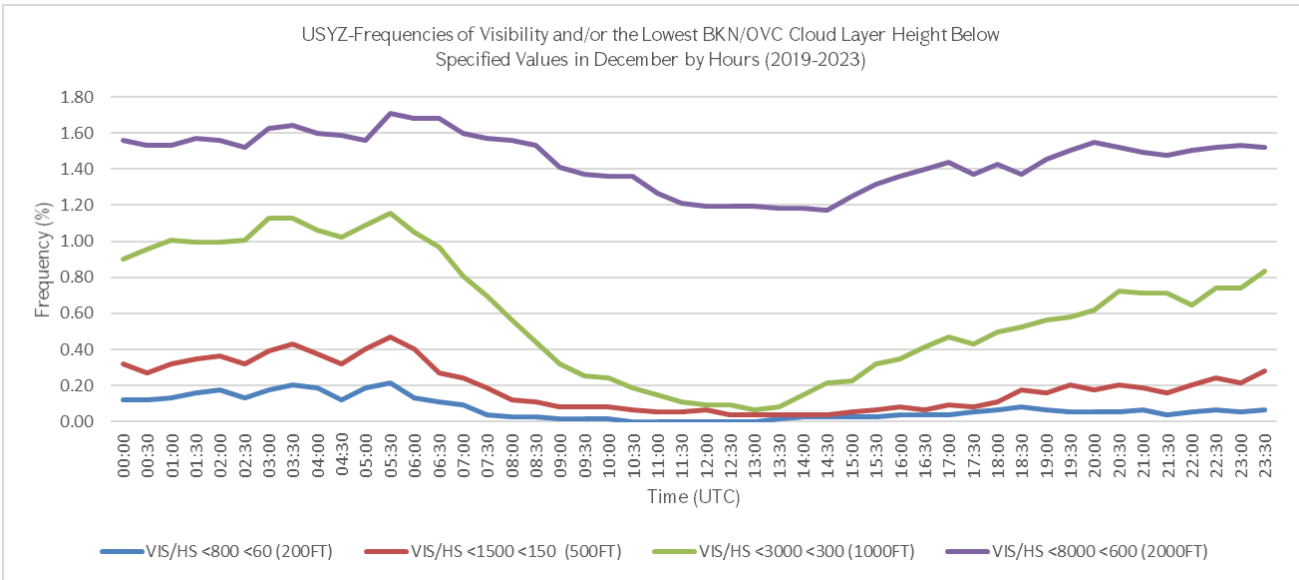
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 (100FT)	<550 (200FT)	<1500 (300FT)	<800 (200FT)	<1500 (500FT)	<3000 (1000FT)	<8000 (2000FT)
00:00	0.00	0.00	0.04	0.08	0.22	0.12	0.32	0.90	1.56
00:30	0.00	0.00	0.03	0.07	0.17	0.12	0.27	0.95	1.53
01:00	0.00	0.00	0.01	0.07	0.16	0.13	0.32	1.01	1.53
01:30	0.00	0.01	0.03	0.09	0.20	0.16	0.35	0.99	1.57
02:00	0.00	0.00	0.07	0.12	0.22	0.17	0.36	0.99	1.56
02:30	0.00	0.00	0.04	0.09	0.22	0.13	0.32	1.01	1.52
03:00	0.00	0.00	0.07	0.12	0.27	0.17	0.39	1.13	1.63
03:30	0.00	0.00	0.05	0.11	0.30	0.20	0.43	1.13	1.64
04:00	0.00	0.01	0.07	0.13	0.30	0.19	0.38	1.06	1.60
04:30	0.00	0.04	0.08	0.15	0.38	0.12	0.32	1.02	1.59
05:00	0.00	0.05	0.09	0.13	0.40	0.19	0.40	1.09	1.56
05:30	0.00	0.11	0.12	0.19	0.44	0.22	0.47	1.16	1.71
06:00	0.00	0.05	0.07	0.11	0.35	0.13	0.40	1.05	1.68
06:30	0.00	0.05	0.09	0.15	0.28	0.11	0.27	0.97	1.68
07:00	0.00	0.01	0.05	0.09	0.27	0.09	0.24	0.81	1.60
07:30	0.00	0.00	0.04	0.05	0.22	0.04	0.19	0.70	1.57
08:00	0.00	0.00	0.03	0.03	0.15	0.03	0.12	0.56	1.56
08:30	0.00	0.00	0.01	0.01	0.15	0.03	0.11	0.44	1.53
09:00	0.00	0.00	0.01	0.01	0.11	0.01	0.08	0.32	1.41
09:30	0.00	0.00	0.01	0.01	0.08	0.01	0.08	0.26	1.37
10:00	0.00	0.00	0.00	0.00	0.09	0.01	0.08	0.24	1.36
10:30	0.00	0.00	0.00	0.00	0.08	0.00	0.07	0.19	1.36
11:00	0.00	0.00	0.00	0.00	0.08	0.00	0.05	0.15	1.26
11:30	0.00	0.00	0.00	0.00	0.09	0.00	0.05	0.11	1.21
12:00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.09	1.20
12:30	0.00	0.00	0.00	0.00	0.08	0.00	0.04	0.09	1.20
13:00	0.00	0.00	0.01	0.01	0.07	0.00	0.04	0.07	1.20
13:30	0.00	0.00	0.01	0.03	0.07	0.01	0.04	0.08	1.18
14:00	0.00	0.00	0.01	0.03	0.07	0.03	0.04	0.15	1.18
14:30	0.00	0.00	0.01	0.03	0.05	0.03	0.04	0.22	1.17
15:00	0.00	0.00	0.01	0.03	0.05	0.03	0.05	0.23	1.25
15:30	0.00	0.00	0.01	0.03	0.08	0.03	0.07	0.32	1.32

16:00	0.00	0.00	0.03	0.05	0.07	0.04	0.08	0.35	1.36
16:30	0.00	0.00	0.03	0.05	0.07	0.04	0.07	0.42	1.40
17:00	0.00	0.00	0.03	0.05	0.07	0.04	0.09	0.47	1.44
17:30	0.00	0.00	0.03	0.05	0.08	0.05	0.08	0.43	1.37
18:00	0.00	0.00	0.01	0.05	0.09	0.07	0.11	0.50	1.42
18:30	0.00	0.00	0.01	0.05	0.11	0.08	0.17	0.52	1.37
19:00	0.00	0.00	0.01	0.04	0.11	0.07	0.16	0.56	1.45
19:30	0.00	0.00	0.01	0.04	0.11	0.05	0.20	0.58	1.51
20:00	0.00	0.00	0.03	0.05	0.08	0.05	0.17	0.62	1.55
20:30	0.00	0.00	0.03	0.05	0.08	0.05	0.20	0.73	1.52
21:00	0.00	0.00	0.01	0.04	0.08	0.07	0.19	0.71	1.49
21:30	0.00	0.00	0.00	0.03	0.08	0.04	0.16	0.71	1.48
22:00	0.00	0.00	0.01	0.04	0.13	0.05	0.20	0.65	1.51
22:30	0.00	0.00	0.01	0.04	0.08	0.07	0.24	0.74	1.52
23:00	0.00	0.00	0.01	0.03	0.09	0.05	0.22	0.74	1.53
23:30	0.00	0.00	0.01	0.04	0.13	0.07	0.28	0.83	1.52
TOTAL	0.00	0.35	1.38	2.70	7.24	3.43	9.11	29.05	69.70

In December, the observed occurrence of the RVR minimum values of below 200 meters, based on five-years observation, constitutes 0.35% (See climatological table of December, Model A).

For “Zvartnots” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 3.43% (See climatological table of December, Model A).





## 4.1.1 Visibility

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY

MODEL B

#### TABULAR FORM

AERODROME: UDYZ

MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.07	0.11	0.11	0.12	0.28	0.85	1.40	1.60
00:30	0.05	0.09	0.13	0.17	0.27	0.87	1.37	1.59
01:00	0.09	0.12	0.15	0.20	0.28	0.86	1.36	1.57
01:30	0.08	0.15	0.16	0.22	0.30	0.90	1.33	1.59
02:00	0.09	0.13	0.15	0.17	0.30	0.89	1.33	1.60
02:30	0.11	0.15	0.17	0.20	0.30	0.89	1.32	1.61
03:00	0.12	0.15	0.19	0.20	0.34	0.89	1.36	1.64
03:30	0.12	0.15	0.19	0.23	0.34	0.98	1.40	1.65
04:00	0.08	0.15	0.17	0.19	0.35	1.03	1.42	1.67
04:30	0.11	0.17	0.19	0.20	0.34	1.09	1.45	1.64
05:00	0.09	0.13	0.15	0.17	0.30	1.10	1.47	1.69
05:30	0.11	0.13	0.20	0.20	0.27	1.02	1.47	1.69
06:00	0.08	0.11	0.12	0.12	0.23	0.95	1.44	1.68
06:30	0.07	0.08	0.09	0.09	0.22	0.86	1.42	1.68
07:00	0.07	0.07	0.12	0.12	0.17	0.70	1.36	1.68
07:30	0.04	0.05	0.05	0.08	0.20	0.60	1.25	1.61
08:00	0.03	0.05	0.05	0.05	0.16	0.46	1.16	1.59
08:30	0.03	0.04	0.05	0.05	0.11	0.39	0.97	1.56
09:00	0.01	0.04	0.04	0.04	0.08	0.36	0.82	1.48
09:30	0.01	0.03	0.04	0.04	0.07	0.34	0.77	1.38
10:00	0.00	0.03	0.03	0.04	0.04	0.30	0.69	1.36
10:30	0.00	0.00	0.03	0.03	0.07	0.28	0.59	1.32
11:00	0.00	0.00	0.00	0.01	0.08	0.24	0.52	1.24
11:30	0.00	0.00	0.00	0.03	0.05	0.24	0.54	1.22
12:00	0.00	0.00	0.00	0.03	0.05	0.24	0.51	1.13
12:30	0.00	0.00	0.00	0.04	0.05	0.23	0.48	1.08
13:00	0.00	0.01	0.04	0.04	0.07	0.24	0.47	1.06
13:30	0.00	0.03	0.04	0.04	0.05	0.26	0.48	1.08
14:00	0.00	0.03	0.03	0.05	0.07	0.26	0.48	1.09

14:30	0.01	0.01	0.01	0.05	0.05	0.24	0.50	1.13
15:00	0.01	0.01	0.04	0.05	0.08	0.26	0.52	1.18
15:30	0.01	0.01	0.03	0.05	0.11	0.31	0.63	1.24
16:00	0.01	0.03	0.05	0.07	0.13	0.36	0.73	1.32
16:30	0.03	0.04	0.04	0.05	0.15	0.36	0.83	1.37
17:00	0.01	0.03	0.04	0.05	0.16	0.38	0.94	1.49
17:30	0.03	0.04	0.04	0.07	0.16	0.38	0.99	1.55
18:00	0.03	0.04	0.04	0.07	0.19	0.40	1.02	1.57
18:30	0.03	0.04	0.05	0.09	0.20	0.43	1.01	1.55
19:00	0.03	0.05	0.07	0.08	0.22	0.48	1.02	1.57
19:30	0.05	0.05	0.08	0.09	0.20	0.50	1.03	1.57
20:00	0.04	0.05	0.08	0.09	0.20	0.55	1.13	1.60
20:30	0.03	0.05	0.07	0.11	0.22	0.58	1.16	1.63
21:00	0.04	0.07	0.09	0.11	0.20	0.63	1.14	1.63
21:30	0.07	0.07	0.08	0.09	0.23	0.65	1.24	1.68
22:00	0.05	0.07	0.08	0.09	0.20	0.63	1.22	1.68
22:30	0.05	0.08	0.09	0.09	0.17	0.69	1.28	1.65
23:00	0.07	0.08	0.12	0.12	0.22	0.73	1.33	1.63
23:30	0.08	0.12	0.12	0.13	0.26	0.74	1.36	1.56
Mean	0.04	0.07	0.08	0.10	0.18	0.58	1.04	1.49

According to the climatological table of January the mean percentage of visibility values below 8,000 meters is 1.49%, correspondingly, the mean percentage of 98.51% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.04% (See climatological table of January, Model B).

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL B**

**TABULAR FORM**

AERODROME: UDYZ

MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N    LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.01	0.01	0.01	0.03	0.09	0.19	0.46	0.86
00:30	0.01	0.03	0.03	0.04	0.09	0.22	0.47	0.95
01:00	0.01	0.01	0.01	0.03	0.06	0.24	0.49	0.98
01:30	0.01	0.03	0.03	0.03	0.09	0.22	0.49	0.98
02:00	0.01	0.01	0.01	0.01	0.07	0.31	0.52	0.98
02:30	0.03	0.03	0.03	0.06	0.12	0.31	0.53	0.98
03:00	0.01	0.01	0.03	0.03	0.09	0.31	0.53	0.99
03:30	0.01	0.01	0.03	0.04	0.12	0.33	0.59	1.03
04:00	0.01	0.01	0.03	0.03	0.10	0.35	0.65	1.11
04:30	0.03	0.03	0.04	0.06	0.12	0.35	0.66	1.17
05:00	0.01	0.03	0.04	0.06	0.07	0.37	0.69	1.23
05:30	0.00	0.01	0.01	0.03	0.09	0.34	0.69	1.29
06:00	0.00	0.00	0.00	0.01	0.07	0.34	0.59	1.30
06:30	0.00	0.00	0.00	0.00	0.07	0.33	0.58	1.20
07:00	0.00	0.00	0.00	0.00	0.03	0.24	0.50	1.05
07:30	0.00	0.00	0.00	0.00	0.03	0.18	0.43	1.00
08:00	0.00	0.00	0.00	0.00	0.01	0.13	0.35	0.98
08:30	0.00	0.00	0.00	0.00	0.01	0.10	0.33	0.92
09:00	0.00	0.00	0.00	0.00	0.01	0.09	0.25	0.80
09:30	0.00	0.00	0.00	0.00	0.00	0.06	0.19	0.74
10:00	0.00	0.00	0.00	0.00	0.00	0.04	0.19	0.65
10:30	0.00	0.00	0.00	0.00	0.00	0.03	0.18	0.61
11:00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.58
11:30	0.00	0.00	0.00	0.00	0.00	0.01	0.16	0.53
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.53
12:30	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.50
13:00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.47
13:30	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.41
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.41
14:30	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.43
15:00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	0.49
15:30	0.00	0.00	0.00	0.00	0.01	0.04	0.19	0.56

16:00	0.00	0.00	0.00	0.00	0.00	0.06	0.22	0.59
16:30	0.00	0.00	0.00	0.00	0.01	0.10	0.25	0.66
17:00	0.00	0.00	0.00	0.00	0.04	0.13	0.28	0.75
17:30	0.00	0.00	0.00	0.00	0.03	0.13	0.28	0.74
18:00	0.00	0.00	0.00	0.00	0.03	0.15	0.33	0.78
18:30	0.00	0.00	0.00	0.00	0.00	0.13	0.31	0.78
19:00	0.00	0.00	0.00	0.00	0.00	0.12	0.34	0.80
19:30	0.00	0.00	0.00	0.00	0.01	0.16	0.38	0.84
20:00	0.00	0.00	0.00	0.00	0.03	0.12	0.34	0.87
20:30	0.00	0.00	0.00	0.00	0.03	0.15	0.41	0.92
21:00	0.00	0.01	0.01	0.01	0.06	0.19	0.38	0.92
21:30	0.00	0.00	0.00	0.00	0.04	0.19	0.43	0.95
22:00	0.00	0.00	0.00	0.00	0.03	0.18	0.46	0.96
22:30	0.00	0.00	0.00	0.01	0.06	0.15	0.43	0.96
23:00	0.00	0.00	0.00	0.00	0.06	0.15	0.43	0.96
23:30	0.01	0.01	0.01	0.01	0.06	0.15	0.43	0.93
Mean	0.004	0.01	0.01	0.01	0.04	0.16	0.36	0.84

According to the climatological table of February the mean percentage of visibility values below 8,000 meters is 0.84%, correspondingly, the mean percentage of 99.16% constitutes the visibility values of 8000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.004% (See climatological table of February, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N    LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.01	0.04	0.08	0.08
00:30	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.12
01:00	0.00	0.00	0.00	0.00	0.01	0.08	0.11	0.12
01:30	0.00	0.00	0.00	0.00	0.01	0.08	0.12	0.13
02:00	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.15
02:30	0.00	0.00	0.00	0.00	0.01	0.04	0.13	0.16
03:00	0.00	0.00	0.01	0.04	0.04	0.08	0.16	0.19
03:30	0.00	0.01	0.01	0.03	0.04	0.09	0.24	0.26
04:00	0.01	0.01	0.01	0.01	0.03	0.09	0.23	0.24
04:30	0.01	0.01	0.01	0.01	0.01	0.11	0.26	0.27
05:00	0.00	0.01	0.01	0.01	0.01	0.12	0.24	0.26
05:30	0.00	0.00	0.00	0.00	0.00	0.11	0.26	0.27
06:00	0.00	0.00	0.00	0.00	0.00	0.08	0.23	0.26
06:30	0.00	0.00	0.00	0.00	0.00	0.01	0.19	0.20
07:00	0.00	0.00	0.00	0.01	0.01	0.03	0.09	0.12
07:30	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.12
08:00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.08
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07
09:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.08
09:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.08
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05
10:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05
11:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.05
11:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05
12:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.04
12:30	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05
13:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.04
13:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04
15:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.04

16:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:30	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.04
18:00	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.05
18:30	0.00	0.00	0.00	0.00	0.03	0.03	0.05	0.05
19:00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05
19:30	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.05
20:00	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.08
20:30	0.00	0.00	0.00	0.00	0.00	0.05	0.12	0.13
21:00	0.00	0.00	0.00	0.00	0.01	0.03	0.11	0.12
21:30	0.00	0.00	0.00	0.00	0.01	0.01	0.08	0.08
22:00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.08
22:30	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.09
23:00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.08
23:30	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.08
Mean	0.001	0.001	0.001	0.003	0.01	0.03	0.09	0.10

According to the climatological table of March the mean percentage of visibility values below 8,000 meters is 0.10%, correspondingly, the mean percentage of 99.90% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.001% (See climatological table of March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL B

#### TABULAR FORM

AERODROME: UDYZ      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.14
00:30	0.01	0.01	0.01	0.01	0.01	0.04	0.06	0.17
01:00	0.01	0.01	0.01	0.01	0.01	0.03	0.06	0.14
01:30	0.01	0.01	0.01	0.01	0.01	0.03	0.06	0.14
02:00	0.03	0.03	0.03	0.03	0.03	0.03	0.08	0.18
02:30	0.03	0.03	0.03	0.03	0.03	0.04	0.07	0.19
03:00	0.01	0.03	0.03	0.03	0.03	0.06	0.08	0.22
03:30	0.01	0.03	0.03	0.03	0.03	0.04	0.07	0.25
04:00	0.01	0.01	0.01	0.03	0.03	0.03	0.06	0.24
04:30	0.00	0.01	0.01	0.01	0.01	0.03	0.06	0.24
05:00	0.00	0.01	0.01	0.01	0.01	0.03	0.06	0.19
05:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.21
06:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.19
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.14
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.08
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.10

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.14
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
22:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.10
22:30	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.15
23:00	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.14
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15
Mean	0.003	0.004	0.004	0.004	0.005	0.01	0.02	0.12

According to the climatological table of April the mean percentage of visibility values below 8,000 meters is 0.12%, correspondingly, the mean percentage of 99.88% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.003% (See climatological table of April, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDYZ

MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N    LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.08
00:30	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.09
01:00	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.09
01:30	0.00	0.00	0.01	0.01	0.01	0.03	0.04	0.12
02:00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.15
02:30	0.00	0.00	0.01	0.01	0.01	0.03	0.08	0.16
03:00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.16
03:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.12
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
08:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
11:00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.07
11:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.05
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21:30	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03
22:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
22:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.05
23:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.05
23:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
Mean	0.001	0.001	0.001	0.001	0.002	0.007	0.02	0.06

According to the climatological table of May the mean percentage of visibility values below 8,000 meters is 0.06%, correspondingly, the mean percentage of 99.94% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.001% (See climatological table of May, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.19
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.004	0.008	0.03

According to the climatological table of June the mean percentage of visibility values below 8,000 meters is 0.03%, correspondingly, the mean percentage of 99.97% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 3,000 meters is 0.004% (See climatological table of June, Model B).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL B**

AERODROME: UDYZ      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
16:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.05

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.01

According to the climatological table of July the mean percentage of visibility values below 8,000 meters is 0.01%, correspondingly, the mean percentage of 99.99% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 5,000 meters is 0.002% (See climatological table of July, Model B).

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL B**

AERODROME: UDYZ

MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

According to the climatological table of August the mean percentage of visibility values below 8,000 meters is 0.01%, correspondingly, the mean percentage of 99.99% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 3,000 meters is 0.01% (See climatological table of August, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL B

#### TABULAR FORM

AERODROME: UDYZ      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS : 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
17:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Mean	0.00	0.00	0.00	0.00	0.00	0.001	0.004	0.02

According to the climatological table of September the mean percentage of visibility values below 8,000 meters is 0.02%, correspondingly, the mean percentage of 99.98% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 3,000 meters is 0.001% (See climatological table of September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDYZ MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.01	0.01	0.01	0.01	0.03	0.05	0.07	0.23
00:30	0.01	0.01	0.01	0.01	0.01	0.05	0.09	0.28
01:00	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.28
01:30	0.00	0.00	0.00	0.00	0.01	0.05	0.09	0.27
02:00	0.00	0.00	0.01	0.01	0.01	0.04	0.09	0.23
02:30	0.00	0.03	0.03	0.03	0.03	0.05	0.12	0.26
03:00	0.00	0.00	0.01	0.01	0.01	0.08	0.12	0.26
03:30	0.00	0.00	0.01	0.01	0.01	0.07	0.15	0.34
04:00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.48
04:30	0.00	0.01	0.01	0.01	0.01	0.05	0.12	0.55
05:00	0.00	0.01	0.01	0.01	0.01	0.05	0.13	0.62
05:30	0.00	0.01	0.03	0.03	0.03	0.04	0.12	0.55
06:00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.40
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.34
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.23
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.19
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15
16:30	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.17
17:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.16

17:30	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.19
18:00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.17
18:30	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.15
19:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.13
19:30	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.13
20:00	0.00	0.00	0.00	0.00	0.01	0.01	0.07	0.16
20:30	0.00	0.00	0.01	0.01	0.01	0.03	0.08	0.16
21:00	0.00	0.00	0.00	0.00	0.03	0.04	0.09	0.15
21:30	0.00	0.00	0.01	0.01	0.01	0.04	0.09	0.16
22:00	0.00	0.01	0.01	0.01	0.01	0.04	0.09	0.17
22:30	0.00	0.01	0.01	0.01	0.01	0.04	0.11	0.19
23:00	0.01	0.01	0.01	0.01	0.01	0.04	0.08	0.19
23:30	0.00	0.00	0.00	0.01	0.04	0.05	0.11	0.22
Mean	0.001	0.003	0.004	0.005	0.01	0.02	0.06	0.20

According to the climatological table of October the mean percentage of visibility values below 8,000 meters is 0.20%, correspondingly, the mean percentage of 99.80% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.001% (See climatological table of October, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL B

#### TABULAR FORM

AERODROME: UDYZ    MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N    LONGITUDE: 044 20 18 E

LEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.01	0.01	0.03	0.04	0.10	0.32	0.75	1.28
00:30	0.04	0.04	0.04	0.06	0.13	0.35	0.76	1.29
01:00	0.03	0.04	0.06	0.06	0.10	0.38	0.83	1.29
01:30	0.03	0.03	0.04	0.06	0.10	0.36	0.82	1.26
02:00	0.01	0.03	0.03	0.04	0.08	0.39	0.83	1.28
02:30	0.01	0.03	0.03	0.04	0.11	0.40	0.90	1.32
03:00	0.01	0.01	0.03	0.03	0.08	0.42	0.93	1.32
03:30	0.01	0.01	0.01	0.04	0.10	0.47	0.97	1.36
04:00	0.01	0.03	0.03	0.04	0.11	0.53	0.94	1.39
04:30	0.00	0.03	0.03	0.04	0.10	0.51	0.99	1.44
05:00	0.03	0.03	0.04	0.07	0.13	0.51	1.00	1.49
05:30	0.03	0.04	0.04	0.04	0.10	0.50	1.00	1.54
06:00	0.01	0.06	0.06	0.06	0.08	0.39	0.94	1.51
06:30	0.01	0.04	0.04	0.07	0.08	0.31	0.83	1.40
07:00	0.01	0.03	0.03	0.03	0.08	0.19	0.72	1.29
07:30	0.00	0.01	0.01	0.01	0.07	0.18	0.51	1.26
08:00	0.00	0.00	0.01	0.01	0.06	0.17	0.40	1.18
08:30	0.00	0.00	0.00	0.00	0.06	0.11	0.33	1.11
09:00	0.00	0.00	0.00	0.00	0.01	0.10	0.32	1.03
09:30	0.00	0.00	0.00	0.00	0.03	0.10	0.22	0.97
10:00	0.00	0.00	0.00	0.00	0.01	0.08	0.21	0.89
10:30	0.00	0.00	0.00	0.00	0.01	0.08	0.15	0.86
11:00	0.00	0.00	0.00	0.00	0.01	0.07	0.15	0.75
11:30	0.00	0.00	0.00	0.00	0.01	0.07	0.14	0.71
12:00	0.00	0.00	0.00	0.00	0.01	0.06	0.13	0.68
12:30	0.00	0.00	0.00	0.00	0.01	0.06	0.13	0.67
13:00	0.00	0.00	0.00	0.00	0.01	0.06	0.14	0.68
13:30	0.00	0.00	0.00	0.00	0.01	0.06	0.21	0.71
14:00	0.00	0.00	0.00	0.01	0.01	0.06	0.22	0.79
14:30	0.00	0.00	0.00	0.00	0.01	0.06	0.28	0.86
15:00	0.00	0.00	0.00	0.00	0.03	0.08	0.40	0.94
15:30	0.00	0.00	0.00	0.00	0.03	0.10	0.51	1.07
16:00	0.00	0.01	0.01	0.01	0.03	0.10	0.56	1.17
16:30	0.00	0.01	0.01	0.01	0.04	0.14	0.63	1.25
17:00	0.01	0.01	0.01	0.01	0.03	0.15	0.61	1.24

17:30	0.01	0.01	0.01	0.01	0.04	0.18	0.63	1.25
18:00	0.00	0.01	0.01	0.03	0.08	0.19	0.64	1.26
18:30	0.00	0.01	0.01	0.03	0.07	0.21	0.63	1.28
19:00	0.01	0.01	0.01	0.01	0.08	0.24	0.65	1.28
19:30	0.01	0.01	0.01	0.01	0.07	0.26	0.64	1.26
20:00	0.01	0.01	0.01	0.01	0.07	0.29	0.63	1.26
20:30	0.01	0.01	0.01	0.03	0.08	0.29	0.65	1.24
21:00	0.01	0.01	0.03	0.04	0.10	0.32	0.65	1.22
21:30	0.03	0.03	0.06	0.06	0.14	0.29	0.69	1.26
22:00	0.03	0.06	0.06	0.08	0.14	0.33	0.71	1.25
22:30	0.04	0.04	0.06	0.08	0.13	0.32	0.71	1.25
23:00	0.04	0.04	0.07	0.07	0.14	0.32	0.72	1.26
23:30	0.03	0.04	0.04	0.07	0.13	0.35	0.75	1.29
Mean	0.01	0.02	0.02	0.03	0.07	0.24	0.59	1.16

According to the climatological table of November the mean percentage of visibility values below 8,000 meters is 1.16%, correspondingly, the mean percentage of 98.84% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.01% (See climatological table of November, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

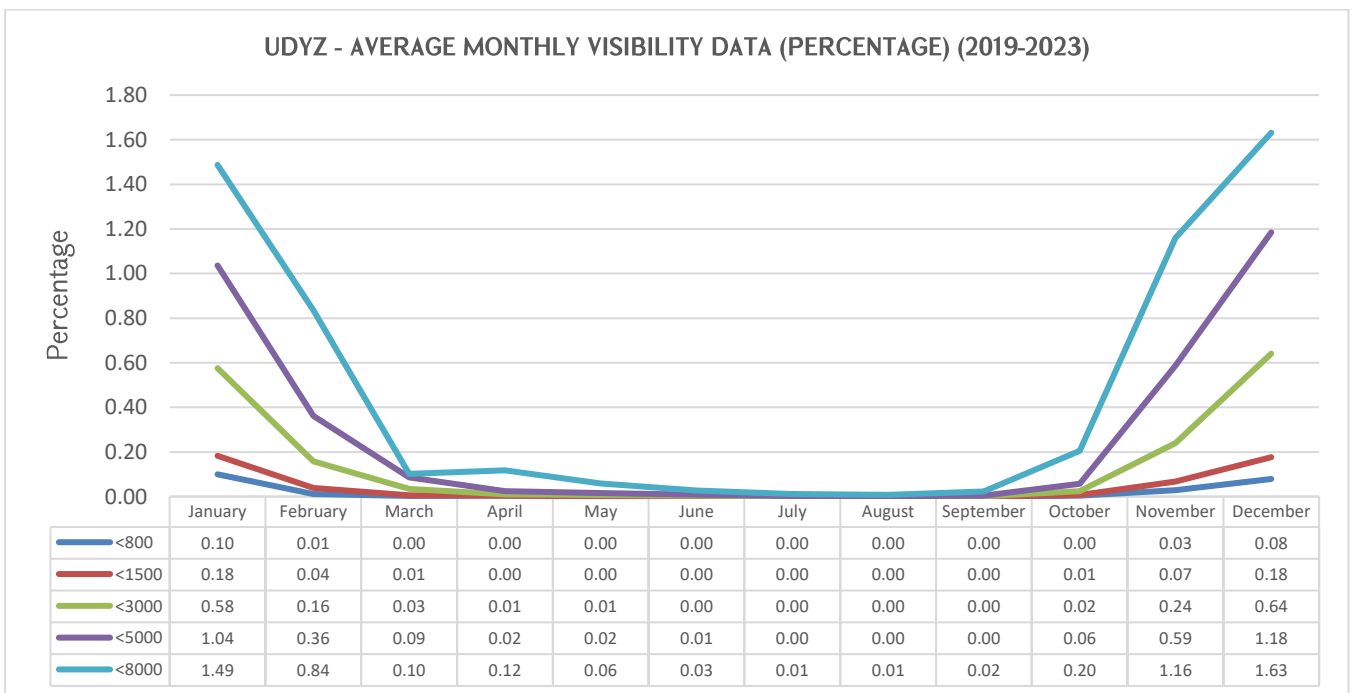
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.04	0.05	0.08	0.08	0.30	0.91	1.42	1.71
00:30	0.04	0.05	0.07	0.08	0.26	0.95	1.42	1.71
01:00	0.03	0.04	0.07	0.09	0.30	0.99	1.42	1.68
01:30	0.03	0.07	0.09	0.15	0.28	0.93	1.42	1.69
02:00	0.03	0.09	0.09	0.15	0.28	0.99	1.44	1.71
02:30	0.04	0.08	0.09	0.13	0.26	1.03	1.41	1.69
03:00	0.08	0.11	0.15	0.20	0.31	1.12	1.48	1.72
03:30	0.07	0.12	0.15	0.24	0.38	1.10	1.49	1.73
04:00	0.09	0.12	0.16	0.23	0.38	1.09	1.48	1.75
04:30	0.07	0.09	0.12	0.16	0.34	1.06	1.51	1.77
05:00	0.08	0.12	0.16	0.19	0.38	1.12	1.53	1.76
05:30	0.12	0.13	0.16	0.20	0.43	1.13	1.53	1.79
06:00	0.08	0.09	0.11	0.16	0.34	1.08	1.56	1.79
06:30	0.07	0.09	0.11	0.12	0.23	0.94	1.52	1.79
07:00	0.03	0.05	0.08	0.11	0.19	0.86	1.45	1.71
07:30	0.00	0.04	0.04	0.05	0.13	0.74	1.37	1.69
08:00	0.00	0.01	0.04	0.07	0.11	0.56	1.21	1.68
08:30	0.00	0.01	0.04	0.07	0.09	0.47	1.08	1.65
09:00	0.00	0.01	0.04	0.04	0.08	0.34	0.97	1.53
09:30	0.00	0.01	0.03	0.04	0.07	0.30	0.93	1.51
10:00	0.00	0.00	0.01	0.03	0.05	0.26	0.78	1.48
10:30	0.00	0.00	0.01	0.01	0.05	0.20	0.71	1.45
11:00	0.00	0.00	0.00	0.01	0.05	0.17	0.67	1.38
11:30	0.00	0.00	0.00	0.00	0.05	0.15	0.59	1.38
12:00	0.00	0.00	0.00	0.00	0.05	0.12	0.59	1.34
12:30	0.00	0.00	0.00	0.01	0.04	0.11	0.56	1.34
13:00	0.00	0.00	0.01	0.01	0.05	0.11	0.56	1.34
13:30	0.00	0.01	0.01	0.03	0.05	0.13	0.56	1.36
14:00	0.01	0.01	0.03	0.04	0.05	0.19	0.66	1.40
14:30	0.01	0.01	0.04	0.04	0.08	0.30	0.70	1.42
15:00	0.01	0.03	0.03	0.04	0.07	0.30	0.86	1.55
15:30	0.03	0.03	0.04	0.04	0.08	0.36	0.95	1.61
16:00	0.03	0.03	0.03	0.04	0.09	0.43	1.09	1.65
16:30	0.03	0.03	0.03	0.04	0.09	0.52	1.16	1.68
17:00	0.03	0.03	0.03	0.04	0.12	0.58	1.21	1.72
17:30	0.03	0.03	0.04	0.07	0.11	0.56	1.21	1.69

18:00	0.03	0.04	0.05	0.07	0.12	0.62	1.25	1.68
18:30	0.03	0.04	0.05	0.07	0.17	0.63	1.26	1.65
19:00	0.03	0.04	0.05	0.07	0.16	0.65	1.28	1.68
19:30	0.01	0.04	0.05	0.07	0.19	0.62	1.30	1.69
20:00	0.01	0.04	0.05	0.05	0.17	0.65	1.37	1.69
20:30	0.03	0.03	0.05	0.05	0.20	0.69	1.37	1.69
21:00	0.03	0.03	0.04	0.07	0.17	0.71	1.40	1.68
21:30	0.03	0.03	0.03	0.04	0.17	0.75	1.36	1.72
22:00	0.03	0.03	0.04	0.07	0.20	0.74	1.41	1.73
22:30	0.04	0.04	0.05	0.07	0.22	0.82	1.40	1.75
23:00	0.03	0.05	0.05	0.07	0.20	0.81	1.44	1.73
23:30	0.03	0.05	0.05	0.05	0.27	0.87	1.49	1.72
Mean	0.03	0.04	0.06	0.08	0.18	0.64	1.18	1.63

According to the climatological table of December the mean percentage of visibility values below 8,000 meters is 1.63%, correspondingly, the mean percentage of 98.31% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.03% (See climatological table of December, Model B).



## 4.1.2 Ceiling

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL C

AERODROME: UDYZ      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT      MSL

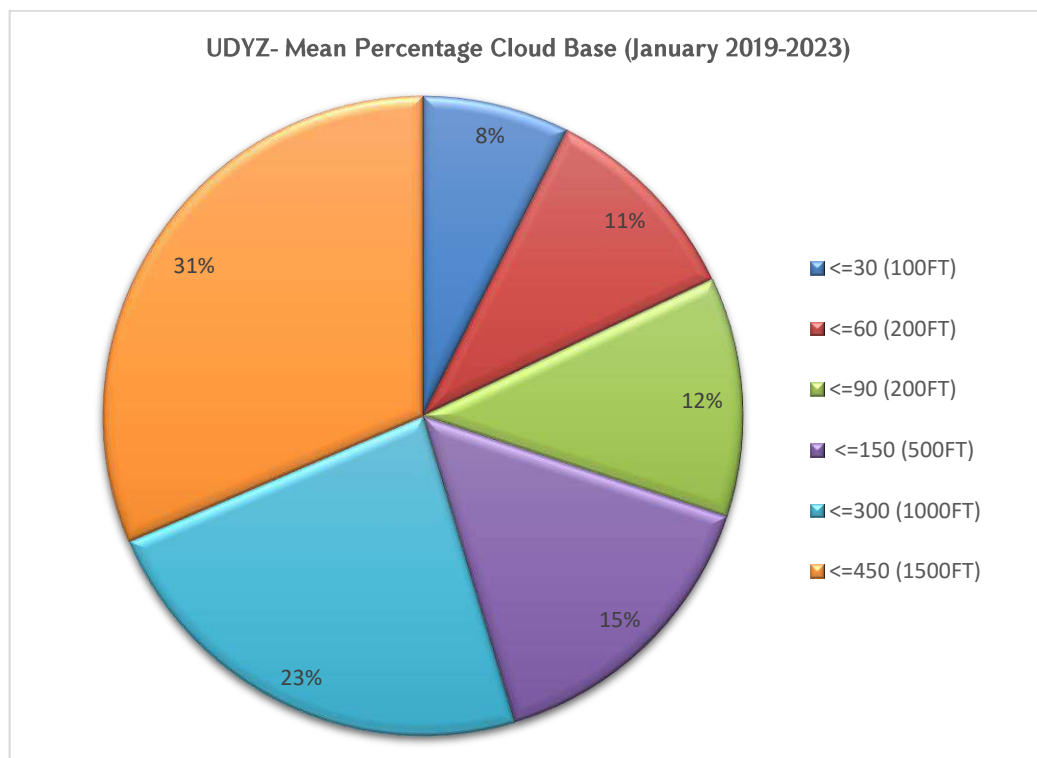
FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.09	0.12	0.13	0.15	0.23	0.31
00:30	0.07	0.12	0.12	0.17	0.22	0.31
01:00	0.09	0.11	0.12	0.16	0.20	0.26
01:30	0.12	0.15	0.16	0.20	0.26	0.32
02:00	0.11	0.15	0.17	0.20	0.24	0.30
02:30	0.11	0.17	0.19	0.20	0.27	0.31
03:00	0.07	0.15	0.16	0.17	0.26	0.30
03:30	0.08	0.15	0.16	0.19	0.26	0.30
04:00	0.11	0.16	0.17	0.20	0.26	0.30
04:30	0.12	0.13	0.15	0.19	0.26	0.28
05:00	0.09	0.15	0.15	0.17	0.24	0.28
05:30	0.12	0.12	0.13	0.20	0.26	0.31
06:00	0.09	0.12	0.12	0.19	0.24	0.30
06:30	0.08	0.08	0.09	0.13	0.22	0.26
07:00	0.08	0.08	0.08	0.15	0.22	0.28
07:30	0.05	0.08	0.08	0.11	0.17	0.27
08:00	0.04	0.05	0.05	0.08	0.17	0.26
08:30	0.03	0.05	0.05	0.07	0.17	0.24
09:00	0.03	0.04	0.05	0.07	0.22	0.23
09:30	0.03	0.05	0.05	0.07	0.17	0.20
10:00	0.03	0.04	0.05	0.07	0.16	0.22
10:30	0.00	0.03	0.04	0.05	0.12	0.19
11:00	0.00	0.00	0.04	0.04	0.09	0.15
11:30	0.01	0.01	0.04	0.05	0.09	0.13
12:00	0.01	0.01	0.04	0.05	0.09	0.13
12:30	0.01	0.03	0.04	0.07	0.09	0.12
13:00	0.01	0.01	0.03	0.05	0.07	0.13
13:30	0.01	0.01	0.01	0.05	0.07	0.12
14:00	0.00	0.03	0.04	0.05	0.07	0.13
14:30	0.00	0.01	0.01	0.04	0.07	0.12
15:00	0.01	0.03	0.03	0.05	0.08	0.13

15:30	0.01	0.03	0.04	0.05	0.08	0.15
16:00	0.01	0.03	0.05	0.05	0.08	0.15
16:30	0.01	0.04	0.07	0.07	0.09	0.13
17:00	0.03	0.07	0.08	0.08	0.12	0.16
17:30	0.05	0.07	0.08	0.08	0.12	0.17
18:00	0.05	0.05	0.07	0.08	0.12	0.23
18:30	0.05	0.07	0.07	0.08	0.12	0.22
19:00	0.05	0.08	0.08	0.08	0.13	0.22
19:30	0.07	0.08	0.08	0.09	0.15	0.20
20:00	0.05	0.07	0.08	0.09	0.17	0.24
20:30	0.05	0.07	0.09	0.09	0.16	0.23
21:00	0.07	0.08	0.08	0.13	0.19	0.27
21:30	0.07	0.09	0.09	0.09	0.19	0.28
22:00	0.07	0.09	0.11	0.12	0.17	0.26
22:30	0.05	0.08	0.09	0.13	0.17	0.26
23:00	0.05	0.08	0.09	0.11	0.19	0.23
23:30	0.08	0.11	0.12	0.15	0.22	0.28
MEAN	0.05	0.08	0.09	0.11	0.17	0.23

In January, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.77% of the total amount of occurrences (See climatological table of January, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.05% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of January, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL C**

AERODROME: UDYZ      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

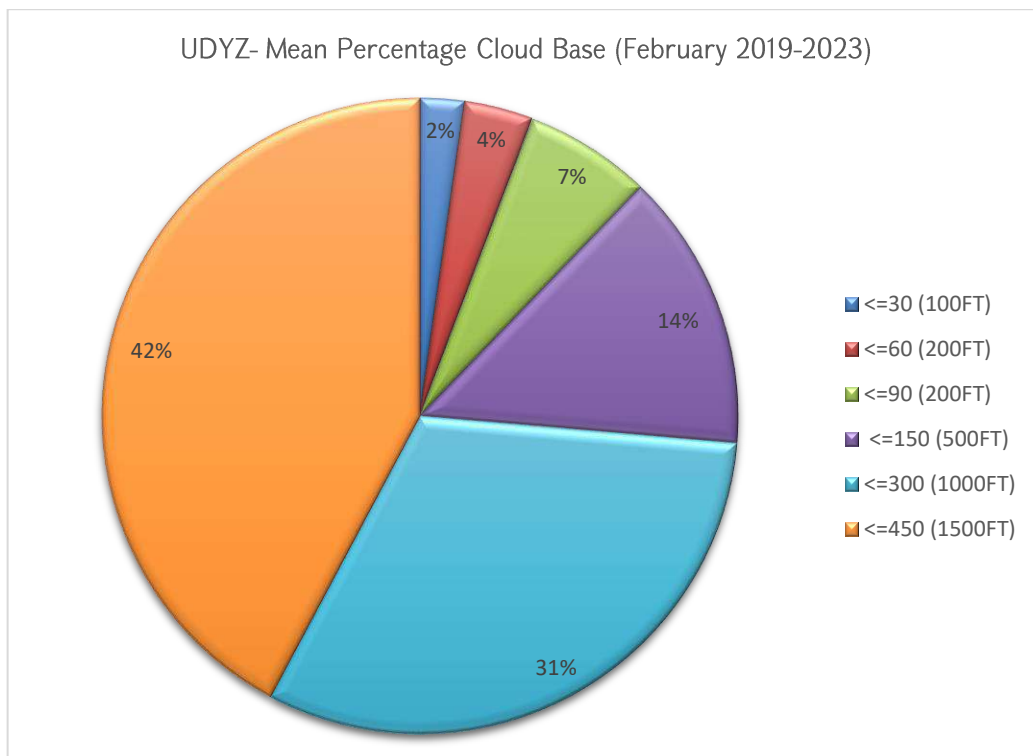
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.01	0.01	0.01	0.04	0.06	0.07
00:30	0.03	0.03	0.03	0.06	0.07	0.09
01:00	0.01	0.01	0.01	0.06	0.07	0.07
01:30	0.01	0.01	0.03	0.06	0.07	0.09
02:00	0.01	0.01	0.01	0.03	0.07	0.07
02:30	0.01	0.01	0.03	0.03	0.07	0.07
03:00	0.01	0.03	0.07	0.10	0.15	0.18
03:30	0.03	0.04	0.07	0.09	0.16	0.16
04:00	0.01	0.01	0.04	0.06	0.12	0.15
04:30	0.01	0.01	0.01	0.04	0.10	0.13
05:00	0.00	0.01	0.04	0.07	0.12	0.12
05:30	0.03	0.04	0.06	0.10	0.16	0.16
06:00	0.01	0.04	0.07	0.10	0.15	0.16
06:30	0.01	0.03	0.03	0.07	0.13	0.15
07:00	0.00	0.01	0.03	0.09	0.13	0.18
07:30	0.00	0.00	0.00	0.04	0.12	0.13
08:00	0.00	0.01	0.01	0.04	0.13	0.16
08:30	0.00	0.00	0.01	0.04	0.12	0.15
09:00	0.00	0.00	0.00	0.03	0.13	0.16
09:30	0.00	0.00	0.00	0.03	0.10	0.15
10:00	0.00	0.00	0.00	0.03	0.09	0.13
10:30	0.00	0.00	0.01	0.04	0.07	0.10
11:00	0.00	0.00	0.00	0.04	0.07	0.10
11:30	0.00	0.00	0.00	0.01	0.07	0.12
12:00	0.00	0.00	0.00	0.01	0.06	0.10
12:30	0.00	0.00	0.00	0.01	0.07	0.12
13:00	0.00	0.00	0.00	0.00	0.07	0.12
13:30	0.00	0.00	0.01	0.01	0.03	0.09
14:00	0.00	0.00	0.00	0.00	0.01	0.06
14:30	0.00	0.00	0.00	0.01	0.01	0.06
15:00	0.00	0.00	0.00	0.00	0.01	0.06
15:30	0.00	0.00	0.00	0.00	0.03	0.07
16:00	0.00	0.00	0.01	0.01	0.04	0.07
16:30	0.00	0.00	0.00	0.00	0.04	0.04

17:00	0.00	0.00	0.00	0.00	0.04	0.07
17:30	0.00	0.00	0.00	0.00	0.03	0.07
18:00	0.00	0.00	0.00	0.00	0.04	0.04
18:30	0.00	0.00	0.00	0.00	0.01	0.01
19:00	0.00	0.00	0.00	0.00	0.01	0.01
19:30	0.00	0.00	0.00	0.00	0.01	0.03
20:00	0.00	0.00	0.00	0.00	0.01	0.04
20:30	0.00	0.00	0.00	0.00	0.00	0.01
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.01	0.01	0.04	0.06
22:00	0.00	0.00	0.01	0.01	0.03	0.04
22:30	0.00	0.00	0.00	0.00	0.01	0.04
23:00	0.00	0.00	0.00	0.03	0.04	0.07
23:30	0.00	0.00	0.00	0.01	0.03	0.04
MEAN	0.00	0.01	0.01	0.03	0.07	0.09

In February, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.91% of the total amount of occurrences (See climatological table of February, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 200 feet and below (cloud amount BKN and OVC) (see climatological table of February, Model C).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL C**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

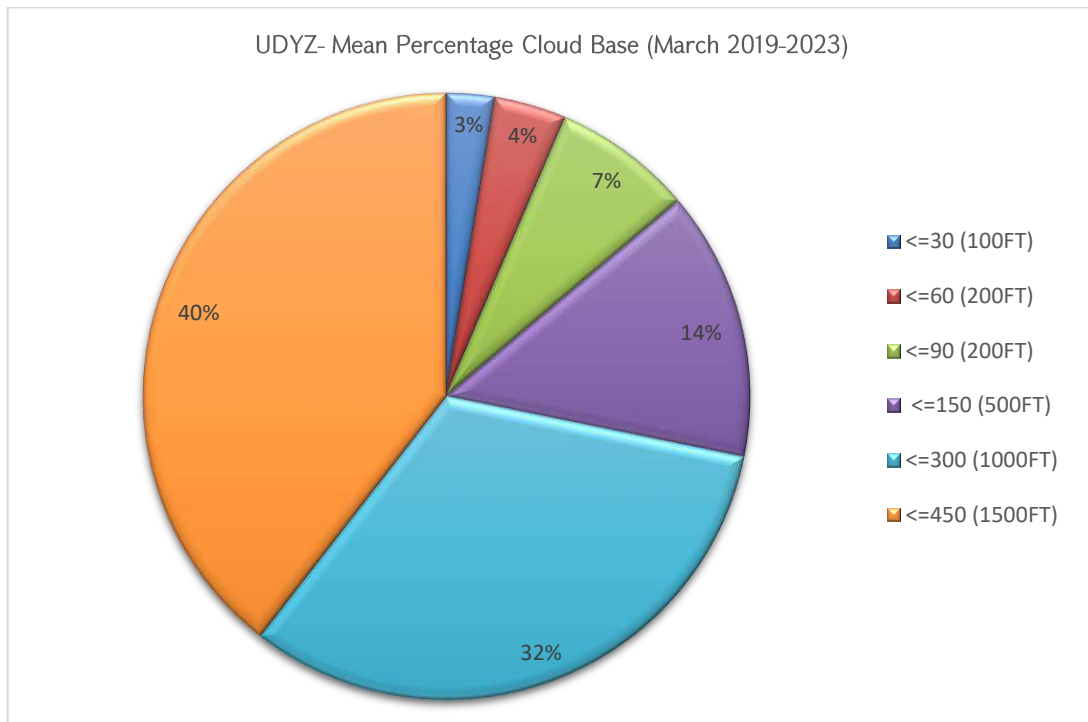
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.01	0.01
00:30	0.01	0.01	0.03	0.03	0.03	0.03
01:00	0.01	0.01	0.03	0.03	0.03	0.03
01:30	0.01	0.01	0.03	0.03	0.03	0.03
02:00	0.00	0.01	0.01	0.01	0.01	0.01
02:30	0.01	0.01	0.01	0.01	0.01	0.01
03:00	0.03	0.03	0.04	0.04	0.04	0.04
03:30	0.03	0.03	0.03	0.03	0.04	0.04
04:00	0.01	0.03	0.03	0.03	0.03	0.03
04:30	0.01	0.01	0.03	0.03	0.03	0.03
05:00	0.00	0.01	0.03	0.03	0.07	0.07
05:30	0.00	0.00	0.01	0.03	0.07	0.11
06:00	0.00	0.00	0.00	0.00	0.05	0.09
06:30	0.00	0.00	0.00	0.00	0.08	0.11
07:00	0.00	0.00	0.01	0.01	0.07	0.09
07:30	0.00	0.00	0.00	0.01	0.05	0.08
08:00	0.00	0.00	0.00	0.01	0.05	0.11
08:30	0.00	0.00	0.00	0.01	0.07	0.11
09:00	0.00	0.00	0.00	0.03	0.07	0.08
09:30	0.00	0.00	0.00	0.01	0.07	0.07
10:00	0.00	0.00	0.00	0.00	0.07	0.07
10:30	0.00	0.00	0.00	0.01	0.05	0.05
11:00	0.00	0.00	0.00	0.01	0.03	0.04
11:30	0.00	0.00	0.00	0.01	0.03	0.04
12:00	0.00	0.00	0.00	0.00	0.03	0.03
12:30	0.00	0.00	0.00	0.01	0.03	0.04
13:00	0.00	0.00	0.00	0.01	0.01	0.04
13:30	0.00	0.00	0.00	0.00	0.03	0.03
14:00	0.00	0.00	0.00	0.00	0.03	0.03
14:30	0.00	0.00	0.00	0.00	0.03	0.03
15:00	0.00	0.00	0.00	0.00	0.01	0.03
15:30	0.00	0.00	0.00	0.00	0.00	0.01

16:00	0.00	0.00	0.00	0.01	0.03	0.03
16:30	0.00	0.00	0.00	0.00	0.01	0.01
17:00	0.00	0.00	0.00	0.01	0.01	0.01
17:30	0.00	0.00	0.00	0.01	0.03	0.03
18:00	0.00	0.01	0.01	0.03	0.03	0.03
18:30	0.00	0.01	0.01	0.01	0.03	0.03
19:00	0.00	0.00	0.00	0.01	0.03	0.03
19:30	0.00	0.00	0.00	0.01	0.01	0.01
20:00	0.00	0.00	0.00	0.03	0.03	0.03
20:30	0.00	0.00	0.00	0.03	0.03	0.03
21:00	0.00	0.00	0.01	0.04	0.04	0.04
21:30	0.00	0.00	0.01	0.03	0.04	0.04
22:00	0.00	0.00	0.01	0.03	0.04	0.04
22:30	0.00	0.00	0.01	0.01	0.04	0.04
23:00	0.00	0.00	0.01	0.03	0.04	0.04
23:30	0.00	0.00	0.01	0.01	0.03	0.04
MEAN	0.00	0.00	0.01	0.02	0.04	0.04

In March, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.96% of the total amount of occurrences (See climatological table of March, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 300 feet and below (cloud amount BKN and OVC) (see climatological table of March, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL C**

AERODROME: UDYZ      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

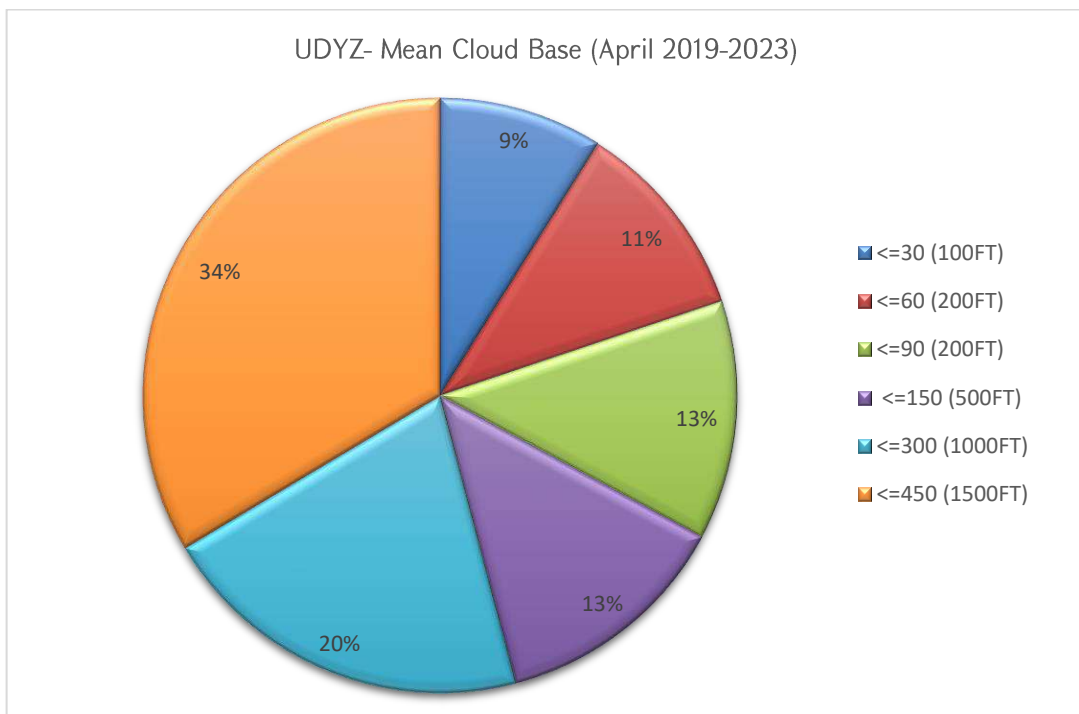
ELEVATION ABOVE MSL: 2838.0 FT    MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.01
00:30	0.01	0.01	0.01	0.01	0.01	0.03
01:00	0.01	0.01	0.01	0.01	0.01	0.03
01:30	0.01	0.01	0.01	0.01	0.01	0.01
02:00	0.03	0.03	0.03	0.03	0.03	0.03
02:30	0.03	0.04	0.04	0.04	0.04	0.04
03:00	0.03	0.03	0.03	0.03	0.03	0.03
03:30	0.01	0.03	0.03	0.03	0.03	0.03
04:00	0.01	0.03	0.03	0.03	0.03	0.03
04:30	0.01	0.01	0.03	0.03	0.03	0.03
05:00	0.01	0.01	0.01	0.01	0.03	0.03
05:30	0.00	0.00	0.01	0.01	0.01	0.01
06:00	0.00	0.00	0.01	0.01	0.03	0.03
06:30	0.00	0.00	0.00	0.00	0.03	0.04
07:00	0.00	0.00	0.00	0.00	0.04	0.06
07:30	0.00	0.00	0.00	0.00	0.03	0.04
08:00	0.00	0.00	0.00	0.00	0.00	0.04
08:30	0.00	0.00	0.00	0.00	0.00	0.04
09:00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.03
10:00	0.00	0.00	0.00	0.00	0.00	0.03
10:30	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.01	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.01	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.01	0.01	0.01	0.01

In April, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.99% of the total amount of occurrences (See climatological table of April, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 300 feet and below (cloud amount BKN and OVC) (see climatological table of April, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL C**

AERODROME: UDYZ

MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

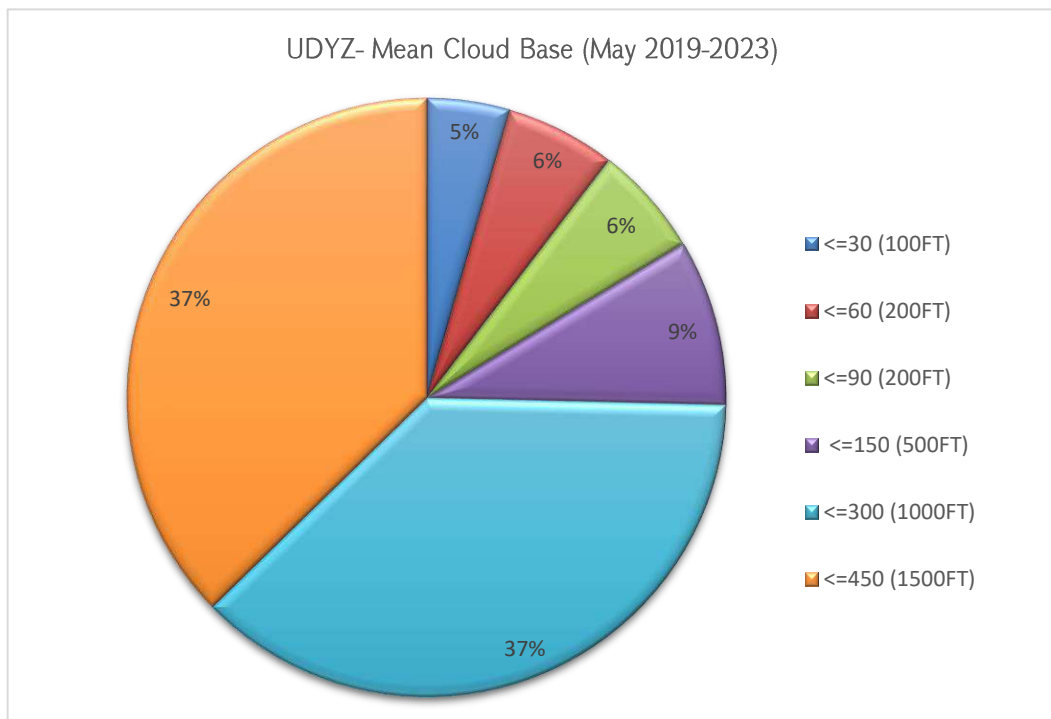
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.01	0.01	0.01	0.01	0.01	0.01
01:00	0.01	0.01	0.01	0.01	0.01	0.01
01:30	0.01	0.01	0.01	0.01	0.01	0.01
02:00	0.00	0.01	0.01	0.01	0.01	0.01
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.01	0.01
06:00	0.00	0.00	0.00	0.00	0.01	0.01
06:30	0.00	0.00	0.00	0.00	0.01	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.01	0.01
10:30	0.00	0.00	0.00	0.00	0.01	0.01
11:00	0.00	0.00	0.00	0.00	0.01	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.01	0.01	0.01
13:00	0.00	0.00	0.00	0.00	0.01	0.01
13:30	0.00	0.00	0.00	0.00	0.03	0.03
14:00	0.00	0.00	0.00	0.00	0.01	0.01
14:30	0.00	0.00	0.00	0.01	0.01	0.01
15:00	0.00	0.00	0.00	0.00	0.01	0.01
15:30	0.00	0.00	0.00	0.00	0.01	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00

16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.01	0.01
22:00	0.00	0.00	0.00	0.00	0.03	0.03
22:30	0.00	0.00	0.00	0.00	0.03	0.03
23:00	0.00	0.00	0.00	0.00	0.01	0.01
23:30	0.00	0.00	0.00	0.00	0.01	0.01
MEAN	0.00	0.00	0.00	0.00	0.01	0.01

In May, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.99% of the total amount of occurrences (See climatological table of May, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 1,000 feet and below (cloud amount BKN and OVC) (see climatological table of May, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL C**

AERODROME: UDYZ                      MONTH: JUNE                      PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200                      OBSERVATION INTERVAL: 30 MIN.

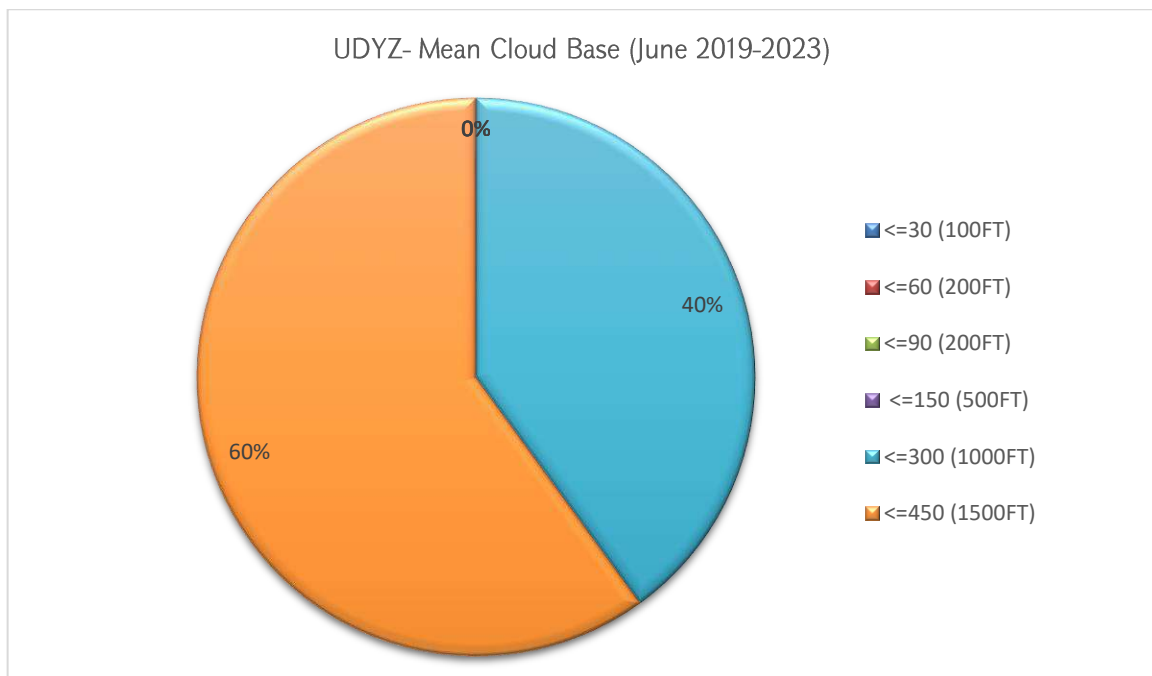
LATITUDE: 40 08 50 N                      LONGITUDE: 044 20 18 E                      ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED Hs VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.01	0.01
01:30	0.00	0.00	0.00	0.00	0.01	0.01
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.01	0.01
03:00	0.00	0.00	0.00	0.00	0.01	0.01
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.01
09:00	0.00	0.00	0.00	0.00	0.00	0.01
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00

16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.001	0.002

In June, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.998% of the total amount of occurrences (See climatological table of June, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.001% of minimum cloud height of 1,000 feet and below (cloud amount BKN and OVC) (see climatological table of June, Model C).





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL C**

AERODROME: UDYZ

MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

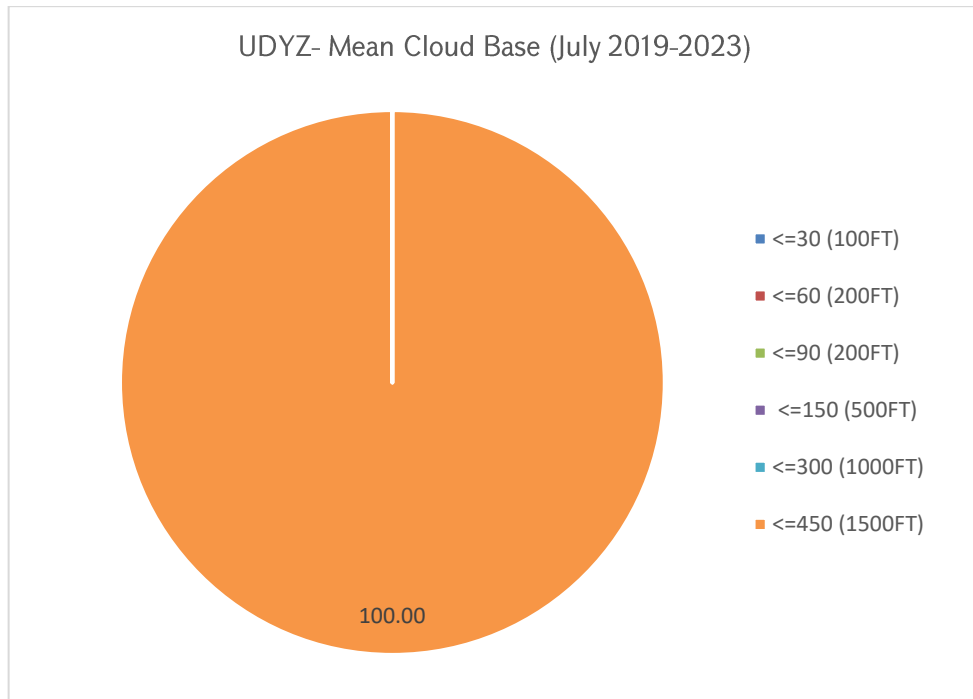
LATITUDE: 40 08 50 N    LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00

16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In July, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of July, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL C

#### TABULAR FORM

AERODROME: UDYZ      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

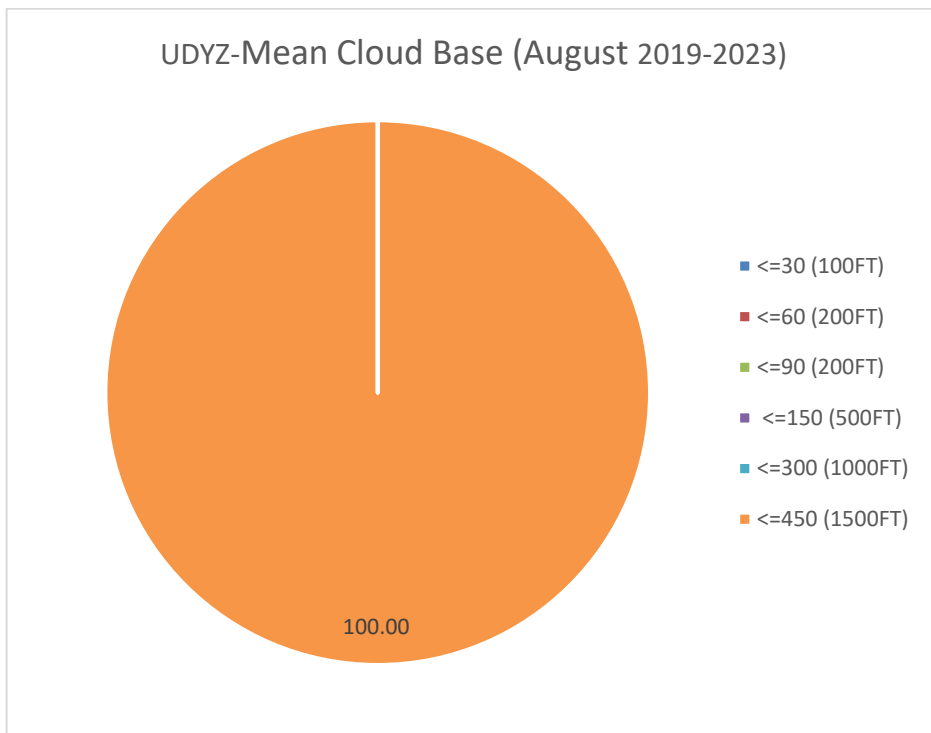
LATITUDE: 40 08 50 N    LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In August, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of August, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL C**

**TABULAR FORM**

AERODROME: UDYZ

MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

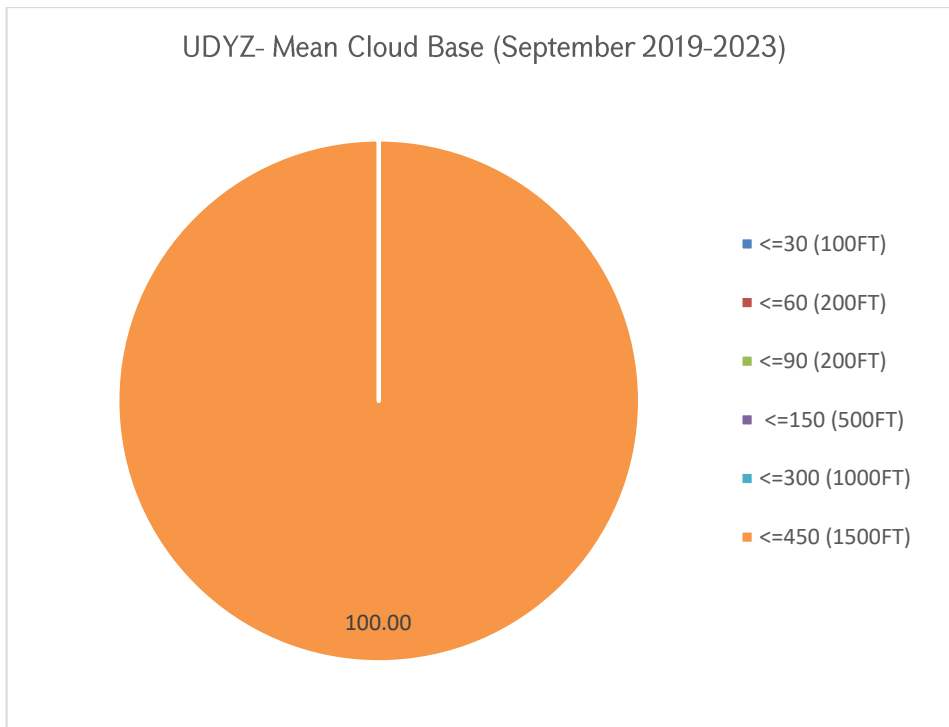
LATITUDE: 40 08 50 N LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00

16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In September, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of September, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL C

#### TABULAR FORM

AERODROME: UDYZ      MONTH: OCTOBER      PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440      OBSERVATION INTERVAL: 30 MIN.

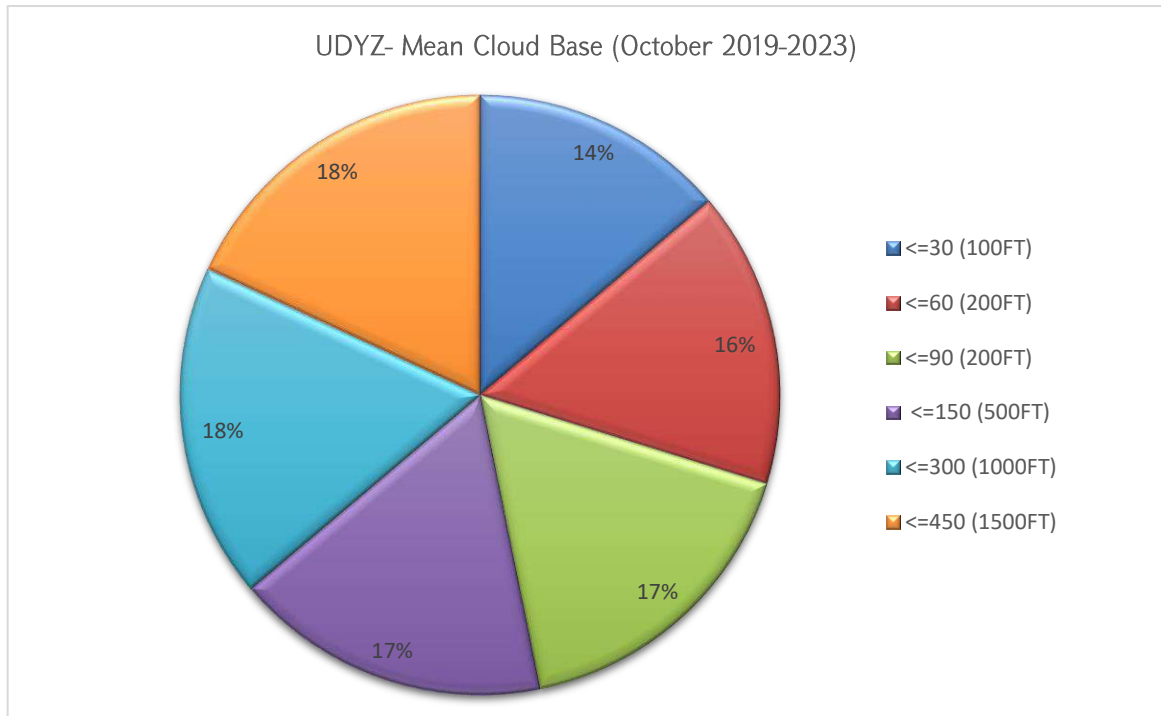
LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E      ELEVATION ABOVE MSL: 2838.0 FT      MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.01	0.01	0.01	0.01	0.01	0.01
00:30	0.01	0.01	0.01	0.01	0.01	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.01	0.01	0.01	0.01	0.01	0.01
02:30	0.00	0.01	0.01	0.01	0.01	0.01
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.01	0.01	0.01	0.01	0.01	0.01
04:30	0.01	0.01	0.01	0.01	0.01	0.01
05:00	0.03	0.03	0.03	0.03	0.03	0.03
05:30	0.03	0.03	0.03	0.03	0.03	0.03
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00

16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.01	0.01
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.01	0.01	0.01	0.01	0.01
21:30	0.00	0.00	0.01	0.01	0.01	0.01
22:00	0.01	0.01	0.01	0.01	0.01	0.01
22:30	0.01	0.01	0.01	0.01	0.01	0.01
23:00	0.01	0.01	0.01	0.01	0.01	0.01
23:30	0.01	0.01	0.01	0.01	0.01	0.01
MEAN	0.004	0.004	0.004	0.004	0.005	0.005

In October, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.995% of the total amount of occurrences (See climatological table of October, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.004% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of October, Model C).





AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL C

TABULAR FORM

AERODROME: UDYZ MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

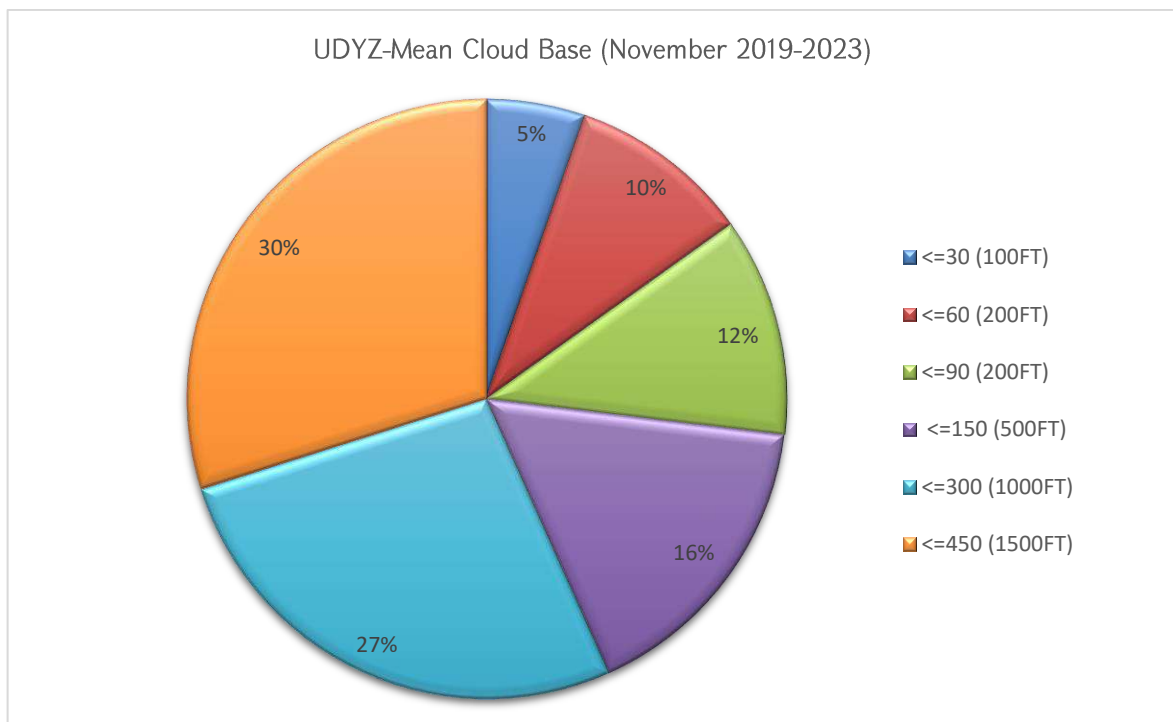
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.01	0.04	0.04	0.07	0.08	0.08
00:30	0.01	0.03	0.03	0.06	0.07	0.07
01:00	0.01	0.03	0.03	0.06	0.07	0.08
01:30	0.03	0.04	0.04	0.07	0.10	0.10
02:00	0.04	0.04	0.04	0.06	0.08	0.08
02:30	0.04	0.04	0.04	0.06	0.08	0.08
03:00	0.04	0.04	0.04	0.06	0.08	0.08
03:30	0.03	0.04	0.04	0.07	0.10	0.10
04:00	0.01	0.03	0.04	0.07	0.10	0.10
04:30	0.00	0.03	0.04	0.06	0.11	0.11
05:00	0.01	0.04	0.06	0.06	0.13	0.13
05:30	0.03	0.06	0.07	0.07	0.11	0.13
06:00	0.06	0.07	0.08	0.10	0.15	0.15
06:30	0.03	0.08	0.10	0.10	0.15	0.15
07:00	0.04	0.07	0.08	0.08	0.14	0.14
07:30	0.03	0.07	0.08	0.08	0.15	0.15
08:00	0.00	0.04	0.06	0.06	0.13	0.13
08:30	0.01	0.04	0.04	0.07	0.13	0.13
09:00	0.00	0.01	0.04	0.06	0.11	0.13
09:30	0.00	0.00	0.03	0.04	0.08	0.14
10:00	0.00	0.00	0.01	0.03	0.08	0.13
10:30	0.00	0.00	0.01	0.01	0.08	0.10
11:00	0.00	0.00	0.01	0.01	0.06	0.08
11:30	0.00	0.00	0.00	0.01	0.03	0.06
12:00	0.00	0.00	0.00	0.03	0.06	0.08
12:30	0.00	0.00	0.00	0.03	0.06	0.07
13:00	0.00	0.01	0.01	0.03	0.06	0.07
13:30	0.00	0.01	0.01	0.03	0.04	0.06
14:00	0.00	0.01	0.01	0.03	0.06	0.07
14:30	0.00	0.00	0.00	0.01	0.06	0.07
15:00	0.00	0.00	0.00	0.01	0.06	0.10
15:30	0.00	0.00	0.00	0.01	0.06	0.08

16:00	0.00	0.00	0.01	0.03	0.07	0.08
16:30	0.00	0.00	0.00	0.03	0.06	0.07
17:00	0.00	0.00	0.00	0.03	0.06	0.07
17:30	0.01	0.01	0.03	0.04	0.06	0.07
18:00	0.01	0.03	0.03	0.06	0.08	0.08
18:30	0.01	0.03	0.03	0.06	0.08	0.08
19:00	0.01	0.04	0.04	0.06	0.08	0.08
19:30	0.01	0.04	0.04	0.06	0.08	0.08
20:00	0.03	0.04	0.06	0.06	0.08	0.08
20:30	0.03	0.04	0.04	0.07	0.08	0.08
21:00	0.03	0.04	0.06	0.07	0.07	0.07
21:30	0.04	0.06	0.07	0.07	0.08	0.08
22:00	0.06	0.08	0.10	0.10	0.11	0.11
22:30	0.06	0.08	0.08	0.10	0.11	0.13
23:00	0.03	0.07	0.07	0.08	0.11	0.13
23:30	0.04	0.06	0.06	0.07	0.08	0.10
MEAN	0.02	0.03	0.04	0.05	0.09	0.10

In November, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.90% of the total amount of occurrences (See climatological table of November, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.02% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of November, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL C

#### TABULAR FORM

AERODROME: UDYZ      MONTH: DECEMBER      PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440      OBSERVATION INTERVAL: 30 MIN.

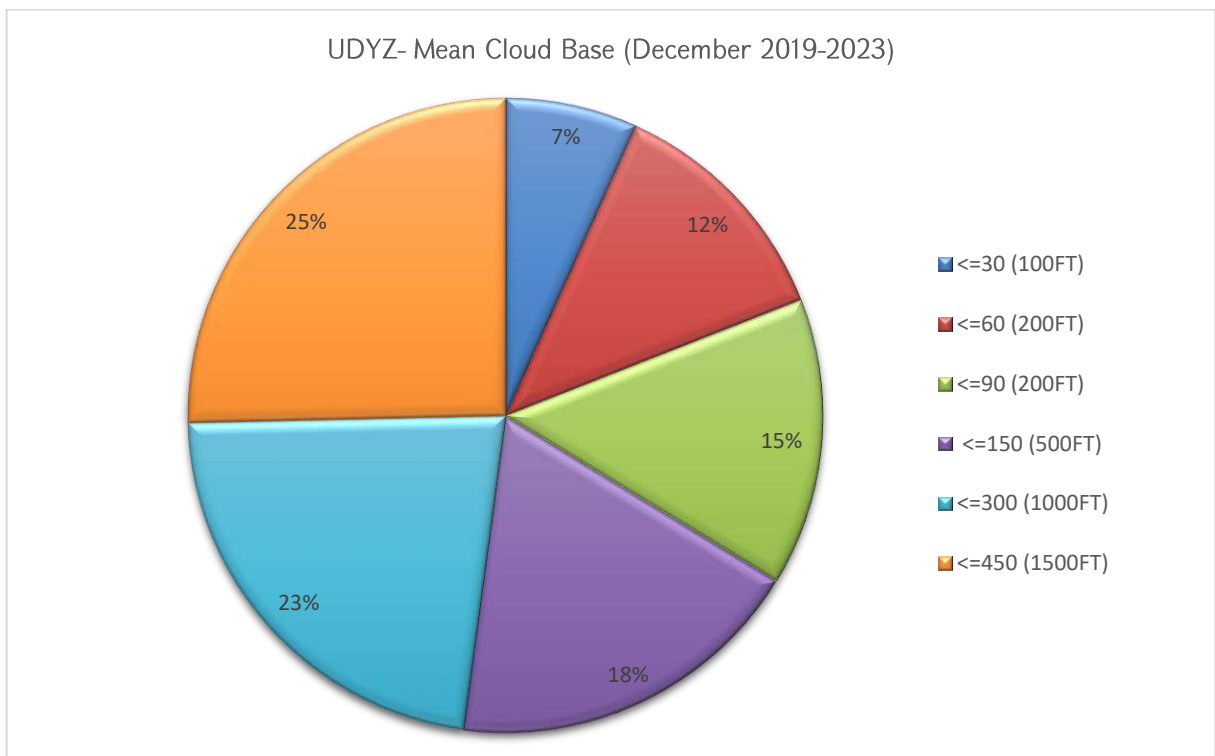
LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E      ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.04	0.09	0.11	0.11	0.16	0.17
00:30	0.04	0.08	0.11	0.11	0.13	0.15
01:00	0.05	0.08	0.12	0.12	0.16	0.17
01:30	0.07	0.09	0.13	0.16	0.19	0.20
02:00	0.05	0.09	0.09	0.16	0.16	0.17
02:30	0.05	0.07	0.09	0.15	0.16	0.16
03:00	0.05	0.12	0.13	0.19	0.20	0.20
03:30	0.07	0.15	0.16	0.20	0.24	0.26
04:00	0.09	0.12	0.13	0.16	0.17	0.19
04:30	0.11	0.13	0.16	0.17	0.19	0.20
05:00	0.08	0.11	0.13	0.16	0.17	0.19
05:30	0.09	0.12	0.13	0.19	0.22	0.22
06:00	0.05	0.11	0.12	0.16	0.17	0.17
06:30	0.07	0.11	0.13	0.16	0.17	0.17
07:00	0.05	0.11	0.12	0.15	0.15	0.17
07:30	0.01	0.08	0.08	0.12	0.13	0.15
08:00	0.00	0.05	0.07	0.09	0.12	0.12
08:30	0.01	0.07	0.08	0.08	0.12	0.15
09:00	0.01	0.05	0.07	0.08	0.12	0.15
09:30	0.00	0.03	0.04	0.05	0.08	0.13
10:00	0.00	0.04	0.04	0.05	0.08	0.13
10:30	0.00	0.01	0.03	0.04	0.11	0.15
11:00	0.00	0.03	0.03	0.04	0.09	0.13
11:30	0.00	0.03	0.03	0.03	0.07	0.08
12:00	0.00	0.04	0.04	0.04	0.07	0.08
12:30	0.00	0.03	0.03	0.03	0.05	0.08
13:00	0.00	0.01	0.01	0.01	0.03	0.04
13:30	0.01	0.01	0.01	0.01	0.03	0.04
14:00	0.01	0.01	0.01	0.01	0.03	0.04
14:30	0.01	0.01	0.01	0.01	0.03	0.04
15:00	0.01	0.03	0.03	0.03	0.04	0.05
15:30	0.01	0.03	0.03	0.03	0.04	0.05

16:00	0.03	0.03	0.03	0.03	0.04	0.05
16:30	0.03	0.03	0.03	0.03	0.04	0.05
17:00	0.03	0.03	0.03	0.03	0.04	0.05
17:30	0.03	0.03	0.03	0.04	0.04	0.05
18:00	0.04	0.04	0.04	0.05	0.05	0.05
18:30	0.04	0.04	0.04	0.05	0.05	0.05
19:00	0.03	0.05	0.05	0.07	0.07	0.07
19:30	0.03	0.05	0.05	0.11	0.11	0.11
20:00	0.03	0.04	0.09	0.11	0.12	0.12
20:30	0.03	0.04	0.04	0.11	0.12	0.12
21:00	0.03	0.04	0.05	0.09	0.09	0.11
21:30	0.03	0.04	0.05	0.07	0.07	0.08
22:00	0.03	0.05	0.05	0.07	0.07	0.08
22:30	0.03	0.04	0.07	0.07	0.08	0.09
23:00	0.01	0.04	0.07	0.07	0.11	0.11
23:30	0.03	0.07	0.09	0.09	0.13	0.13
MEAN	0.03	0.06	0.07	0.09	0.11	0.12

In December, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.88% of the total amount of occurrences (See climatological table of December, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.03% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of December, Model C).



## 4.2 Wind Speed and Direction

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL D

AERODROME: UDYZ MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												31.28
VARIABLE	17.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.82
35 - 36 - 01	5.20	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.23
02 - 03 - 04	7.14	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.42
05 - 06 - 07	4.68	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.80
08 - 09 - 10	3.62	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.78
11 - 12 - 13	2.82	0.26	0.16	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29
14 - 15 - 16	3.58	0.23	0.47	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.40
17 - 18 - 19	2.41	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45
20 - 21 - 22	3.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.23
23 - 24 - 25	5.83	0.35	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.22
26 - 27 - 28	3.16	0.13	0.15	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.52
29 - 30 - 31	2.11	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19
32 - 33 - 34	4.34	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.38
TOTAL	65.81	1.83	0.83	0.24	0.01	0.00	0.00	0.00	0.00	0.00	0.00	100

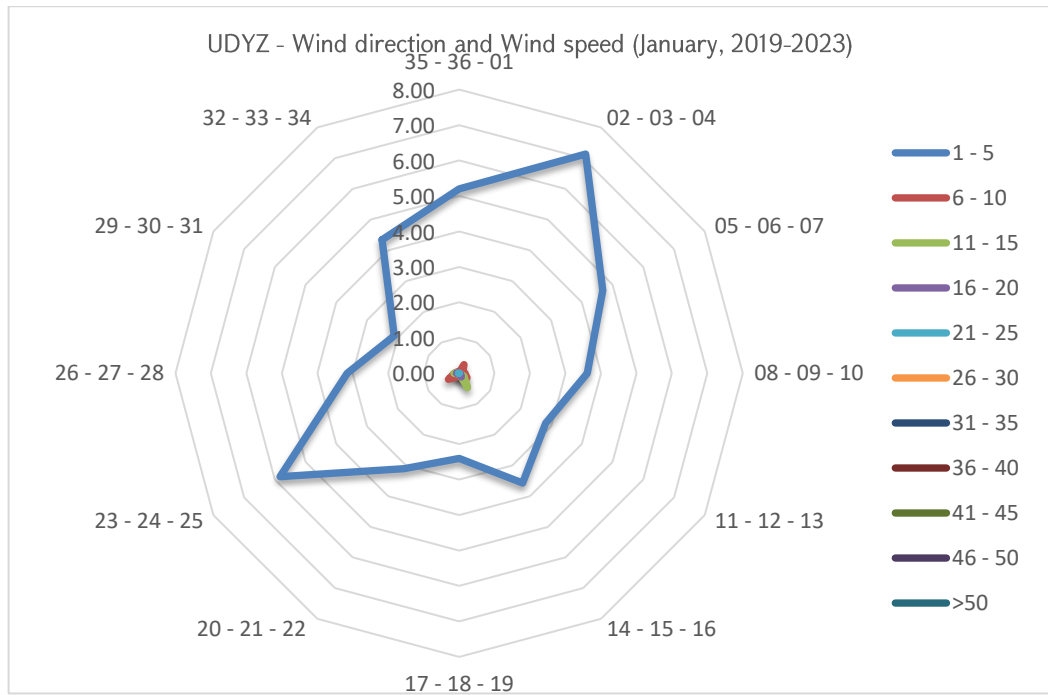
**CALM: 31.28%**

**VARIABLE: 17.82%**

The prevailing wind directions of 350° - 040° frequency of occurrence is 12.65% and that of 350° - 40° directions frequency of occurrence is 6.22%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 65.81%).

The maximum wind of 21-25 knots is observed within the 260°-280° sector (frequency of occurrence 0.01%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: FEBRUARY      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 6768      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E      ELEVATION ABOVE MSL: 2838.0 FT MSL

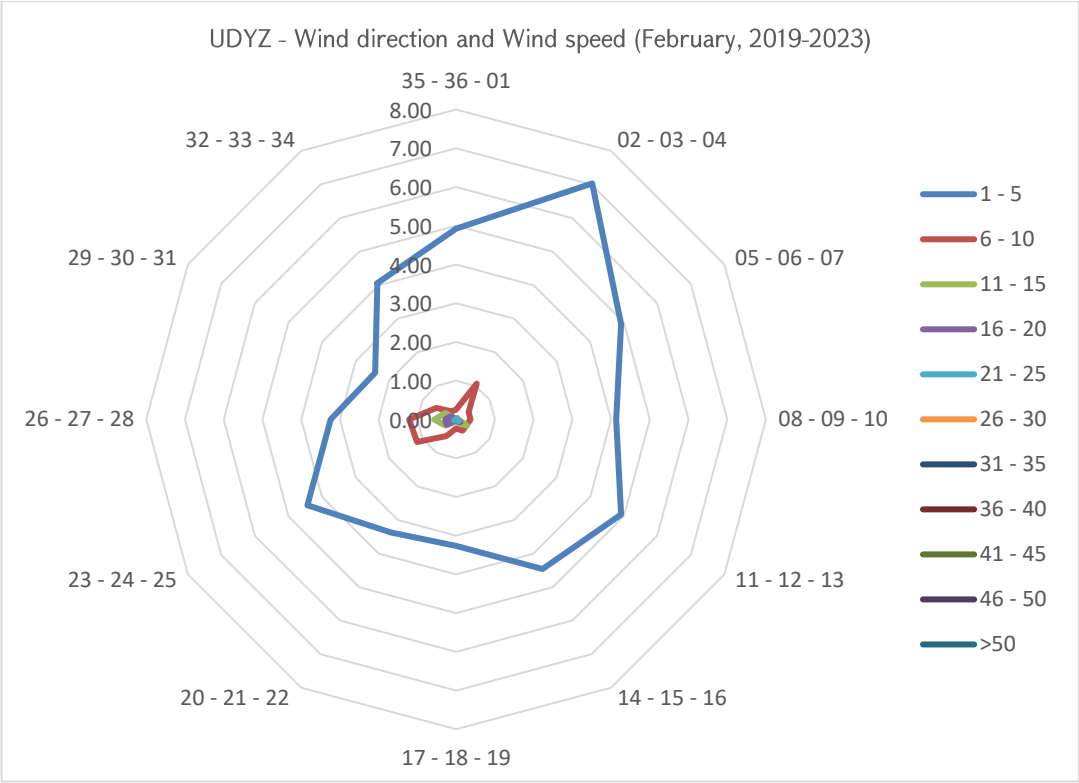
FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												19.08
VARIABLE	20.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.12
35 - 36 - 01	4.92	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.17
02 - 03 - 04	7.03	1.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.14
05 - 06 - 07	4.92	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.29
08 - 09 - 10	4.14	0.37	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57
11 - 12 - 13	4.92	0.31	0.33	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	5.76
14 - 15 - 16	4.46	0.34	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.96
17 - 18 - 19	3.27	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53
20 - 21 - 22	3.37	0.50	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99
23 - 24 - 25	4.43	1.17	0.33	0.28	0.06	0.00	0.00	0.00	0.00	0.00	0.00	6.26
26 - 27 - 28	3.24	1.21	0.56	0.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.30
29 - 30 - 31	2.41	0.59	0.33	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.49
32 - 33 - 34	4.06	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.33
TOTAL	71.25	6.69	1.89	0.95	0.15	0.00	0.00	0.00	0.00	0.00	0.00	100.00

**CALM: 19.08%**  
**VARIABLE: 20.12%**

The prevailing wind directions of 350° - 070° frequency of occurrence is 18.5% and that of 230°- 280° directions frequency of occurrence is 11.56%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 71.25%).

The maximum wind of 21-25 knots is observed within the 110°-130°, 230°- 250° and 260°- 280° sectors (frequency of occurrence 0.15%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL D**

#### TABULAR FORM

AERODROME: UDYZ      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												12.20
VARIABLE	17.33	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.35
35 - 36 - 01	4.46	0.59	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.17
02 - 03 - 04	7.02	2.93	0.71	0.39	0.04	0.00	0.00	0.00	0.00	0.00	0.00	11.09
05 - 06 - 07	5.32	1.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36
08 - 09 - 10	5.00	0.60	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.62
11 - 12 - 13	5.81	1.44	0.73	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21
14 - 15 - 16	6.06	1.55	0.36	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	8.15
17 - 18 - 19	3.24	0.40	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	3.70
20 - 21 - 22	2.74	0.59	0.16	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.55
23 - 24 - 25	3.53	1.73	0.79	0.46	0.17	0.03	0.00	0.00	0.00	0.00	0.00	6.72
26 - 27 - 28	2.55	1.47	0.66	0.22	0.11	0.04	0.00	0.00	0.00	0.00	0.00	5.04
29 - 30 - 31	2.12	0.65	0.19	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.00
32 - 33 - 34	3.48	0.27	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84
<b>TOTAL</b>	<b>68.67</b>	<b>13.27</b>	<b>3.87</b>	<b>1.55</b>	<b>0.36</b>	<b>0.07</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00</b>

**CALM: 12.20%**

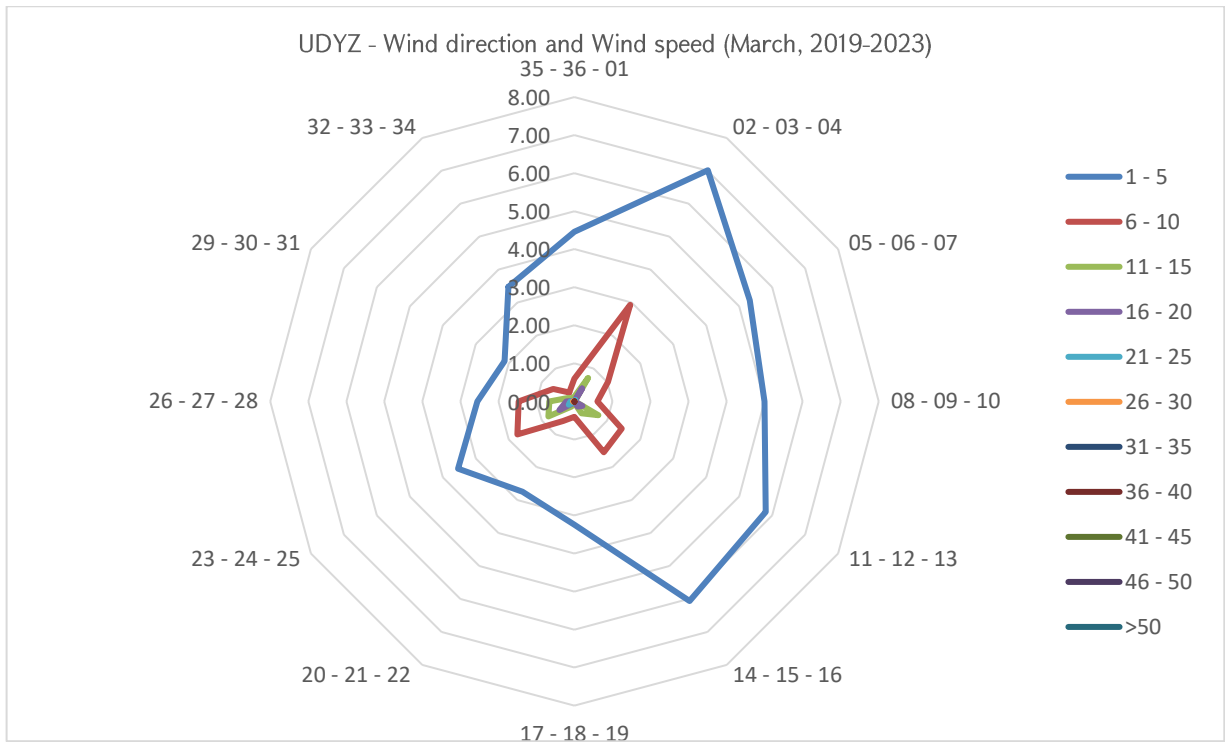
**VARIABLE: 17.35%**

The prevailing wind directions of 020° - 100° frequency of occurrence is 23.07% and that of 110°- 160° directions frequency of occurrence is 16.36%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 68.67%).

The maximum wind of 36-40 knots is observed within the 170°-190° sector (frequency of occurrence 0.01%).





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												8.00
VARIABLE	18.74	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.79
35 - 36 - 01	4.29	0.88	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25
02 - 03 - 04	8.04	4.81	0.93	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.93
05 - 06 - 07	5.13	1.35	0.21	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.72
08 - 09 - 10	4.38	1.10	0.17	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.68
11 - 12 - 13	5.39	1.68	0.61	0.28	0.04	0.00	0.00	0.00	0.00	0.00	0.00	8.00
14 - 15 - 16	6.83	1.39	0.36	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.61
17 - 18 - 19	3.58	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.08
20 - 21 - 22	2.82	0.57	0.04	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.50
23 - 24 - 25	2.85	1.31	0.64	0.32	0.15	0.06	0.01	0.01	0.00	0.00	0.00	5.35
26 - 27 - 28	2.33	1.17	0.54	0.33	0.13	0.07	0.04	0.00	0.00	0.00	0.00	4.61
29 - 30 - 31	2.54	0.83	0.29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.68
32 - 33 - 34	3.42	0.29	0.06	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	3.79
TOTAL	70.33	15.90	3.93	1.24	0.36	0.13	0.08	0.01	0.00	0.00	0.00	100.00

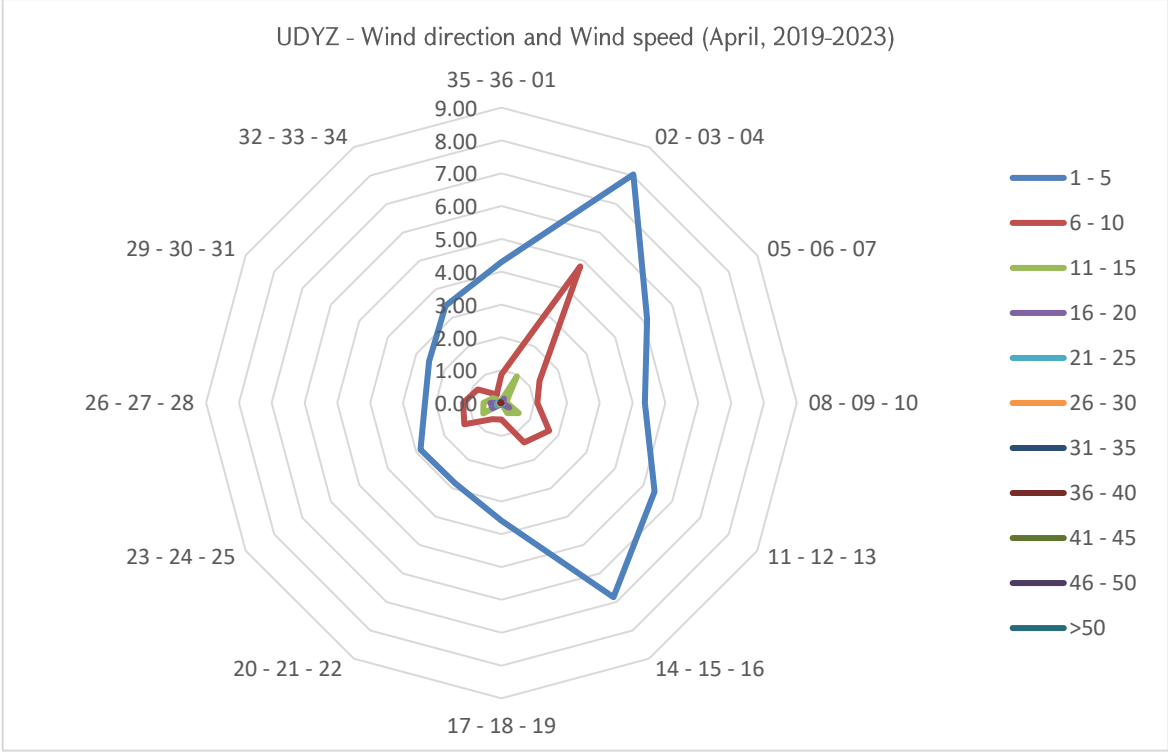
**CALM: 8.0%**

**VARIABLE: 18.79%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 13.93% and that of 110°- 160° directions frequency of occurrence is 16.61%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 70.33%).

The maximum wind of 36-40 knots is observed within the 230°-250° sector (frequency of occurrence 0.01%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ      MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												5.36
VARIABLE	18.74	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.87
35 - 36 - 01	3.04	0.98	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.33
02 - 03 - 04	6.79	6.63	1.65	0.30	0.05	0.07	0.00	0.00	0.00	0.00	0.00	15.48
05 - 06 - 07	5.46	2.14	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.76
08 - 09 - 10	3.88	0.63	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.62
11 - 12 - 13	5.67	1.48	0.47	0.15	0.01	0.01	0.00	0.00	0.00	0.00	0.00	7.80
14 - 15 - 16	8.15	1.65	0.24	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	10.15
17 - 18 - 19	4.78	0.86	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.70
20 - 21 - 22	3.23	0.85	0.12	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.22
23 - 24 - 25	2.70	1.49	0.42	0.23	0.12	0.00	0.00	0.00	0.00	0.00	0.00	4.96
26 - 27 - 28	2.81	1.29	0.34	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	4.52
29 - 30 - 31	2.28	0.71	0.16	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.21
32 - 33 - 34	2.46	0.47	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.02
TOTAL	69.99	19.29	4.10	0.91	0.27	0.08	0.00	0.00	0.00	0.00	0.00	100.00

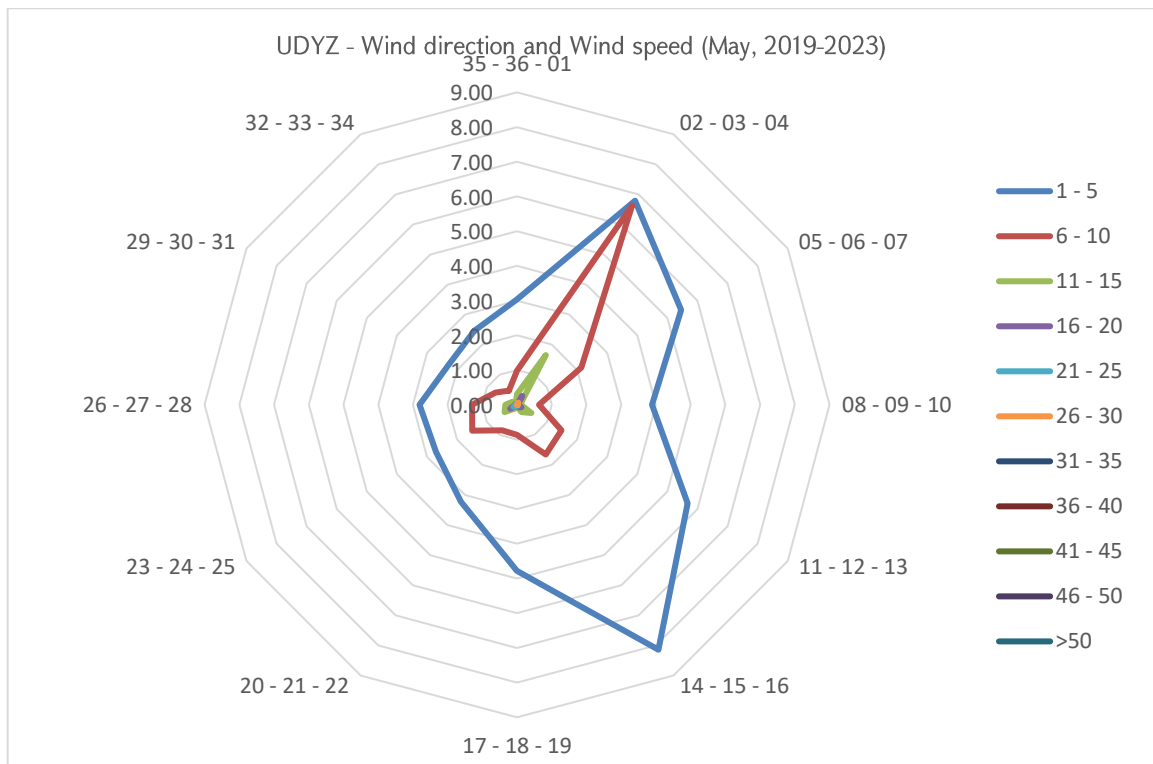
**CALM: 5.36%**

**VARIABLE: 18.87%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 23.24% and that of 110° - 190° directions frequency of occurrence is 23.65%.

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 89.28%).

The maximum wind of 26-30 knots is observed within the 020°-040° and 110° - 130° sectors (frequency of occurrence 0.08%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

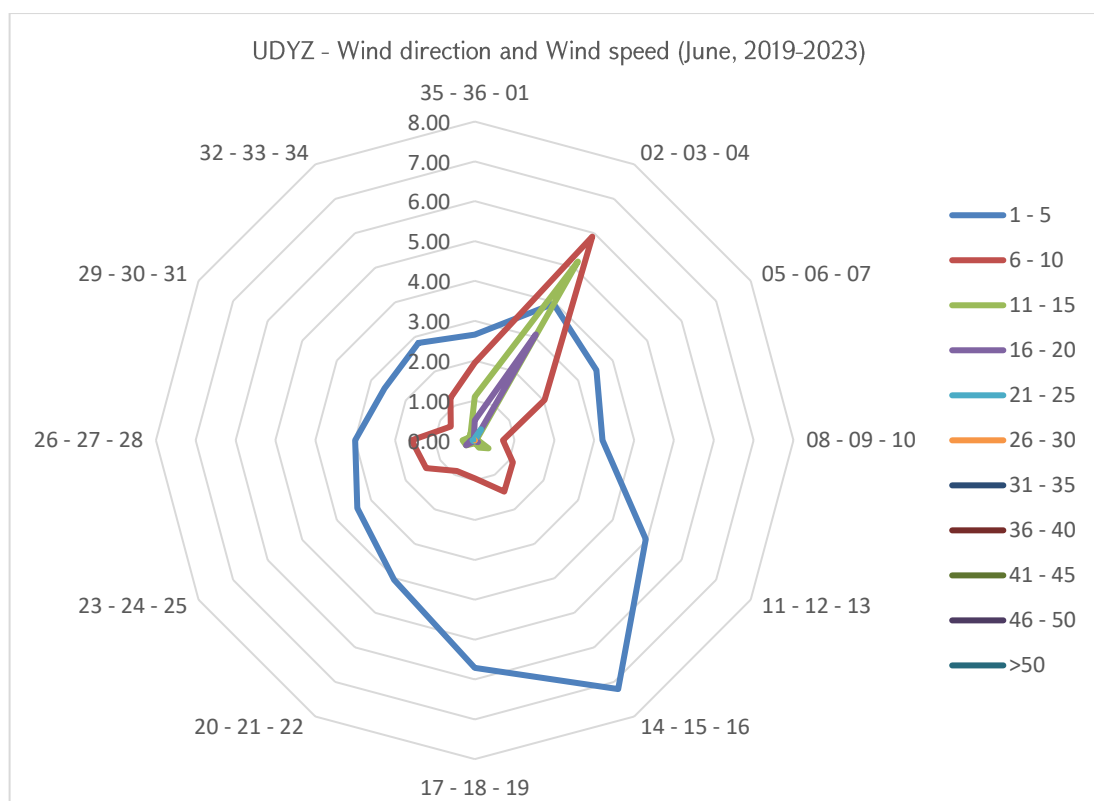
FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												3.57
VARIABLE	16.54	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.65
35 - 36 - 01	2.65	1.94	1.10	0.50	0.06	0.00	0.00	0.00	0.00	0.00	0.00	6.25
02 - 03 - 04	3.96	5.90	5.18	3.07	0.32	0.00	0.00	0.00	0.00	0.00	0.00	18.43
05 - 06 - 07	3.53	2.03	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.63
08 - 09 - 10	3.21	0.71	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
11 - 12 - 13	4.96	1.11	0.40	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.57
14 - 15 - 16	7.21	1.49	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.92
17 - 18 - 19	5.71	0.96	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72
20 - 21 - 22	4.04	0.89	0.10	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.06
23 - 24 - 25	3.40	1.40	0.25	0.25	0.04	0.00	0.00	0.00	0.00	0.00	0.00	5.35
26 - 27 - 28	3.00	1.58	0.31	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.04
29 - 30 - 31	2.61	0.69	0.15	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	3.53
32 - 33 - 34	2.82	1.22	0.21	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.29
TOTAL	63.64	20.03	8.13	4.13	0.49	0.03	0.00	0.00	0.00	0.00	0.00	100.00

**CALM' 3.57%**  
**VARIABLE' 16.65%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 18.43% and that of 110°- 190° directions frequency of occurrence is 22.21%.

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 83.67%).

The maximum wind of 26-30 knots is observed within the 290°- 310° sectors (frequency of occurrence 0.08%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												2.51
VARIABLE	15.08	0.34	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.54
35 - 36 - 01	1.30	2.23	1.85	0.90	0.11	0.00	0.00	0.00	0.00	0.00	0.00	6.40
02 - 03 - 04	2.07	6.12	8.67	6.48	1.52	0.19	0.00	0.00	0.00	0.00	0.00	25.04
05 - 06 - 07	3.27	1.90	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.36
08 - 09 - 10	3.01	0.67	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.70
11 - 12 - 13	4.40	1.02	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.46
14 - 15 - 16	8.68	1.55	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.26
17 - 18 - 19	7.42	1.41	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86
20 - 21 - 22	4.44	1.26	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.73
23 - 24 - 25	2.45	1.01	0.09	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	3.59
26 - 27 - 28	1.87	0.74	0.08	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.76
29 - 30 - 31	1.59	0.35	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98
32 - 33 - 34	1.47	0.91	0.32	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.84
TOTAL	57.03	19.50	11.42	7.65	1.69	0.19	0.00	0.00	0.00	0.00	0.00	100.00

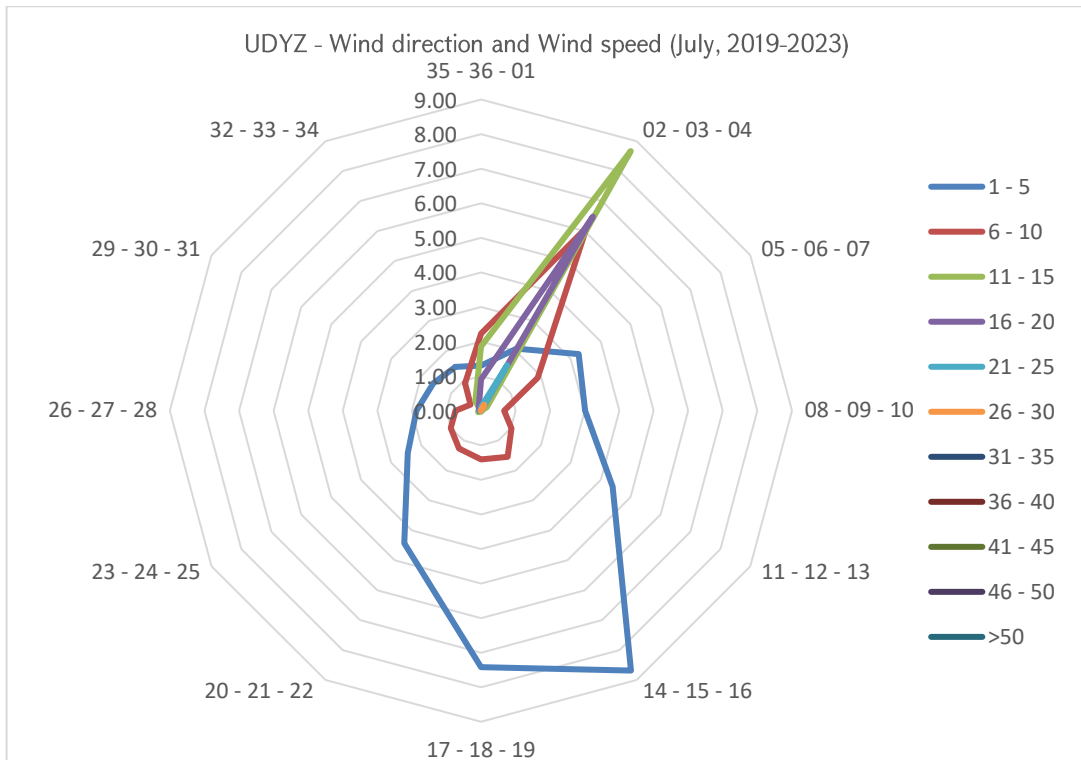
**CALM: 2.51%**

**VARIABLE: 15.54%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 25.04% and that of 140°- 190° directions frequency of occurrence is 19.12%:

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 76.53%).

The maximum wind of 26-30 knots is observed within the 020°-040° sector (frequency of occurrence 0.19%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												2.84
VARIABLE	13.92	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.30
35 - 36 - 01	1.52	2.04	1.96	0.55	0.05	0.00	0.00	0.00	0.00	0.00	0.00	6.13
02 - 03 - 04	3.02	8.47	8.43	5.81	1.53	0.08	0.00	0.00	0.00	0.01	0.00	27.35
05 - 06 - 07	3.32	2.67	0.52	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.55
08 - 09 - 10	2.94	0.56	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.60
11 - 12 - 13	4.50	0.86	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.56
14 - 15 - 16	8.76	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.87
17 - 18 - 19	7.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.97
20 - 21 - 22	4.65	0.67	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	5.35
23 - 24 - 25	2.27	0.59	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.02
26 - 27 - 28	1.33	0.32	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67
29 - 30 - 31	1.21	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49
32 - 33 - 34	1.64	1.33	0.28	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31
TOTAL	57.08	19.95	11.59	6.55	1.59	0.08	0.00	0.01	0.00	0.01	0.00	100.00

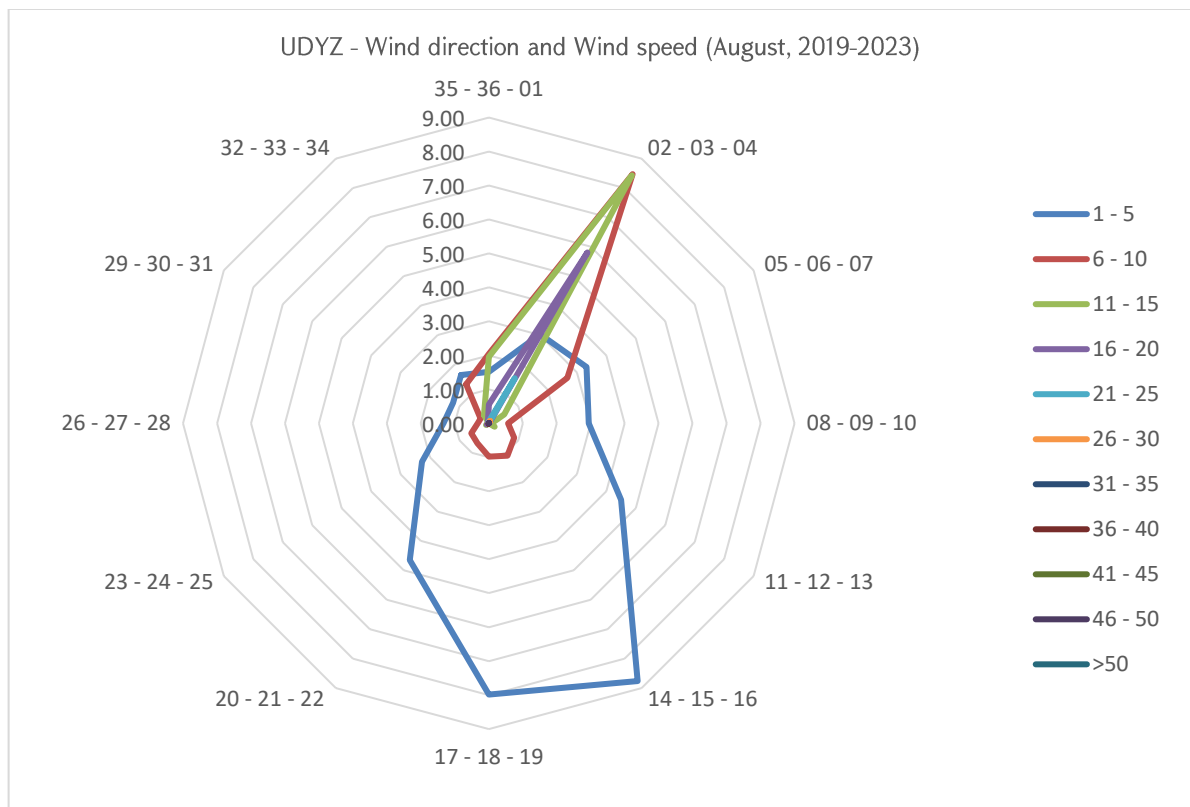
**CALM: 2.84%**

**VARIABLE: 14.30%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 27.35% and that of 140°- 190° directions frequency of occurrence is 18.83%:

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 77.03%).

The maximum wind of 36-40 knots is observed within the 200°-220° sector (frequency of occurrence 0.01%).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												6.33
VARIABLE	16.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.17
35 - 36 - 01	3.21	1.38	0.89	0.25	0.03	0.00	0.00	0.00	0.00	0.00	0.00	5.75
02 - 03 - 04	5.29	5.92	4.11	2.19	0.21	0.00	0.00	0.00	0.00	0.00	0.00	17.72
05 - 06 - 07	4.35	1.75	0.25	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38
08 - 09 - 10	4.39	0.47	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.89
11 - 12 - 13	5.82	0.47	0.11	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.53
14 - 15 - 16	9.57	0.69	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.31
17 - 18 - 19	6.85	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14
20 - 21 - 22	4.69	0.42	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.18
23 - 24 - 25	2.56	0.63	0.32	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	3.76
26 - 27 - 28	1.94	0.76	0.22	0.15	0.06	0.00	0.00	0.00	0.00	0.00	0.00	3.14
29 - 30 - 31	2.11	0.60	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83
32 - 33 - 34	2.81	0.94	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.88
TOTAL	69.72	14.35	6.25	3.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	100.00

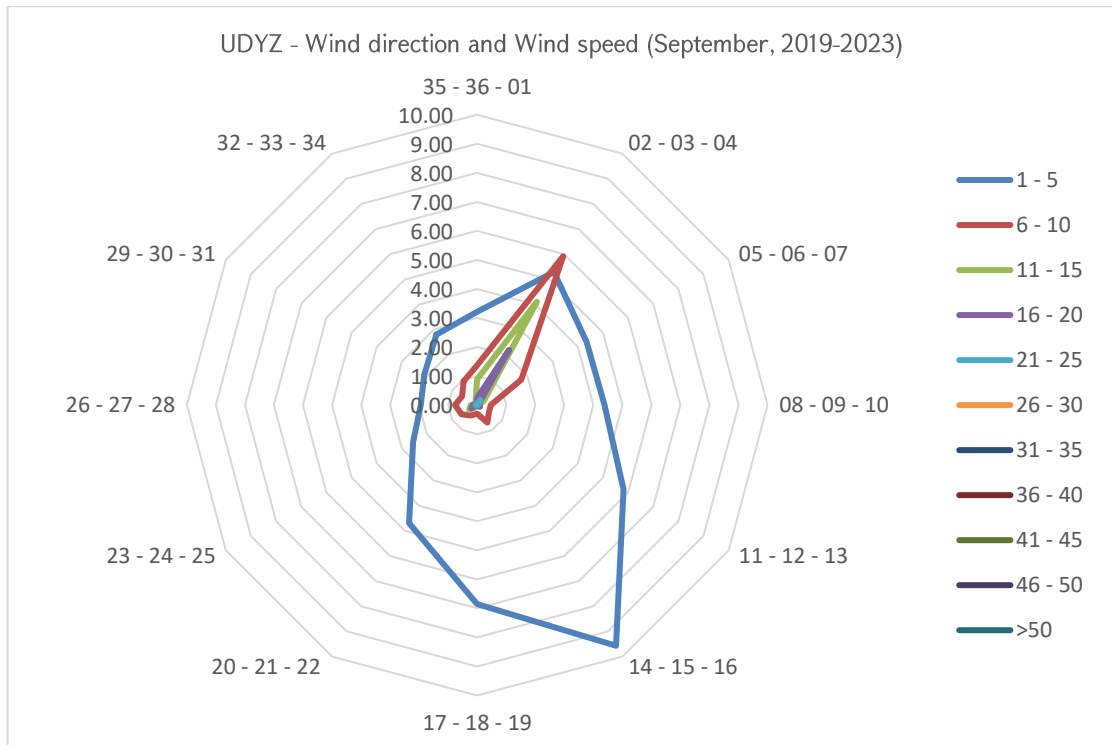
**CALM: 6.33%**

**VARIABLE: 16.17%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 17.72% and that of 140°- 160° directions frequency of occurrence is 10.31%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 69.72%).

The maximum wind of 21-25 knots is observed within the 350 °- 040°, 020° - 040°, 080° - 100°, 110°- 130°, 230°-250° and 260°-280° sectors (frequency of occurrence 0.35%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												17.53
VARIABLE	17.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.81
35 - 36 - 01	5.69	0.44	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.22
02 - 03 - 04	9.17	3.15	0.89	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.33
05 - 06 - 07	5.78	0.66	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.49
08 - 09 - 10	3.72	0.30	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.06
11 - 12 - 13	5.12	0.28	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.44
14 - 15 - 16	7.63	0.42	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08
17 - 18 - 19	4.34	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.49
20 - 21 - 22	3.41	0.22	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.72
23 - 24 - 25	2.89	0.51	0.17	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.64
26 - 27 - 28	2.28	0.20	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57
29 - 30 - 31	2.34	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53
32 - 33 - 34	3.84	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.09
TOTAL	74.03	6.59	1.63	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

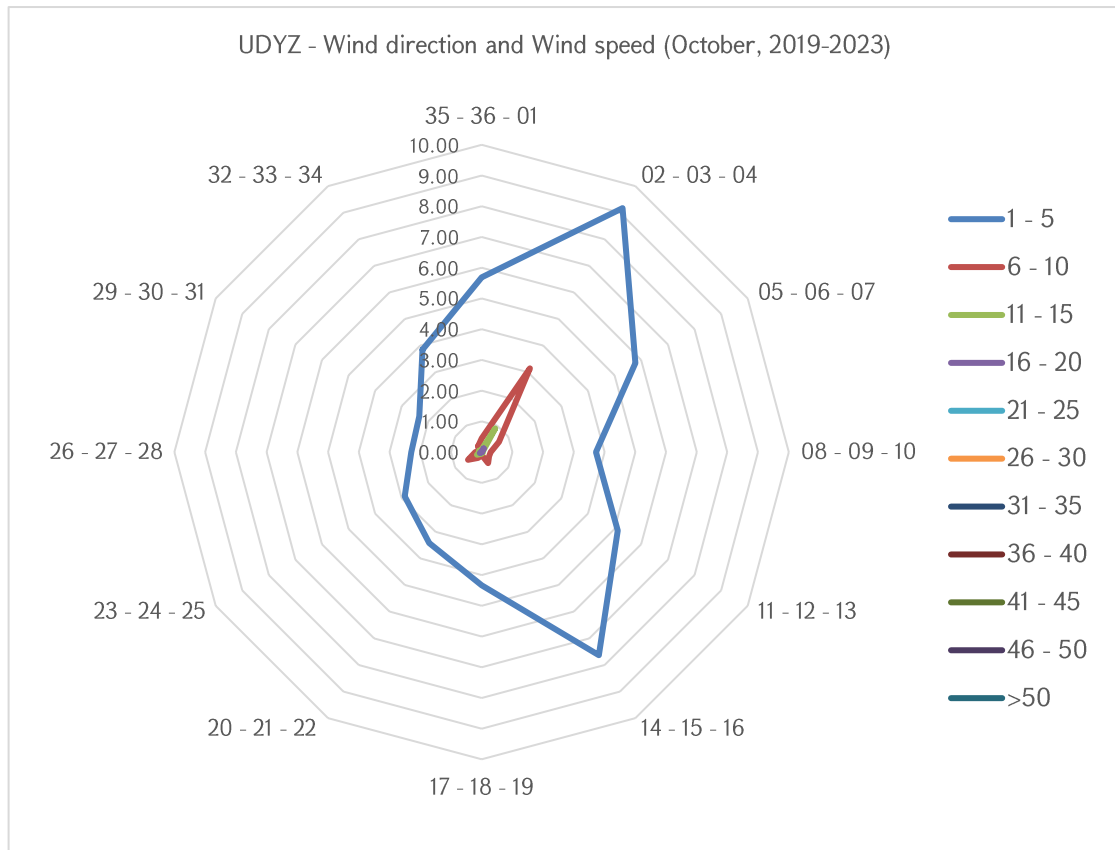
**CALM: 17.53%**

**VARIABLE: 17.81%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 13.33% and that of 140°- 160° directions frequency of occurrence is 8.08%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 74.03%).

The maximum wind of 16-20 knots is observed within the 020° - 040°, 200°-220°, 230°-250° and 260°-280° sectors (frequency of occurrence 0.23%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ      MONTH: NOBEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												25.68
VARIABLE	18.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.60
35 - 36 - 01	6.54	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67
02 - 03 - 04	9.76	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.92
05 - 06 - 07	4.57	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.76
08 - 09 - 10	3.14	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47
11 - 12 - 13	3.06	0.50	0.47	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.31
14 - 15 - 16	4.56	0.19	0.08	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.89
17 - 18 - 19	3.19	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29
20 - 21 - 22	2.82	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
23 - 24 - 25	3.94	0.32	0.07	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	4.43
26 - 27 - 28	2.06	0.33	0.24	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	2.76
29 - 30 - 31	2.43	0.22	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76
32 - 33 - 34	4.31	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.39
TOTAL	68.97	3.74	1.00	0.56	0.04	0.01	0.00	0.00	0.00	0.00	0.00	100.00

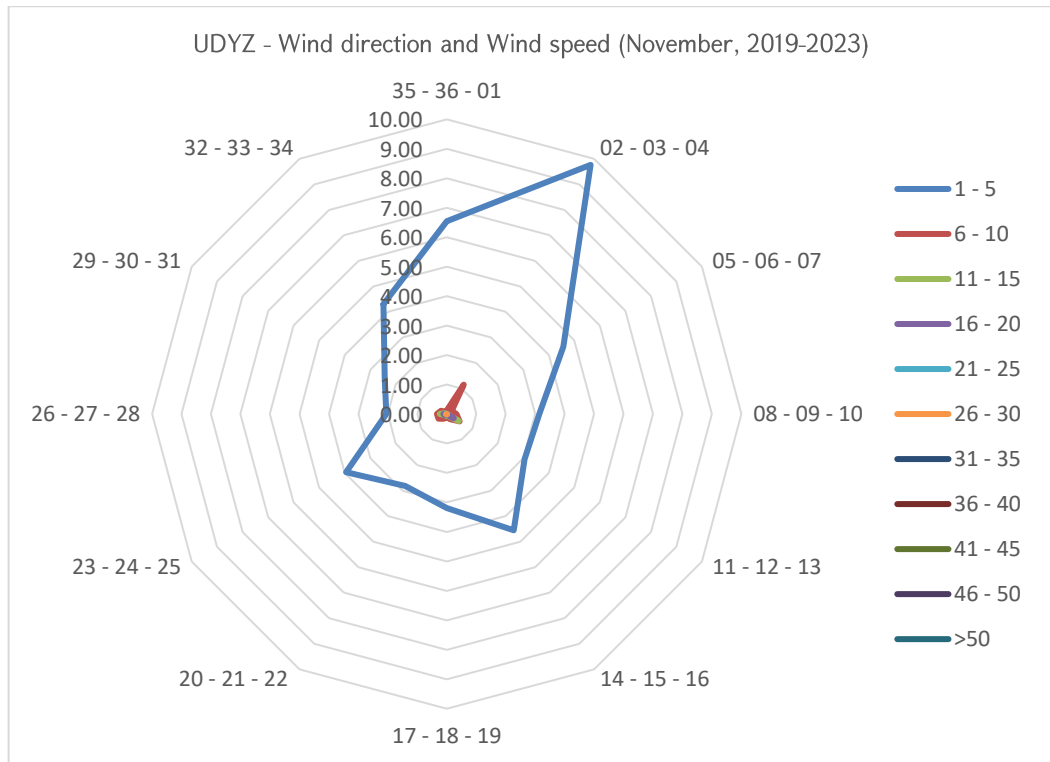
**CALM: 25.68%**

**VARIABLE: 18.60%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 10.92%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 68.97%).

The maximum wind of 26-30 knots is observed within the 230°-250° sector (frequency of occurrence 0.01%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												33.52
VARIABLE	13.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.71
35 - 36 - 01	5.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.93
02 - 03 - 04	6.92	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.22
05 - 06 - 07	4.31	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.45
08 - 09 - 10	3.29	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.49
11 - 12 - 13	3.64	0.42	0.07	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.27
14 - 15 - 16	3.80	0.23	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.07
17 - 18 - 19	2.45	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65
20 - 21 - 22	2.90	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
23 - 24 - 25	5.28	0.27	0.17	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82
26 - 27 - 28	3.25	0.20	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.51
29 - 30 - 31	2.61	0.12	0.07	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	2.82
32 - 33 - 34	5.48	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54
TOTAL	63.59	2.18	0.36	0.34	0.00	0.00	0.00	0.01	0.00	0.00	0.00	100.00

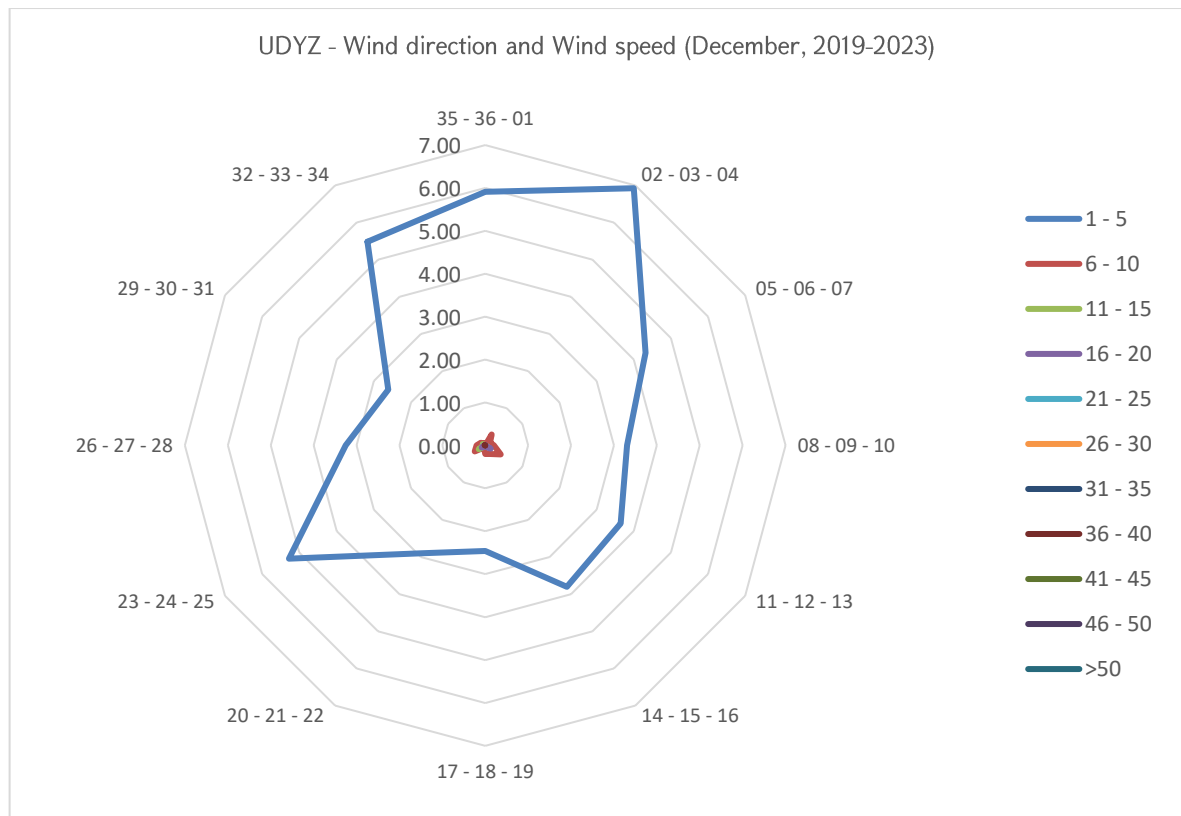
**CALM: 33.52%**

**VARIABLE: 13.71%**

The prevailing wind directions of 350° - 040° frequency of occurrence is 13.13% and that of 230°- 250° directions frequency of occurrence is 5.83%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 63.59%).

The maximum wind of 26-30 knots is observed within the 110° - 130°, 140° - 160°, 200°- 220°, 230°-250°, 260°-280° and 290°-310° sectors (frequency of occurrence 0.34%).



## 4.3 Wind Speed and Direction per Season

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ SEASON: WINTER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21,648

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												27.96
VARIABLE	17.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.21
35 - 36 - 01	5.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.44
02 - 03 - 04	7.03	0.55	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.59
05 - 06 - 07	4.64	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.85
08 - 09 - 10	3.69	0.24	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95
11 - 12 - 13	3.80	0.33	0.18	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	4.44
14 - 15 - 16	3.95	0.27	0.19	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.48
17 - 18 - 19	2.71	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.88
20 - 21 - 22	3.13	0.23	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40
23 - 24 - 25	5.18	0.60	0.18	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	6.11
26 - 27 - 28	3.22	0.52	0.25	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.11
29 - 30 - 31	2.38	0.26	0.14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83
32 - 33 - 34	4.63	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.75
TOTAL	66.87	3.57	1.03	0.51	0.05	0.00	0.00	0.00	0.00	0.00	0.00	100.00

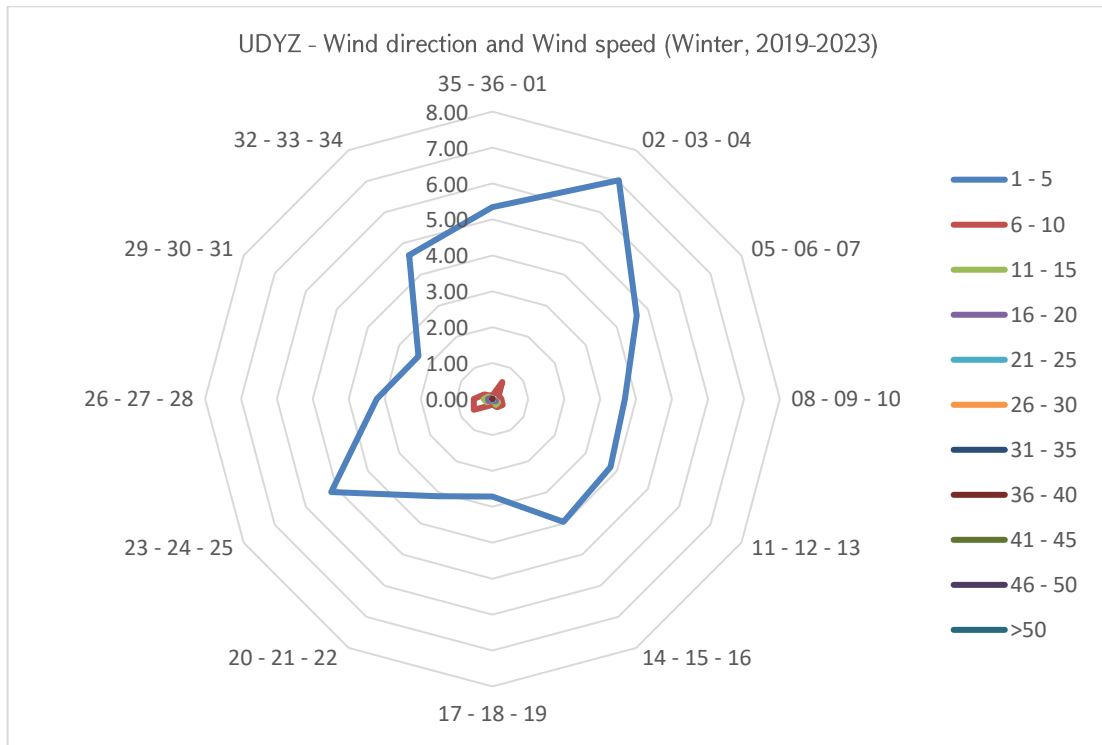
**CALM: 27.96%**

**VARIABLE: 17.21%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 7.59% and that of 230°- 250° directions frequency of occurrence is 6.11%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 66.87%).

The maximum wind of 21-15 knots is observed within the 110° - 130°, 230°-250° and 260°-280° sectors (frequency of occurrence 0.05%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ SEASON: SPRING

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22,080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												8.52
VARIABLE	18.27	0.06	0.01	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	18.34
35 - 36 - 01	3.93	0.82	0.17	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	4.92
02 - 03 - 04	7.28	4.79	1.10	0.28	0.03	0.02	0.00	0.000	0.00	0.00	0.00	13.50
05 - 06 - 07	5.30	1.50	0.12	0.01	0.00	0.00	0.00	0.000	0.00	0.00	0.00	6.95
08 - 09 - 10	4.42	0.78	0.10	0.01	0.00	0.00	0.00	0.000	0.00	0.00	0.00	5.31
11 - 12 - 13	5.62	1.53	0.60	0.22	0.02	0.00	0.00	0.000	0.00	0.00	0.00	8.00
14 - 15 - 16	7.01	1.53	0.32	0.09	0.01	0.00	0.00	0.000	0.00	0.00	0.00	8.97
17 - 18 - 19	3.87	0.59	0.03	0.00	0.00	0.00	0.00	0.004	0.00	0.00	0.00	4.49
20 - 21 - 22	2.93	0.67	0.11	0.04	0.01	0.00	0.00	0.000	0.00	0.00	0.00	3.76
23 - 24 - 25	3.03	1.51	0.62	0.33	0.15	0.03	0.00	0.005	0.00	0.00	0.00	5.68
26 - 27 - 28	2.57	1.31	0.51	0.20	0.09	0.04	0.01	0.000	0.00	0.00	0.00	4.72
29 - 30 - 31	2.32	0.73	0.21	0.03	0.01	0.00	0.00	0.000	0.00	0.00	0.00	3.30
32 - 33 - 34	3.12	0.34	0.07	0.01	0.00	0.00	0.01	0.000	0.00	0.00	0.00	3.55
TOTAL	69.66	16.15	3.97	1.23	0.33	0.09	0.03	0.01	0.00	0.00	0.00	100.00

**CALM: 8.52%**

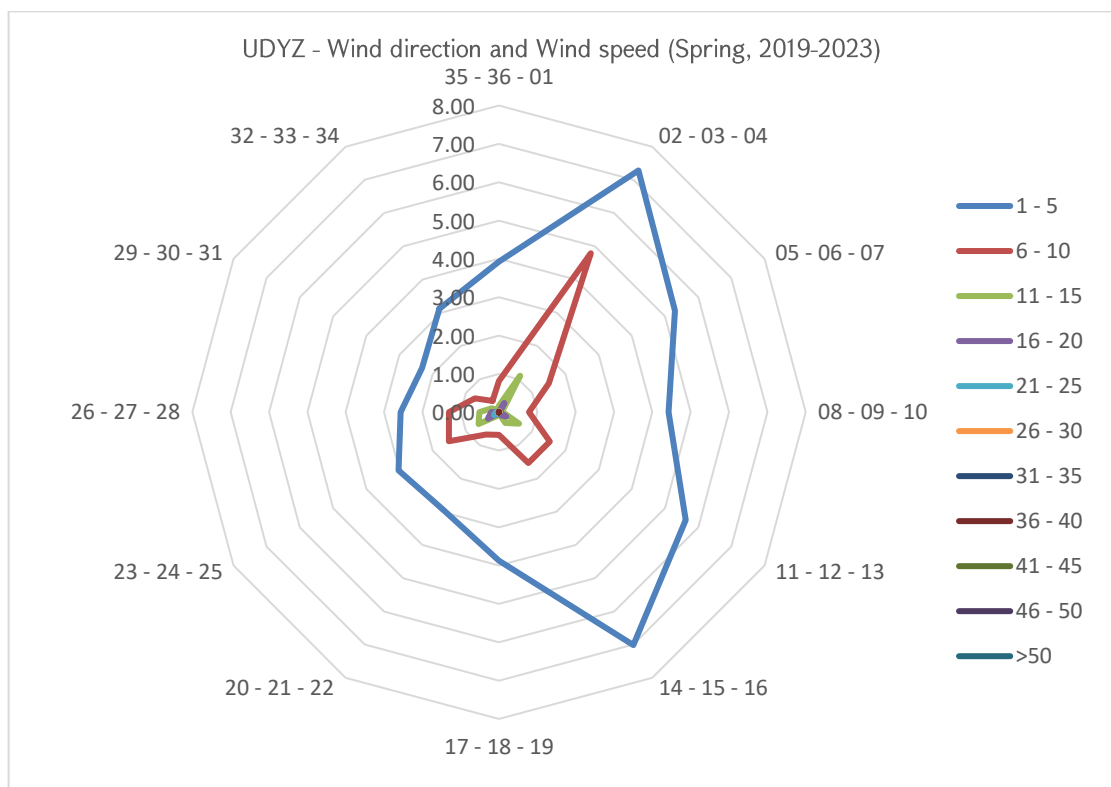
**VARIABLE: 18.34%**



The prevailing wind directions of 020° - 040° frequency of occurrence is 13.50% of 110°-160° directions frequency of occurrence is 18.37% and that of 230°- 280° directions frequency of occurrence is 16.97%.

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 85.82%).

The maximum wind of 36-40 knots is observed within the 170° - 190° and 230°-250° sectors (frequency of occurrence 0.01%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL D**

#### TABULAR FORM

AERODROME: UDYZ      SEASON: SUMMER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22,080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												2.97
VARIABLE	15.18	0.16	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.50
35 - 36 - 01	1.83	2.07	1.64	0.65	0.07	0.00	0.00	0.00	0.00	0.00	0.00	6.26
02 - 03 - 04	3.02	6.83	7.43	5.12	1.12	0.09	0.00	0.00	0.00	0.00	0.00	23.61
05 - 06 - 07	3.37	2.20	0.27	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84
08 - 09 - 10	3.05	0.65	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.77
11 - 12 - 13	4.62	1.00	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86
14 - 15 - 16	8.22	1.38	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.68
17 - 18 - 19	7.04	1.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.18
20 - 21 - 22	4.38	0.94	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38
23 - 24 - 25	2.71	1.00	0.15	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	3.99
26 - 27 - 28	2.07	0.88	0.13	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	3.15
29 - 30 - 31	1.80	0.44	0.06	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	2.33
32 - 33 - 34	1.97	1.16	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48
TOTAL	59.25	19.83	10.38	6.11	1.26	0.10	0.00	0.00	0.00	0.00	0.00	100.00

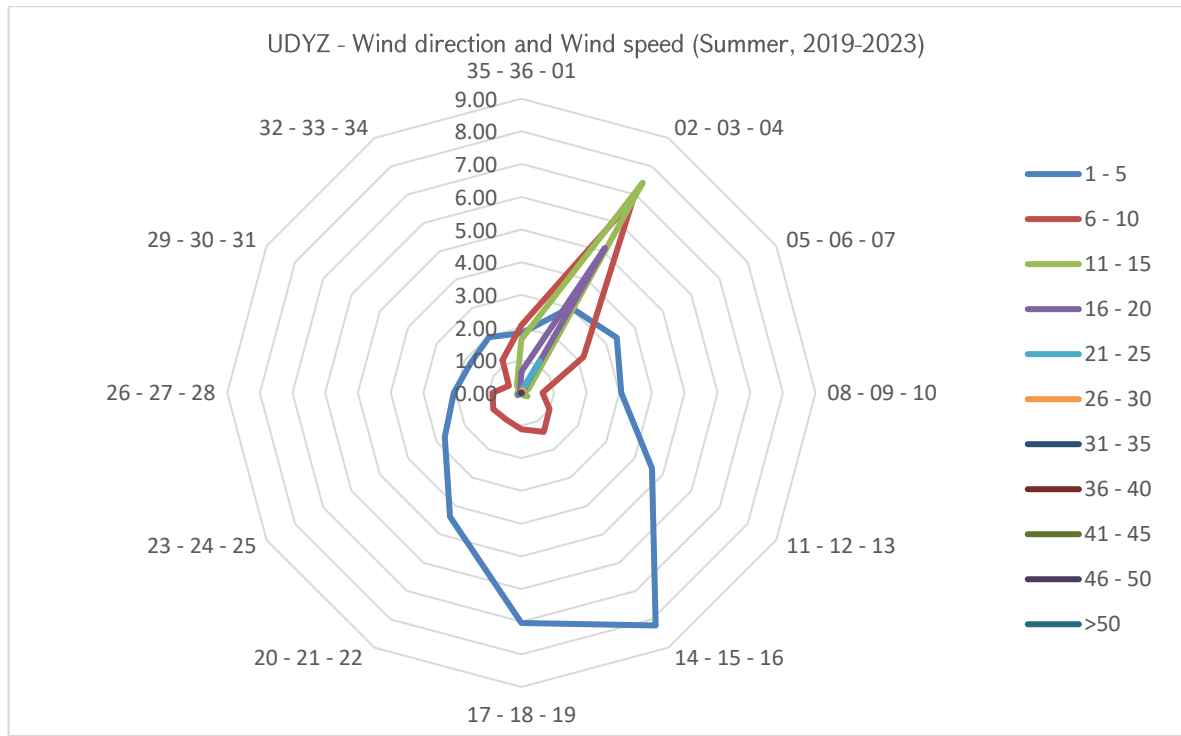
**CALM: 2.97%**

**VARIABLE: 15.50%**

The prevailing wind directions of 020° - 040° frequency of occurrence is 23.61% and that of 140°- 190° directions frequency of occurrence is 17.86%.

The most frequent wind speed is up to 15 knots, which corresponds to the Moderate breeze according to “Beaufort wind force scale” (frequencies of occurrence 89.45%).

The maximum wind of 26-30 knots is observed within the 020° - 040° and 290°-310° sectors (frequency of occurrence 0.10%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDYZ      SEASON: AUTUMN      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 21,840      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E      ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												16.51
VARIABLE	17.52	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.52
35 - 36 - 01	5.15	0.65	0.33	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.21
02 - 03 - 04	8.07	3.40	1.67	0.78	0.07	0.00	0.00	0.00	0.00	0.00	0.00	13.99
05 - 06 - 07	4.90	0.87	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.88
08 - 09 - 10	3.75	0.37	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14
11 - 12 - 13	4.67	0.42	0.21	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.43
14 - 15 - 16	7.25	0.44	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.76
17 - 18 - 19	4.79	0.16	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.97
20 - 21 - 22	3.64	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99
23 - 24 - 25	3.13	0.49	0.19	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.95
26 - 27 - 28	2.09	0.43	0.18	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	2.82
29 - 30 - 31	2.29	0.30	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71
32 - 33 - 34	3.65	0.42	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.12
TOTAL	70.91	8.22	2.96	1.26	0.13	0.00	0.00	0.00	0.00	0.00	0.00	100.00

**CALM: 16.51%**

**VARIABLE: 17.52%**

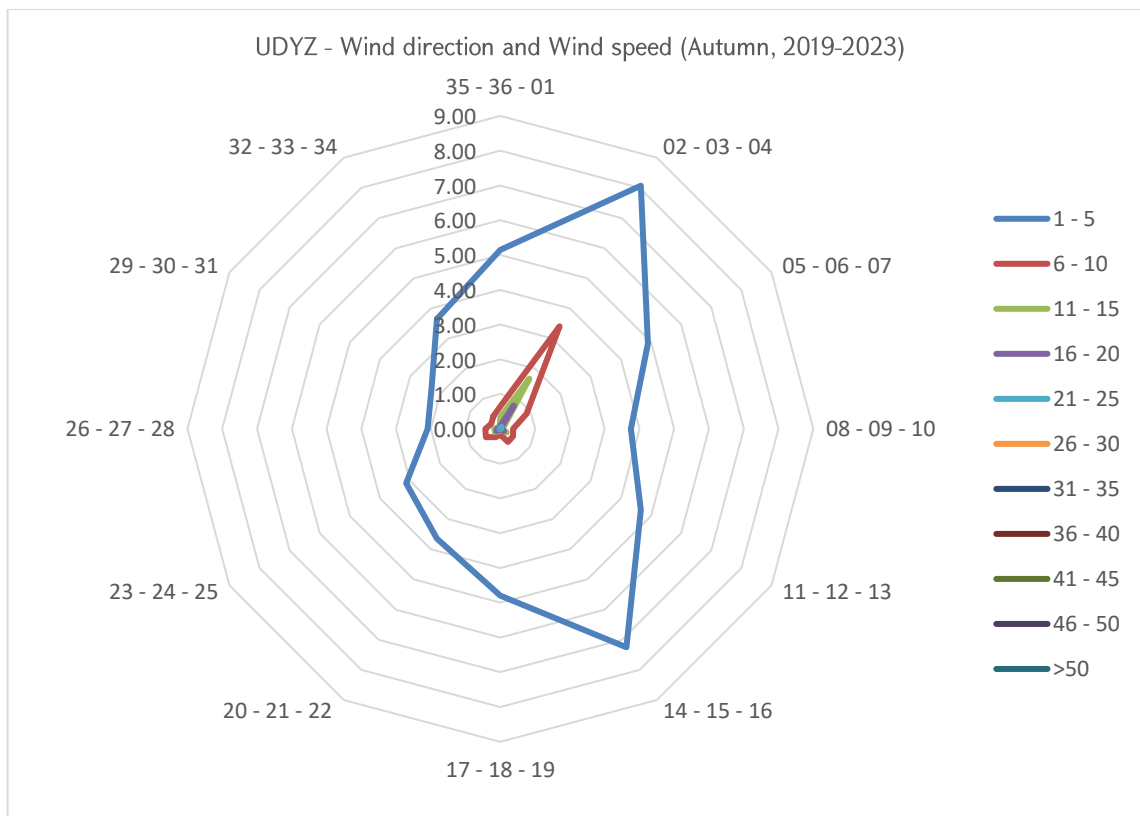
The prevailing wind directions of 020° - 040° frequency of occurrence is 13.99% and that of



140°- 160° directions frequency of occurrence is 7.76%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 70.91%).

The maximum wind of 21-25 knots is observed within the 350°-010°, 020° - 040°, 230°-250° and 260°-280° sectors (frequency of occurrence 0.13%).



## 4.4 Wind Gust Speed and Direction

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

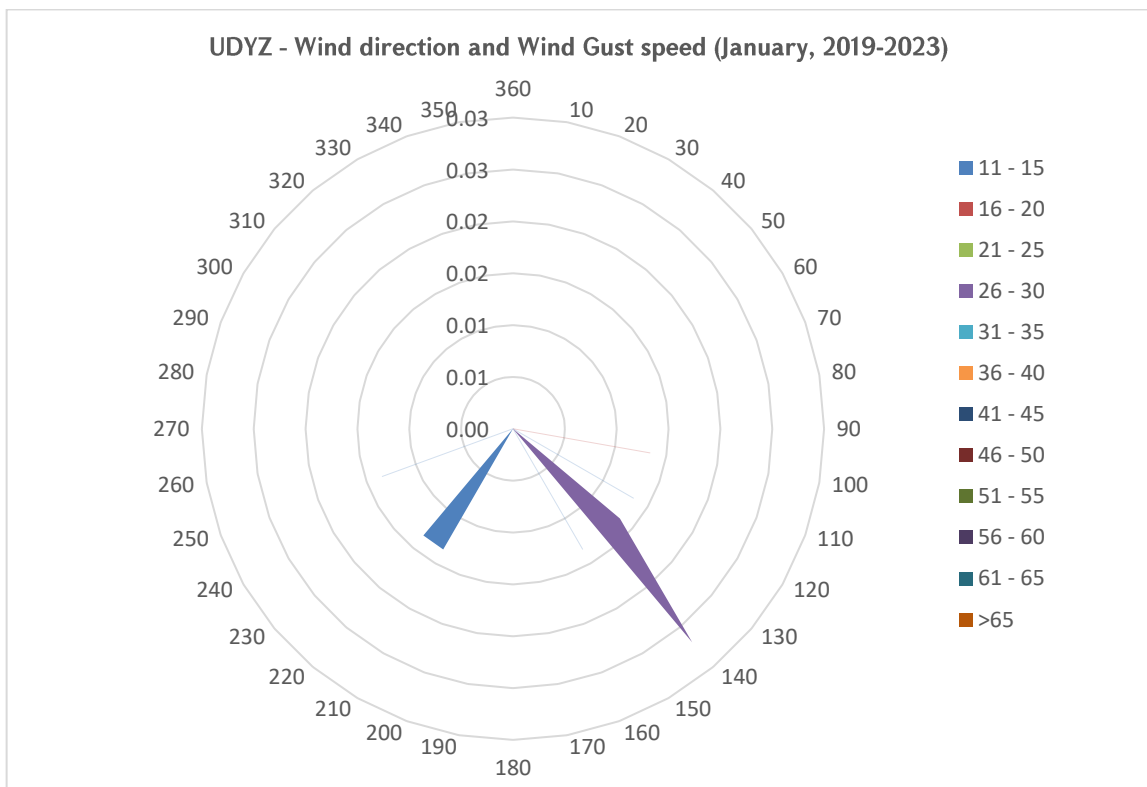
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
140	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.07	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.04%).

The directions of maximum wind gusts are 140° and 210°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UDYZ      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

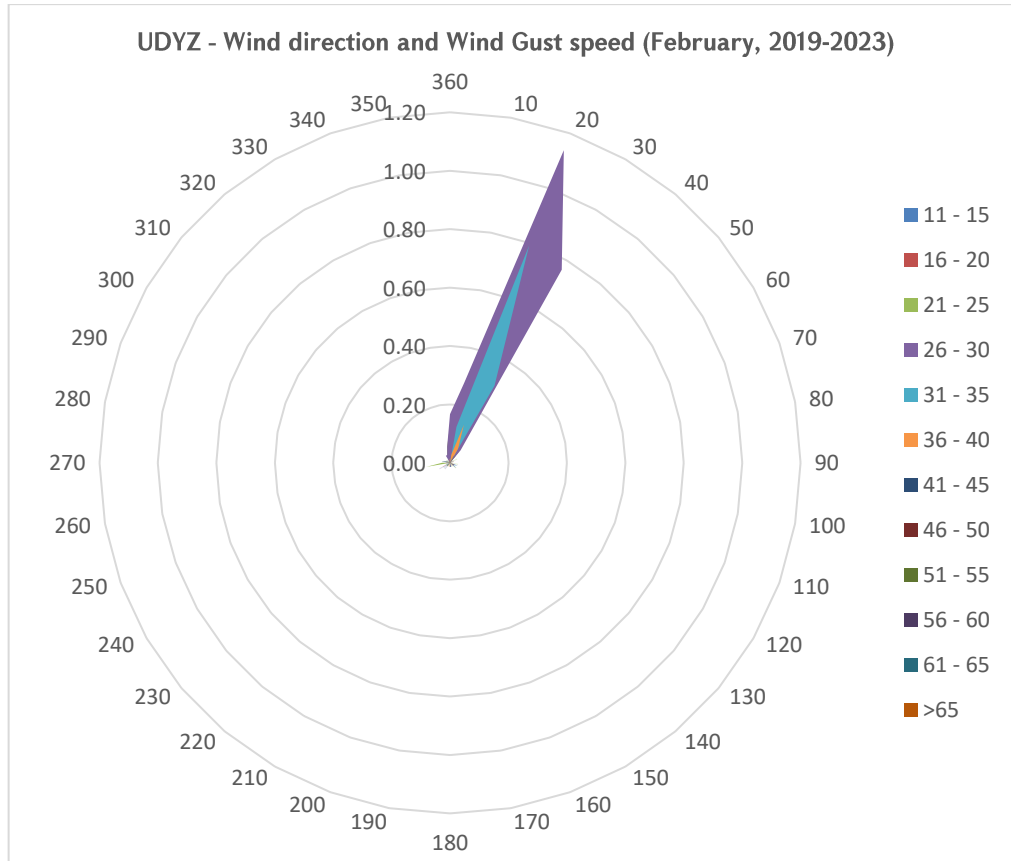
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
140	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.07	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.04%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.04%).

The directions of maximum wind gusts are  $20^{\circ}$  and  $30^{\circ}$ .





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

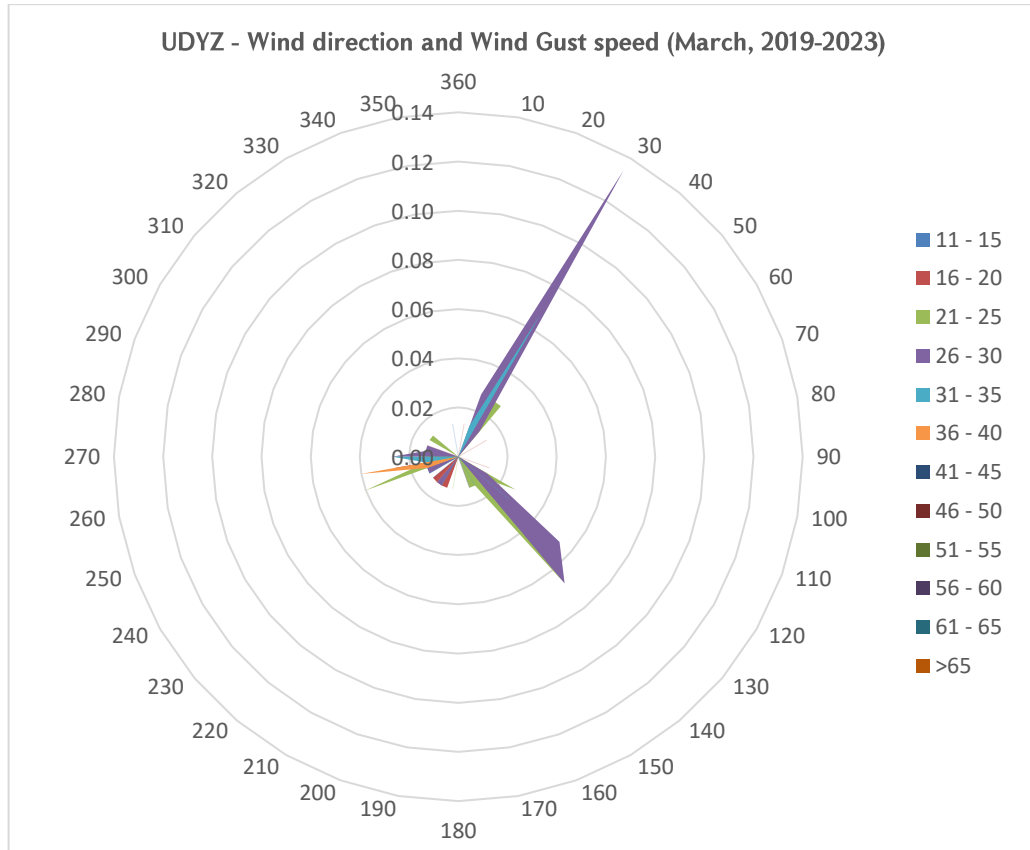
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
30	0.00	0.00	0.03	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
40	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
120	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
130	0.00	0.00	0.01	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
140	0.03	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
150	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
160	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
210	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
220	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
230	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03
240	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
250	0.01	0.01	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.09
260	0.00	0.03	0.01	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.09
270	0.00	0.00	0.01	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
280	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
290	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
300	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
310	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL	0.08	0.15	0.32	0.43	0.19	0.07	0.01	0.00	0.00	0.00	0.00	0.00	1.25

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.01%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.43%).

The directions of maximum wind gusts are  $30^{\circ}$  and  $140^{\circ}$ .



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UDYZ      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

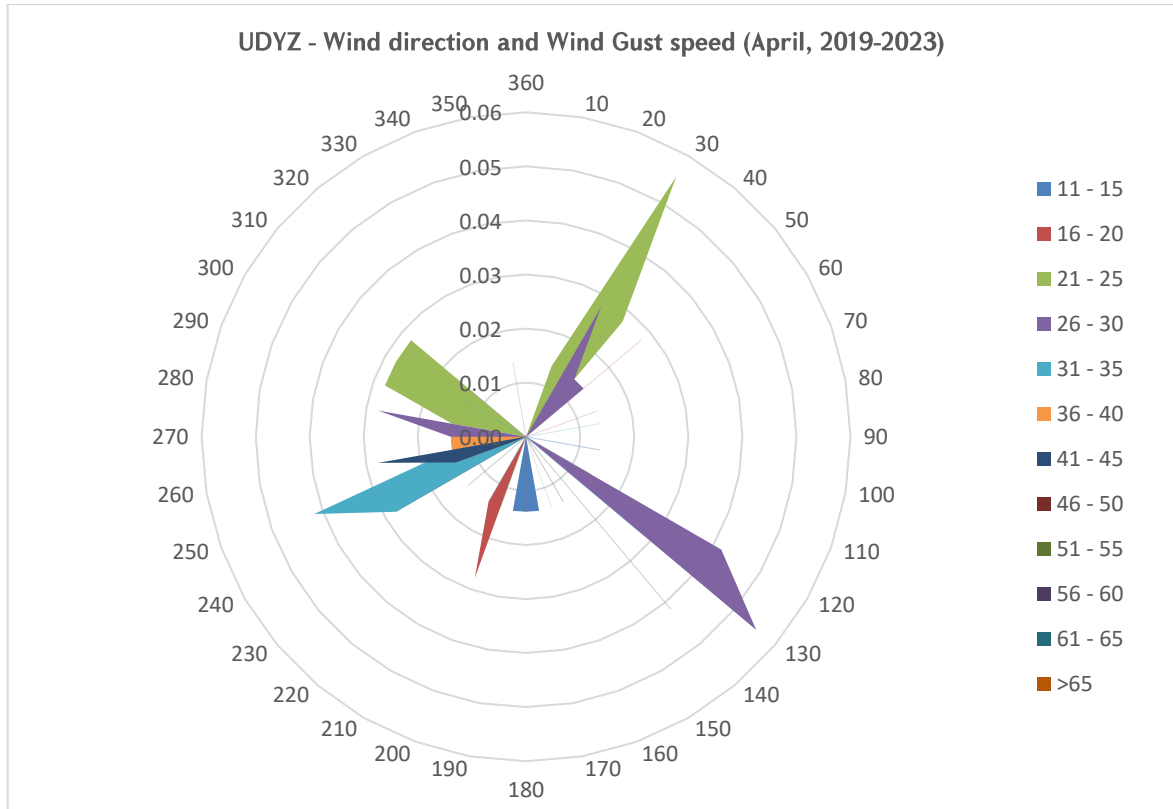
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
30	0.00	0.01	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
40	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
50	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
80	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.01	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
130	0.00	0.00	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
140	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
150	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
160	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
190	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
210	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
250	0.00	0.03	0.00	0.00	0.04	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.10
260	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.08
270	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
280	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
300	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
310	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL	0.13	0.19	0.31	0.26	0.18	0.03	0.04	0.01	0.00	0.00	0.00	0.00	1.15

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.05%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.26%).

The directions of maximum wind gusts are  $30^\circ$  and  $130^\circ$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

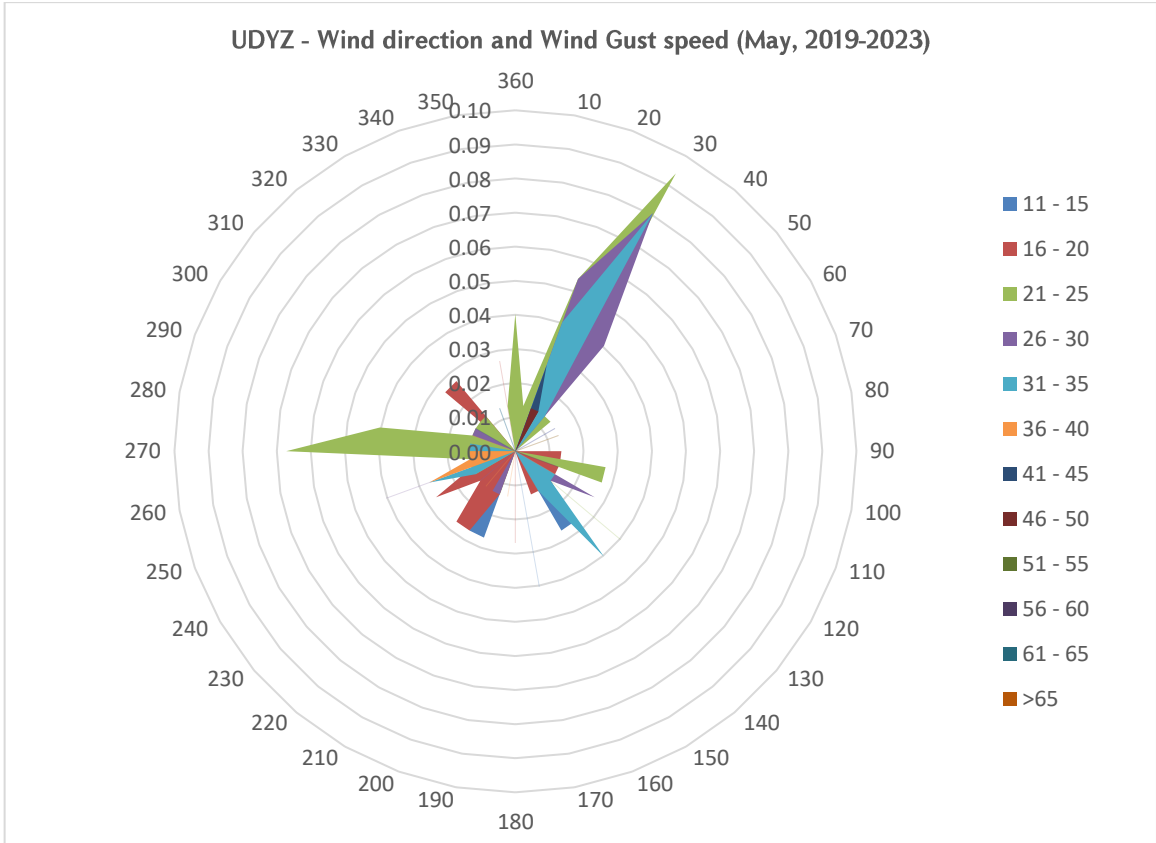
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
10	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.05	0.05	0.04	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.19
30	0.00	0.00	0.09	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.30
40	0.00	0.01	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
50	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
60	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
70	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
100	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
110	0.00	0.01	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05
120	0.00	0.01	0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07
130	0.00	0.01	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
140	0.03	0.03	0.00	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
150	0.03	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
160	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
180	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
190	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
210	0.03	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
220	0.01	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05
230	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
250	0.00	0.01	0.01	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.12
260	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
270	0.00	0.00	0.07	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.11
280	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
290	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
300	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04
310	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
320	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03
350	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
TOTAL	0.17	0.39	0.58	0.39	0.30	0.12	0.08	0.03	0.00	0.00	0.00	0.00	2.06

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.11%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.58%).

The directions of maximum wind gusts are  $30^\circ$  and  $270^\circ$ .



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UDYZ      MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

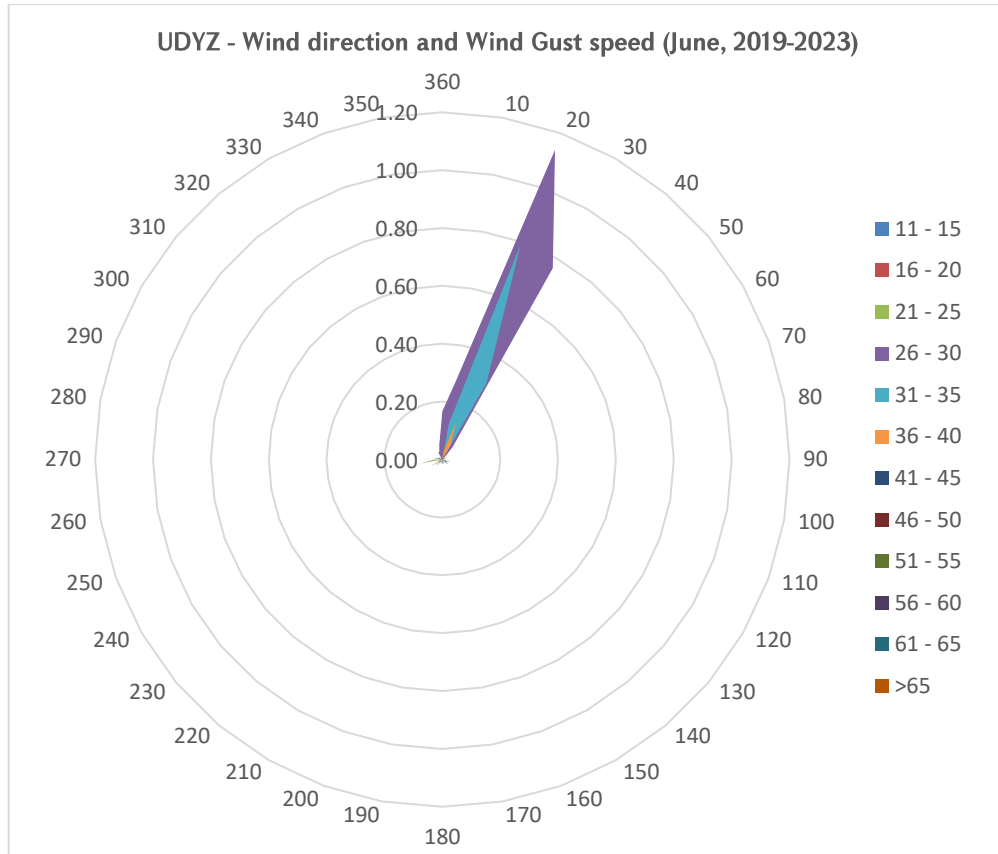
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	0.00	0.03	0.13	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
10	0.01	0.03	0.19	0.28	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.67
20	0.00	0.06	0.49	1.14	0.79	0.14	0.00	0.00	0.00	0.00	0.00	0.00	2.61
30	0.01	0.04	0.47	0.76	0.31	0.06	0.03	0.00	0.00	0.00	0.00	0.00	1.68
40	0.00	0.03	0.04	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
70	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
110	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
120	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
130	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
140	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
150	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
180	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
190	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
230	0.01	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
240	0.00	0.03	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
250	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
270	0.00	0.00	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
280	0.03	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
290	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
300	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
330	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
340	0.00	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
350	0.01	0.01	0.06	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.15
TOTAL	0.24	0.39	1.69	2.61	1.31	0.26	0.03	0.00	0.01	0.00	0.00	0.00	6.54

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.04%.

The maximum wind gust speed (31-35 knots) corresponds to Near Gale according to “Beaufort wind force scale” (frequency of occurrence 2.61%).

The directions of maximum wind gusts are  $20^{\circ}$  and  $30^{\circ}$ .





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

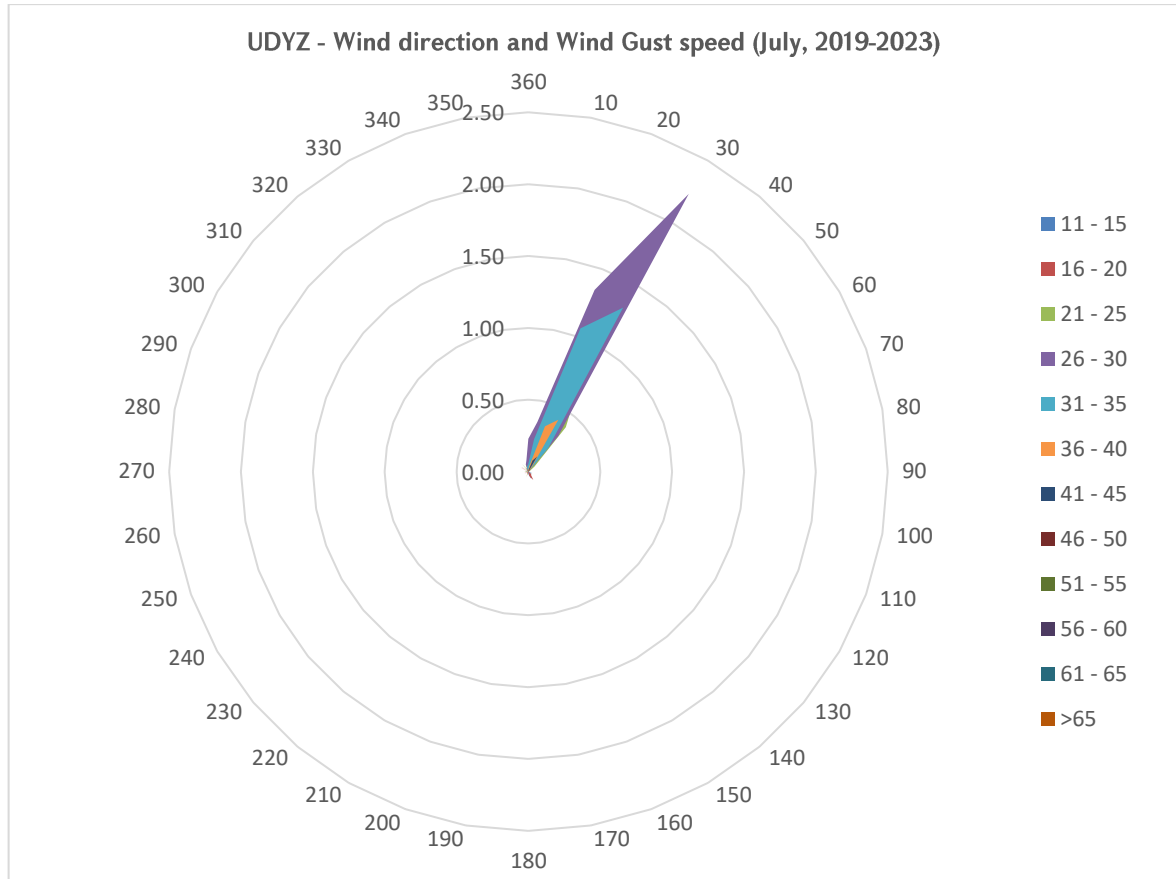
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	0.00	0.01	0.19	0.23	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.50
10	0.00	0.04	0.22	0.35	0.23	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.89
20	0.00	0.08	0.70	1.34	1.06	0.34	0.08	0.00	0.00	0.00	0.00	0.00	3.60
30	0.00	0.05	0.70	2.23	1.32	0.42	0.12	0.01	0.00	0.00	0.00	0.00	4.85
40	0.00	0.04	0.40	0.32	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	1.01
50	0.00	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
60	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
120	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
140	0.01	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
150	0.03	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
160	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
170	0.03	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
180	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.01	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
210	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
280	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
290	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
330	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
340	0.00	0.03	0.05	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.17
350	0.00	0.01	0.05	0.08	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.20
TOTAL	0.19	0.67	2.55	4.68	2.98	0.87	0.22	0.01	0.00	0.00	0.00	0.00	12.18

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.23%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 4.68%).

The directions of maximum wind gusts are  $20^{\circ}$  and  $30^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

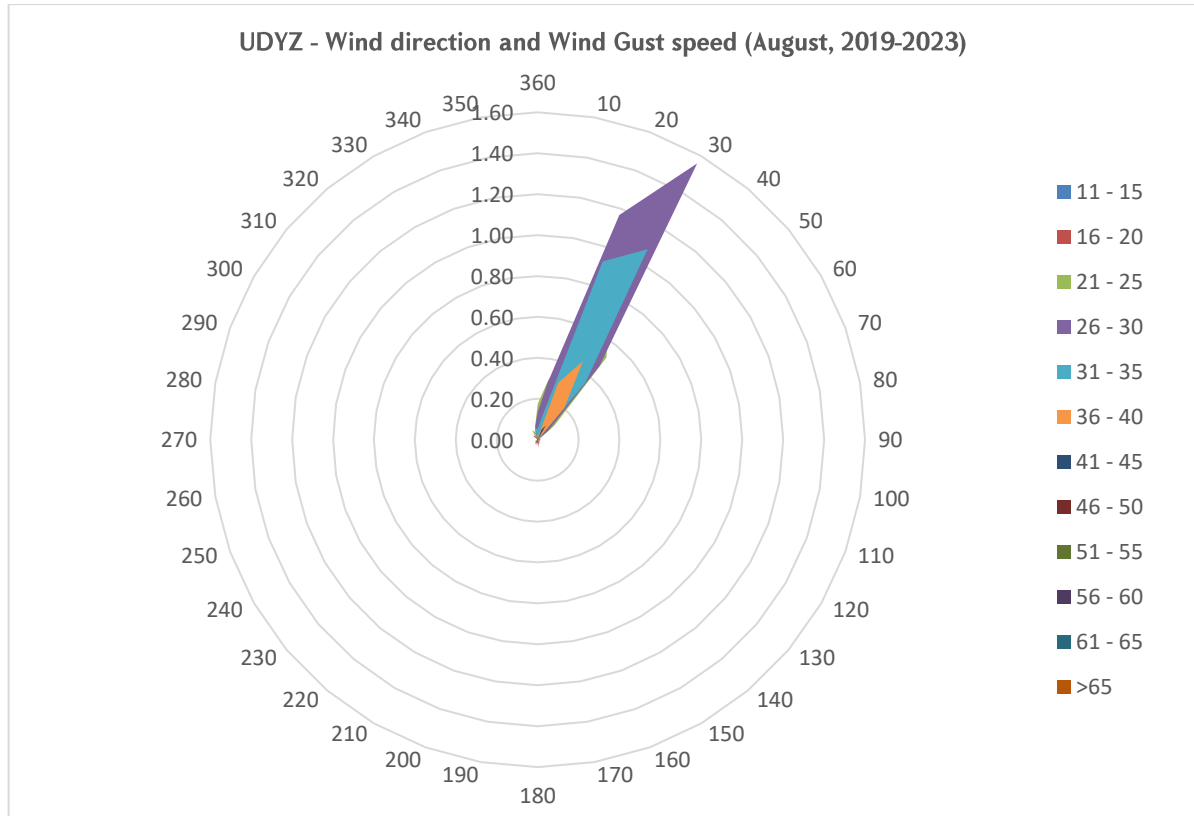
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.04	0.17	0.13	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
10	0.00	0.04	0.30	0.28	0.11	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.75
20	0.00	0.04	0.46	1.17	0.93	0.30	0.05	0.00	0.00	0.00	0.00	0.00	2.94
30	0.00	0.13	0.69	1.56	1.08	0.44	0.08	0.00	0.00	0.00	0.00	0.00	3.98
40	0.00	0.08	0.52	0.47	0.36	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.64
50	0.00	0.03	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
60	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
100	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
140	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
160	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
170	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
180	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
190	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
200	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04
210	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
230	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
330	0.00	0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
340	0.01	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
350	0.00	0.01	0.07	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
TOTAL	0.13	0.71	2.53	3.79	2.59	0.95	0.15	0.03	0.00	0.00	0.01	0.00	10.90

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.18%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 3.79%).

The directions of maximum wind gusts are  $20^{\circ}$  and  $30^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

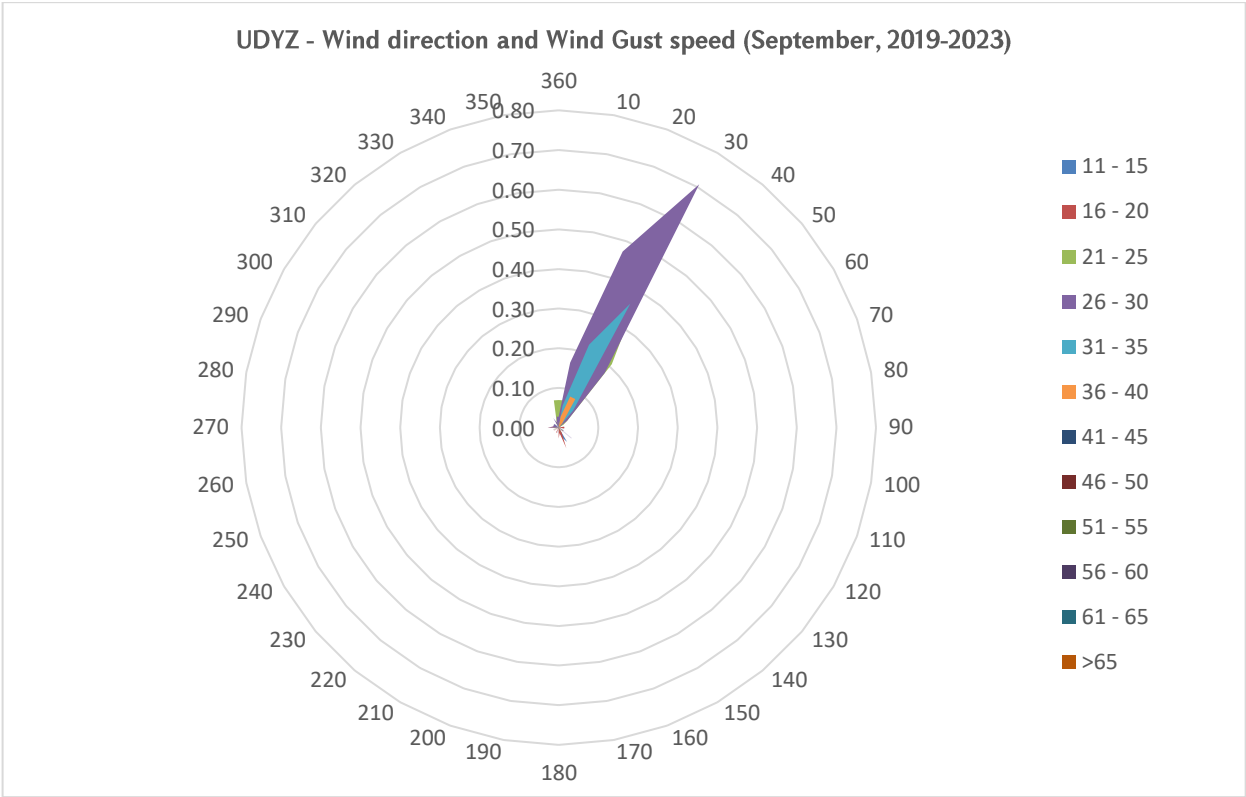
LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
10	0.00	0.00	0.07	0.17	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.32
20	0.01	0.00	0.21	0.47	0.22	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.00
30	0.00	0.00	0.43	0.71	0.36	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.58
40	0.01	0.00	0.21	0.18	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.47
50	0.00	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
60	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
90	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
100	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
130	0.01	0.01	0.00	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
160	0.03	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
170	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
180	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
190	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
210	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
250	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
280	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
340	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
350	0.00	0.00	0.07	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.13
TOTAL	0.15	0.29	1.18	1.79	0.74	0.24	0.00	0.00	0.00	0.00	0.00	0.00	4.39

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.79%).

The directions of maximum wind gusts are 20° and 30°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UDYZ      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

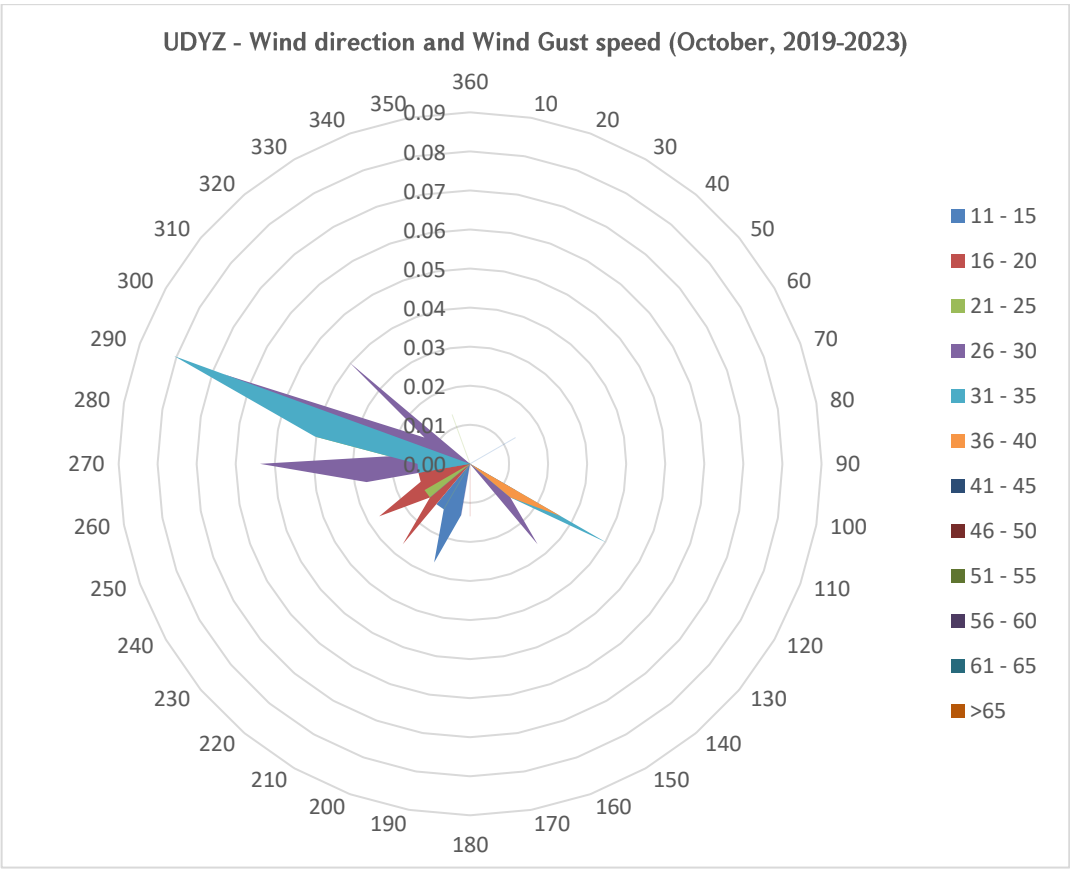
LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.01	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.08
130	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05
140	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
190	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
200	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
210	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
230	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
240	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
250	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.01	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
270	0.00	0.01	0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
280	0.00	0.00	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
290	0.00	0.00	0.01	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
300	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
310	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.09	0.12	0.16	0.28	0.22	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.91

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.28%).

The directions of maximum wind gusts are 270° and 290°.





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

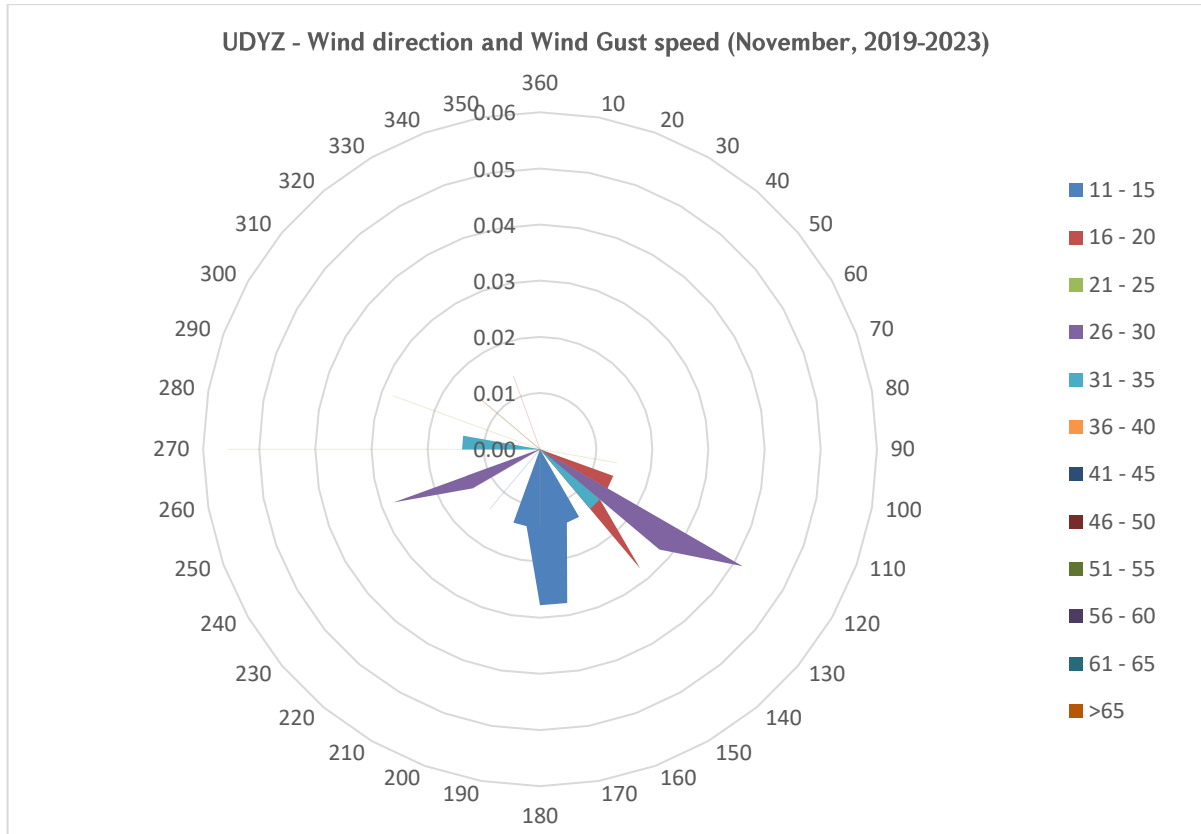
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
120	0.00	0.01	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
130	0.01	0.01	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
140	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
150	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
180	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
190	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
250	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.01	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
280	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
290	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.14	0.13	0.15	0.11	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.60

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.01%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.15%).

The directions of maximum wind gusts are  $120^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

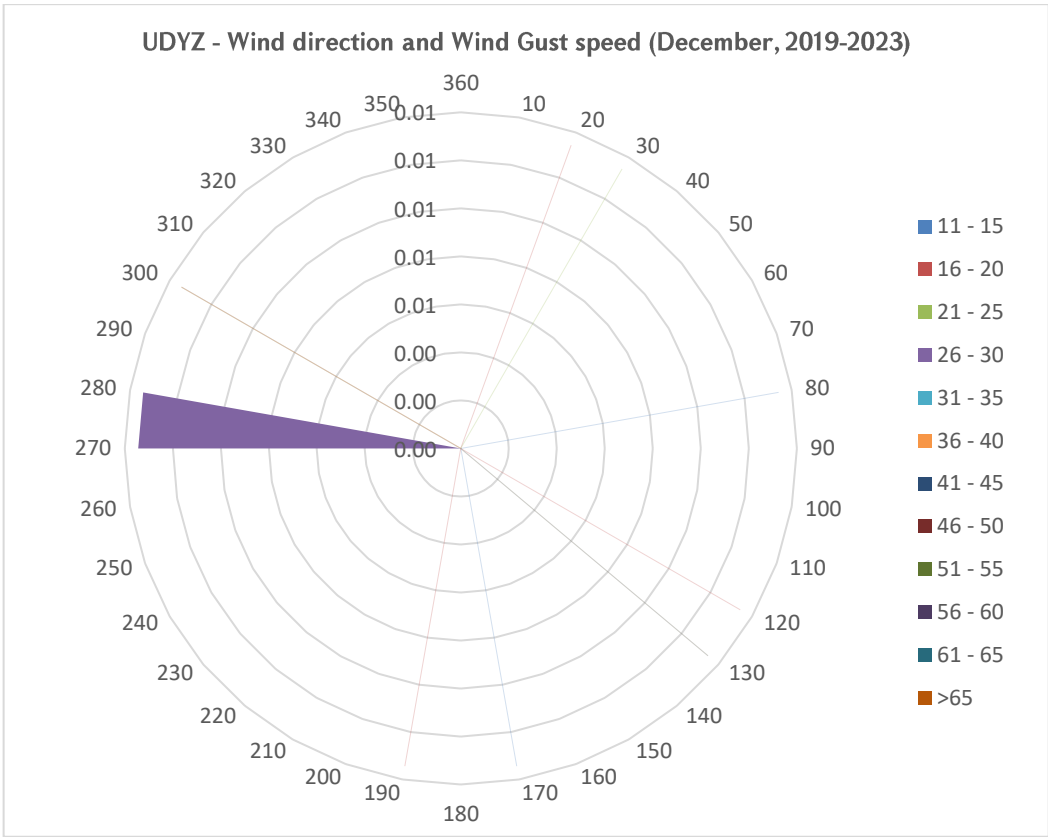
LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
30	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
280	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.03	0.04	0.04	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.17

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.05%).

The directions of maximum wind gusts are 270° and 280°.



## 4.5 Wind Gust Speed and Direction per Season

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDYZ SEASRON: WINTER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21648

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.01	0.04	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
10	0.00	0.01	0.06	0.09	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.22
20	0.00	0.02	0.16	0.38	0.26	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.87
30	0.00	0.01	0.16	0.25	0.10	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.56
40	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
120	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
130	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
140	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
230	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
240	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
270	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
280	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      SEASON: SPRING

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

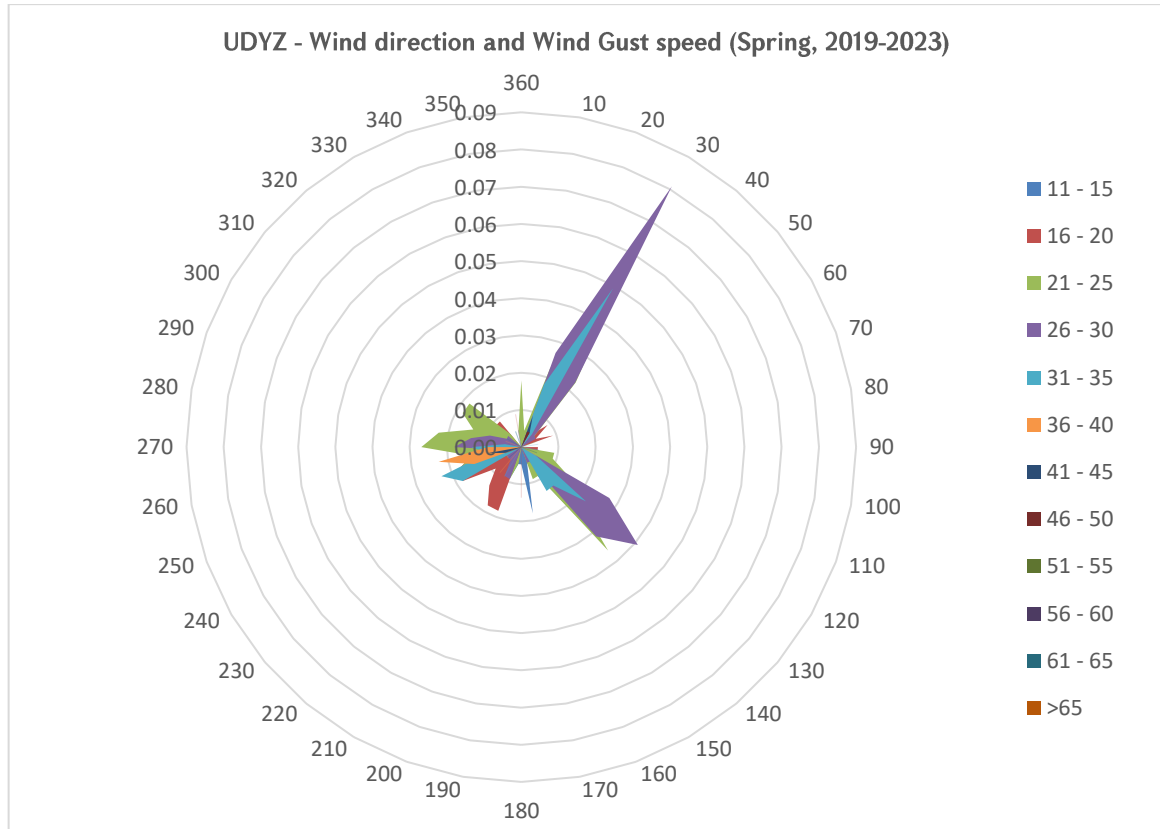
ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.02	0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08
30	0.00	0.00	0.06	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
40	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
110	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
120	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
130	0.00	0.00	0.02	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
140	0.03	0.01	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
150	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
160	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
170	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
180	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
210	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
220	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
230	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
250	0.00	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.10
260	0.00	0.01	0.01	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.07
270	0.00	0.00	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07
280	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
300	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
350	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
TOTAL	0.13	0.24	0.40	0.36	0.22	0.07	0.05	0.01	0.00	0.00	0.00	0.00	1.49

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.06%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.40%).

The directions of maximum wind gusts are  $30^{\circ}$  and  $140^{\circ}$ .





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      SEASON: SUMMER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

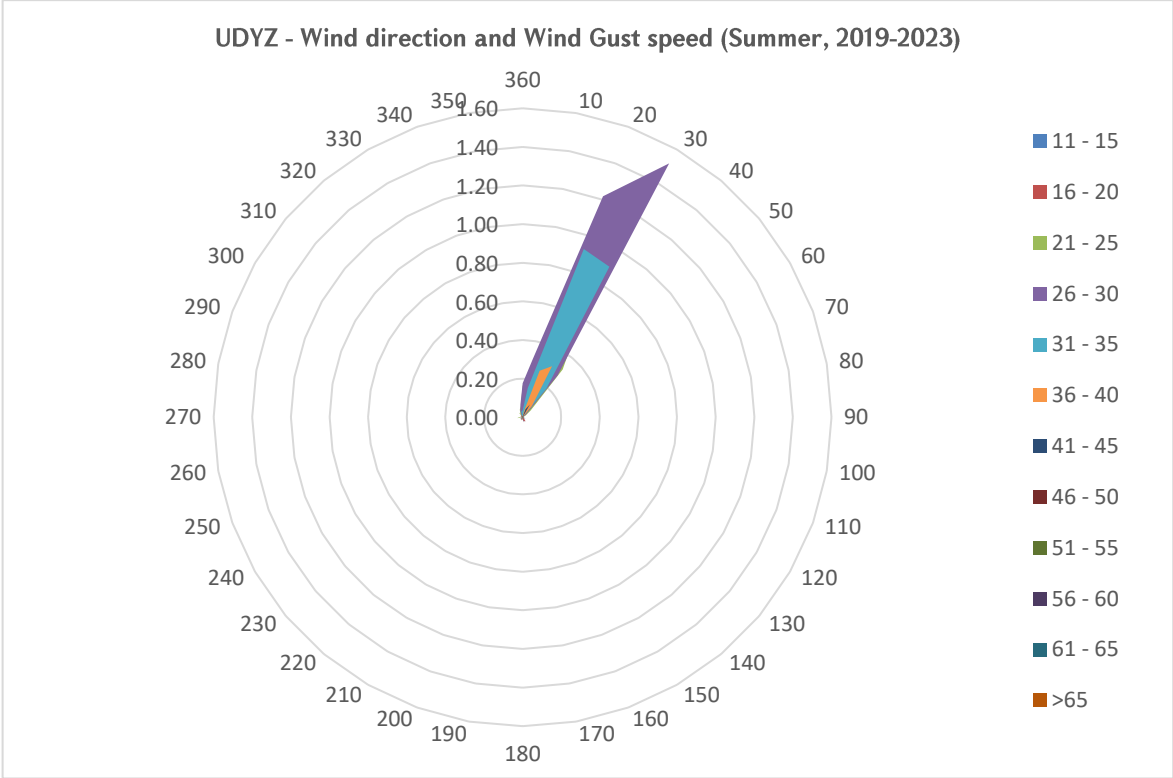
**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.03	0.16	0.18	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41
10	0.00	0.04	0.24	0.30	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.77
20	0.00	0.06	0.55	1.22	0.93	0.26	0.04	0.00	0.00	0.00	0.00	0.00	3.05
30	0.00	0.08	0.62	1.52	0.90	0.31	0.08	0.00	0.00	0.00	0.00	0.00	3.50
40	0.00	0.05	0.32	0.28	0.19	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.92
50	0.00	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
60	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
70	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
110	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
120	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
130	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
140	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
160	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
170	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
180	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
190	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
200	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
210	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
220	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
230	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
250	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
260	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
270	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
280	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
320	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
330	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
340	0.00	0.03	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
350	0.00	0.01	0.06	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.19
TOTAL	0.19	0.59	2.26	3.69	2.29	0.70	0.13	0.01	0.00	0.00	0.00	0.00	9.87

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.14%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 3.69%).

The directions of maximum wind gusts are  $20^{\circ}$  and  $30^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDYZ      SEASON: AUTUMN

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21840

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

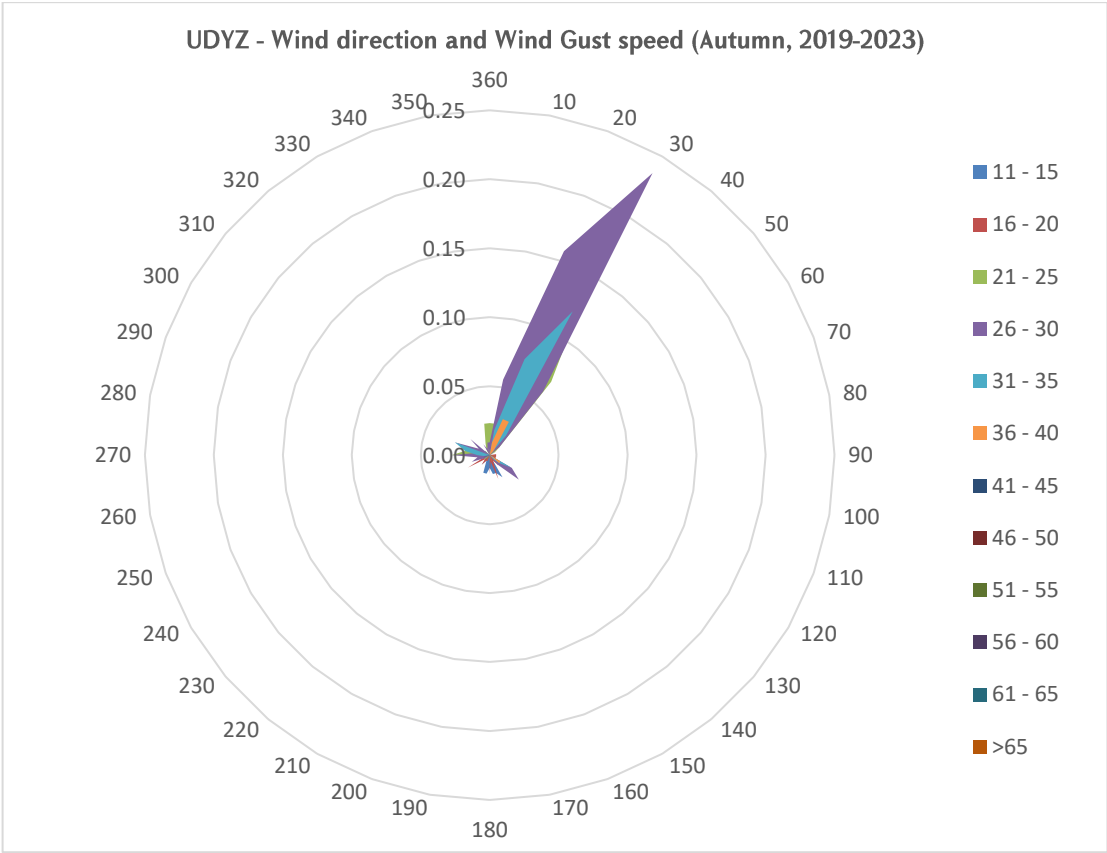
LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10	0.00	0.00	0.02	0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.11
20	0.00	0.00	0.07	0.16	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.33
30	0.00	0.00	0.14	0.24	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.53
40	0.00	0.00	0.07	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
50	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
130	0.01	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07
140	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
150	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
160	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
170	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
180	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
190	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
200	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
250	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
260	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
270	0.00	0.02	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
280	0.00	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
290	0.00	0.00	0.01	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
300	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
310	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
340	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
350	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
TOTAL	0.13	0.18	0.50	0.73	0.34	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.97

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.73%).

The directions of maximum wind gusts are 20° and 30°.



## 4.6 Temperature

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL E

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

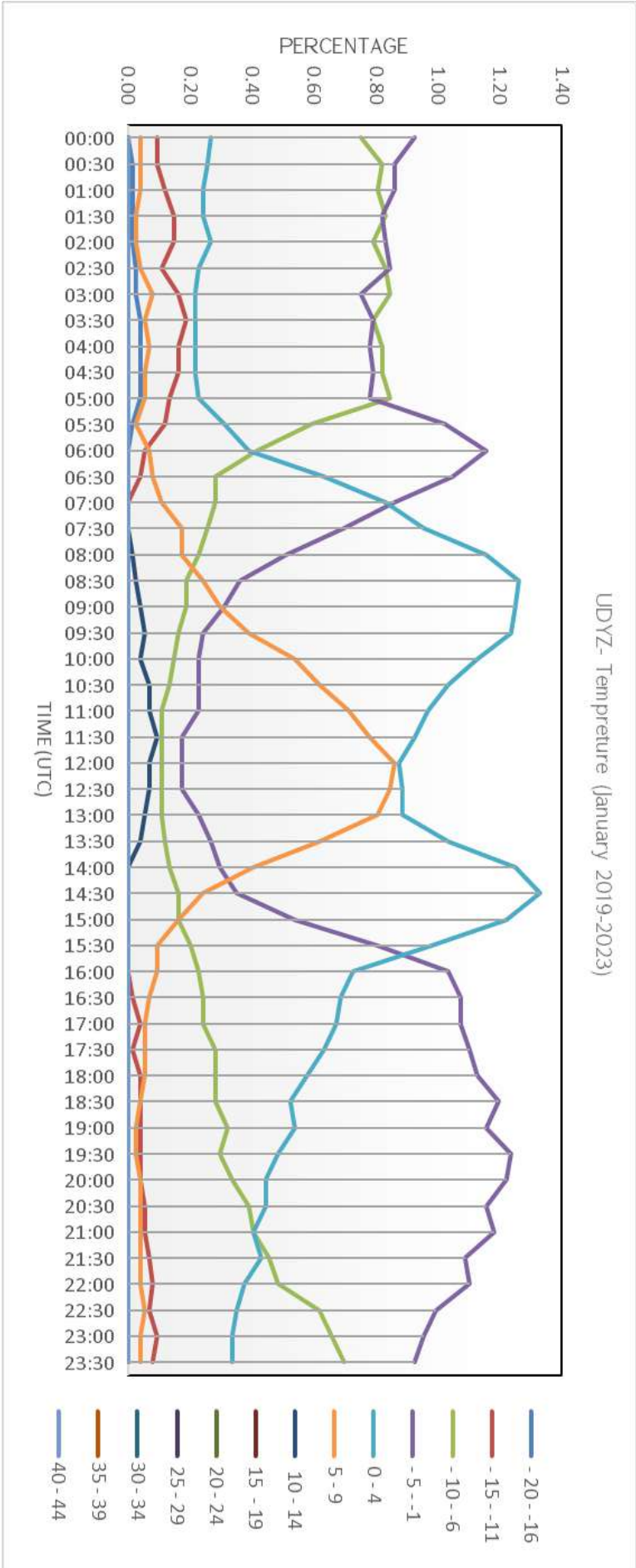
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.09	0.75	0.93	0.27	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.01	0.09	0.82	0.86	0.26	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.01	0.12	0.81	0.86	0.24	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.01	0.15	0.83	0.82	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.01	0.15	0.79	0.83	0.27	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.03	0.11	0.83	0.85	0.23	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.03	0.16	0.85	0.75	0.22	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.04	0.19	0.79	0.79	0.22	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.04	0.16	0.82	0.78	0.22	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.04	0.16	0.82	0.79	0.22	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.04	0.13	0.85	0.78	0.23	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.01	0.12	0.59	1.02	0.31	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.05	0.42	1.16	0.39	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.04	0.28	1.05	0.63	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.28	0.86	0.83	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.26	0.70	0.95	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.23	0.51	1.16	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.19	0.36	1.26	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.19	0.31	1.25	0.30	0.04	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.16	0.24	1.24	0.39	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.15	0.23	1.13	0.54	0.04	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.13	0.23	1.03	0.62	0.07	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.11	0.23	0.97	0.71	0.07	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.11	0.17	0.93	0.78	0.09	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.11	0.17	0.87	0.86	0.07	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.11	0.17	0.89	0.85	0.07	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.11	0.23	0.89	0.81	0.05	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.12	0.27	1.03	0.62	0.04	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.13	0.30	1.25	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.16	0.35	1.33	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.16	0.54	1.22	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.20	0.81	0.98	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00

16:00	0.00	0.00	0.23	1.03	0.73	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.01	0.24	1.08	0.69	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.04	0.24	1.08	0.67	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.01	0.28	1.10	0.63	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.04	0.28	1.13	0.58	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.04	0.28	1.20	0.52	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.04	0.32	1.16	0.54	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.04	0.30	1.24	0.48	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.04	0.34	1.22	0.44	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.05	0.39	1.16	0.44	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.05	0.40	1.18	0.40	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.07	0.46	1.09	0.43	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.08	0.48	1.10	0.38	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.07	0.62	0.99	0.35	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.09	0.66	0.95	0.34	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.08	0.70	0.93	0.34	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.28	2.50	19.38	36.59	31.10	9.52	0.63	0.00	0.00	0.00	0.00	0.00	0.00

Min temperature from -20° to -16° (Time 03:30 UTC) – 0.04%

Max temperature from 10° to 14° (Time 11:30 UTC) – 0.09%

Mean dominating temperature from -5° to -1° – 36.59%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.03	0.13	0.93	0.83	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.01	0.21	0.87	0.86	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.03	0.16	0.93	0.81	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.03	0.22	0.92	0.77	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.03	0.19	0.95	0.77	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.03	0.22	0.98	0.77	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.03	0.27	0.90	0.78	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.04	0.34	0.87	0.74	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.03	0.34	0.89	0.72	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.04	0.30	0.87	0.75	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.19	0.93	0.75	0.15	0.04	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.12	0.68	1.02	0.22	0.04	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.06	0.50	1.15	0.33	0.04	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.06	0.31	1.18	0.46	0.07	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.03	0.27	1.05	0.59	0.15	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.01	0.21	1.03	0.64	0.18	0.01	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.01	0.15	0.93	0.74	0.22	0.03	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.10	0.77	0.84	0.34	0.03	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.09	0.68	0.89	0.43	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.06	0.64	0.92	0.44	0.03	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.06	0.59	0.86	0.49	0.09	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.06	0.55	0.89	0.44	0.15	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.06	0.46	0.90	0.50	0.16	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.06	0.46	0.92	0.49	0.16	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.04	0.40	0.89	0.58	0.18	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.03	0.41	0.92	0.55	0.18	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.03	0.43	0.93	0.52	0.18	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.04	0.52	0.86	0.56	0.10	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.07	0.53	0.84	0.55	0.09	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.07	0.64	0.87	0.49	0.01	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.15	0.69	0.90	0.34	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.16	0.90	0.80	0.22	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.22	1.00	0.71	0.15	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.27	1.11	0.64	0.07	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.01	0.27	1.18	0.56	0.06	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.01	0.33	1.18	0.47	0.09	0.00	0.00	0.00	0.00	0.00	0.00

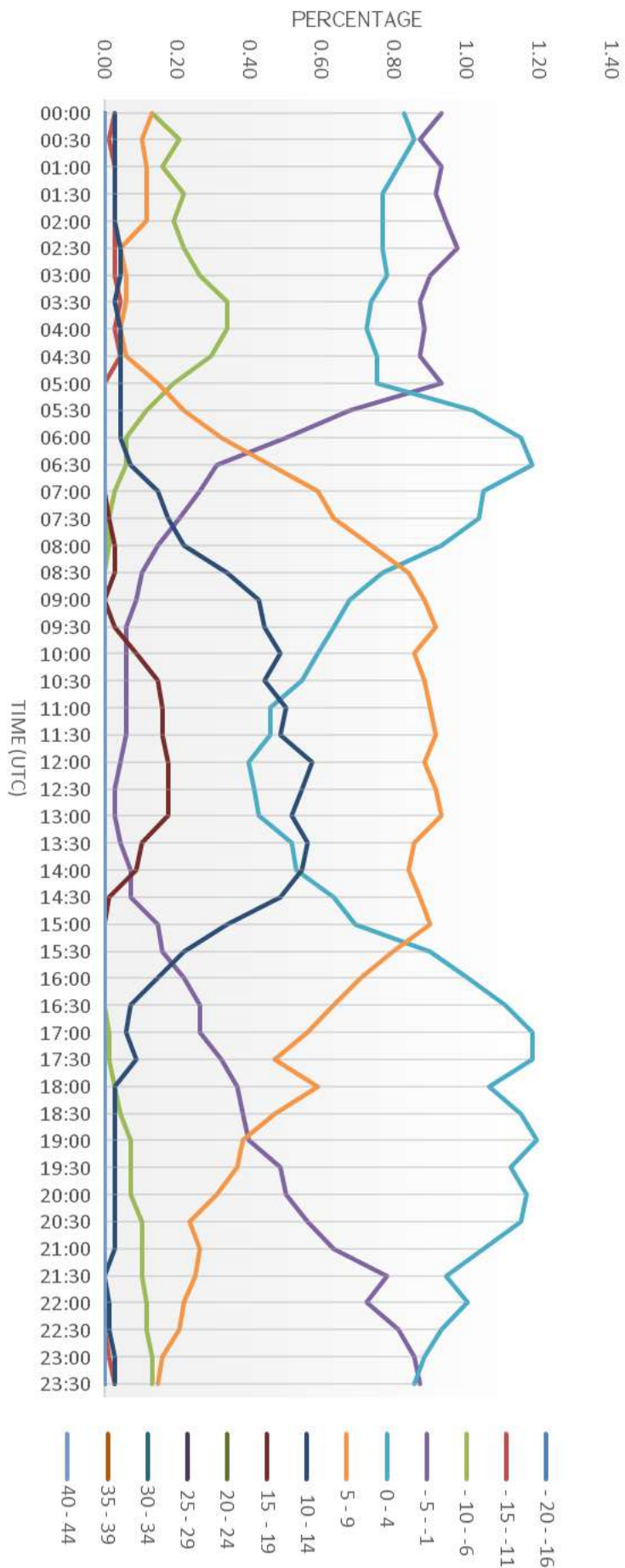


18:00	0.00	0.00	0.03	0.37	1.06	0.59	0.03	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.04	0.38	1.15	0.47	0.03	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.07	0.40	1.20	0.38	0.03	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.07	0.49	1.12	0.37	0.03	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.07	0.50	1.17	0.31	0.03	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.10	0.56	1.15	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.10	0.64	1.05	0.27	0.03	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.10	0.78	0.95	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.12	0.72	1.00	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.12	0.81	0.93	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.01	0.13	0.86	0.89	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.03	0.13	0.87	0.86	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.35	4.00	21.71	40.59	23.18	8.70	1.40	0.00	0.00	0.00	0.00	0.00

Min temperature from -15° to -11° (Time 03:30 UTC) – 0.04%

Max temperature from 15° to 19° (Time 12:00 UTC) – 0.18%

Mean dominating temperature from 0° to 4° – 40.59%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT      MSL

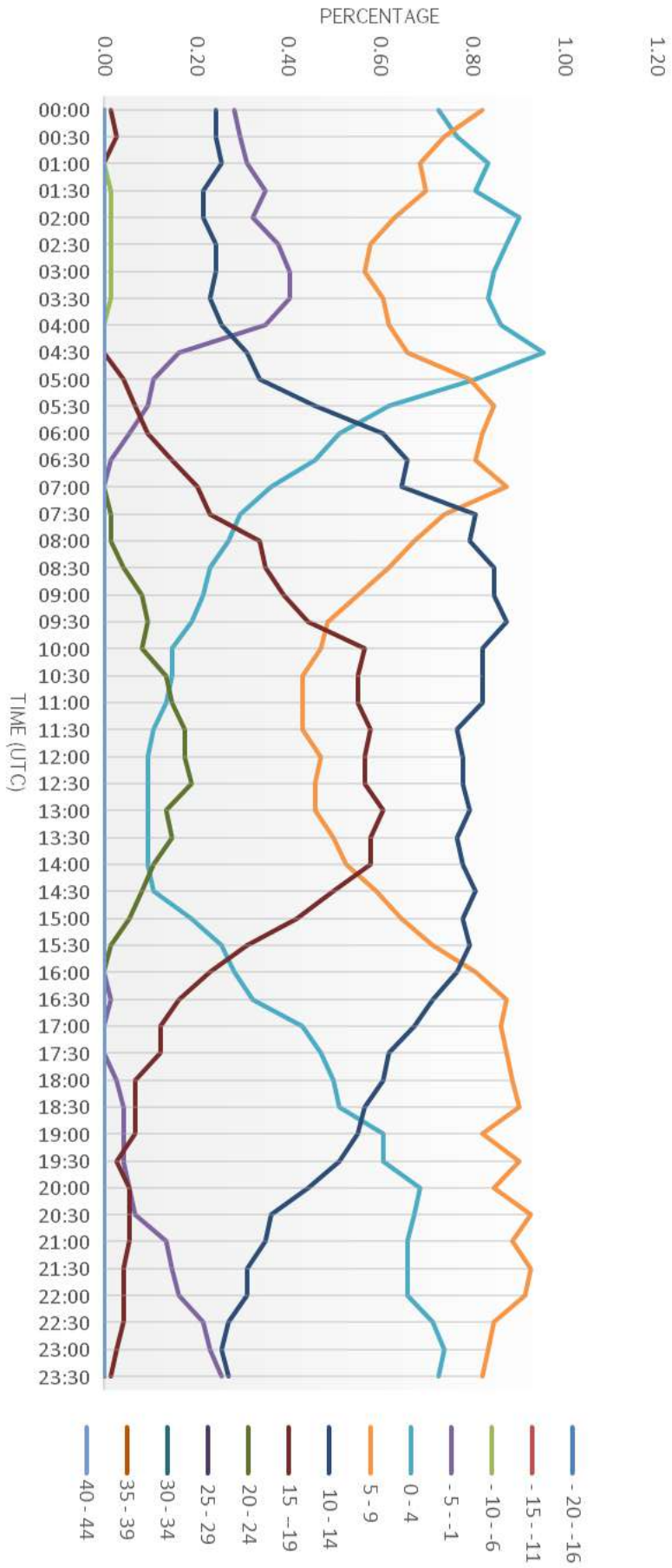
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.28	0.73	0.82	0.24	0.01	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.30	0.77	0.74	0.24	0.03	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.31	0.83	0.69	0.26	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.01	0.35	0.81	0.70	0.22	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.01	0.32	0.90	0.63	0.22	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.01	0.38	0.87	0.58	0.24	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.01	0.40	0.85	0.56	0.24	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.01	0.40	0.83	0.60	0.23	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.35	0.86	0.62	0.26	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.16	0.95	0.66	0.31	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.11	0.81	0.79	0.34	0.04	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.09	0.62	0.85	0.46	0.07	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.05	0.51	0.82	0.60	0.09	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.01	0.46	0.81	0.66	0.15	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.36	0.87	0.65	0.20	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.30	0.74	0.81	0.23	0.01	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.27	0.67	0.79	0.34	0.01	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.23	0.62	0.85	0.35	0.04	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.22	0.55	0.85	0.39	0.08	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.19	0.48	0.87	0.44	0.09	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.15	0.47	0.82	0.56	0.08	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.15	0.43	0.82	0.55	0.13	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.13	0.43	0.82	0.55	0.15	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.11	0.43	0.77	0.58	0.17	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.09	0.47	0.78	0.56	0.17	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.09	0.46	0.78	0.56	0.19	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.09	0.46	0.79	0.60	0.13	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.09	0.50	0.77	0.58	0.15	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.09	0.52	0.78	0.58	0.11	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.11	0.59	0.81	0.50	0.08	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.19	0.65	0.78	0.42	0.05	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.26	0.71	0.79	0.31	0.01	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.28	0.81	0.77	0.23	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.01	0.32	0.87	0.71	0.16	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.43	0.86	0.67	0.12	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.47	0.87	0.62	0.12	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.03	0.50	0.89	0.60	0.07	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.04	0.51	0.90	0.56	0.07	0.00	0.00	0.00	0.00	0.00

19:00	0.00	0.00	0.00	0.04	0.60	0.82	0.55	0.07	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.04	0.60	0.90	0.51	0.03	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.05	0.69	0.85	0.44	0.05	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.07	0.67	0.93	0.36	0.05	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.13	0.66	0.89	0.35	0.05	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.15	0.66	0.93	0.31	0.04	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.16	0.66	0.91	0.31	0.04	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.22	0.71	0.85	0.27	0.04	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.23	0.74	0.83	0.26	0.03	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.26	0.73	0.82	0.27	0.01	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.07	4.95	23.15	33.84	26.38	9.88	1.68	0.00	0.00	0.00	0.00

Min temperature from -10° to -6° (Time 03:30 UTC) – 0.01%

Max temperature from 20° to 24° (Time 12:30 UTC) – 0.19%

Mean dominating temperature from 5° to 9° – 33.84%



UDYZ - Temperature (March 2019-2023)



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL E**

AERODROME: UDYZ      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS : 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

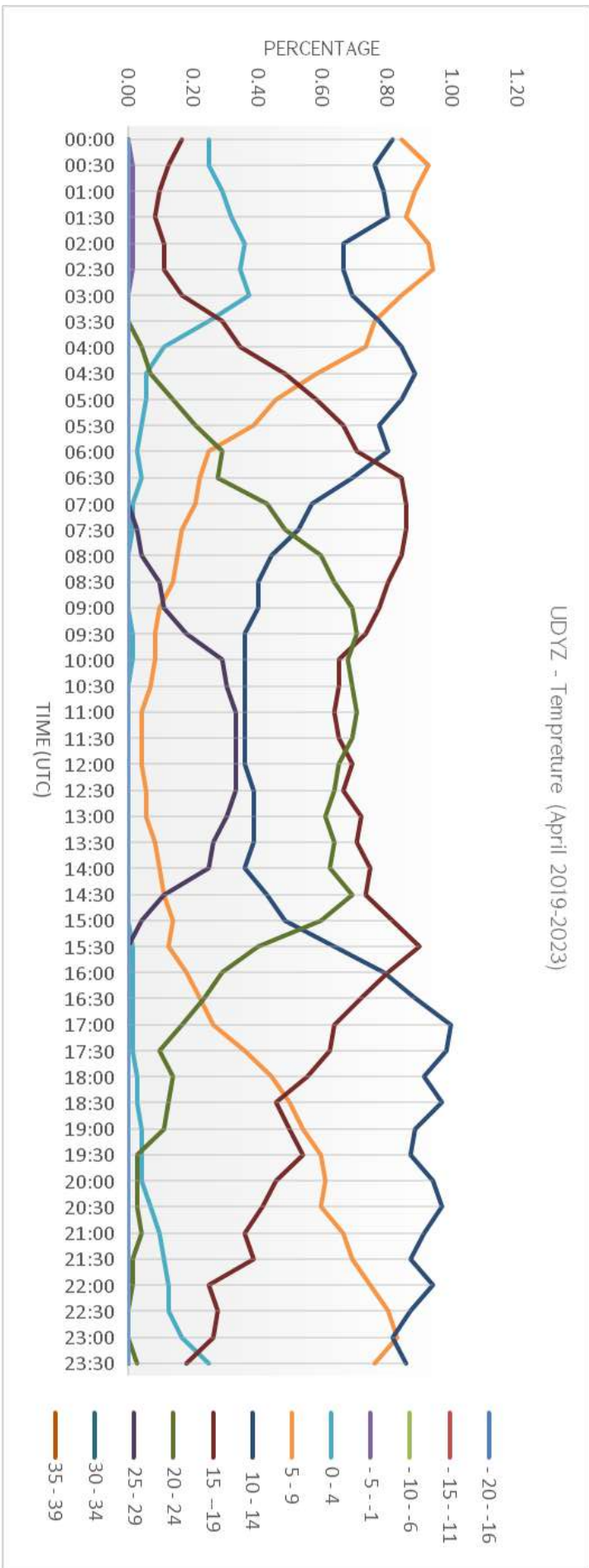
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	- 20 - -16	- 15 - -11	- 10 - -6	- 5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.00	0.25	0.85	0.82	0.17	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.01	0.25	0.93	0.76	0.13	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.01	0.29	0.89	0.79	0.10	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.01	0.32	0.86	0.81	0.08	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.01	0.36	0.93	0.67	0.11	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.01	0.35	0.94	0.67	0.11	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.38	0.85	0.69	0.17	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.25	0.76	0.78	0.29	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.11	0.74	0.85	0.35	0.04	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.06	0.58	0.89	0.49	0.07	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.06	0.46	0.85	0.58	0.14	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.04	0.39	0.78	0.67	0.21	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.03	0.25	0.81	0.71	0.29	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.04	0.22	0.69	0.85	0.28	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.01	0.21	0.57	0.86	0.43	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.01	0.17	0.53	0.86	0.49	0.03	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.15	0.44	0.85	0.60	0.04	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.14	0.40	0.81	0.64	0.10	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.10	0.40	0.78	0.69	0.11	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.01	0.08	0.36	0.74	0.71	0.18	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.01	0.08	0.36	0.65	0.68	0.29	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.07	0.36	0.65	0.69	0.31	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.04	0.36	0.64	0.71	0.33	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.04	0.36	0.65	0.69	0.33	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.04	0.36	0.69	0.65	0.33	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.06	0.39	0.67	0.64	0.33	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.06	0.39	0.72	0.61	0.31	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.08	0.39	0.71	0.64	0.26	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.10	0.36	0.75	0.63	0.25	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.11	0.43	0.74	0.69	0.11	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.14	0.49	0.82	0.60	0.04	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.01	0.13	0.64	0.90	0.40	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.01	0.18	0.79	0.81	0.29	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.01	0.22	0.89	0.72	0.24	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.01	0.26	1.00	0.64	0.17	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.01	0.36	0.99	0.63	0.10	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.03	0.44	0.92	0.56	0.14	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.03	0.50	0.97	0.46	0.13	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.04	0.54	0.89	0.50	0.11	0.00	0.00	0.00	0.00

19:30	0.00	0.00	0.00	0.00	0.04	0.60	0.88	0.54	0.03	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.04	0.61	0.94	0.46	0.03	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.07	0.60	0.97	0.42	0.03	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.10	0.67	0.92	0.36	0.04	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.11	0.69	0.88	0.39	0.01	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.13	0.75	0.94	0.25	0.01	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.13	0.81	0.88	0.28	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.17	0.83	0.82	0.26	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.25	0.76	0.86	0.18	0.03	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.07	4.03	20.28	32.97	25.72	13.57	3.36	0.00	0.00	0.00

Min temperature from -5° to -1° (Time 02:30 UTC) – 0.01%

Max temperature from 25° to 29° (Time 12:00 UTC) – 0.33%

Mean dominating temperature from 10° to 14° – 32.97%





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL E

#### TABULAR FORM

AERODROME: UYDZ      MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

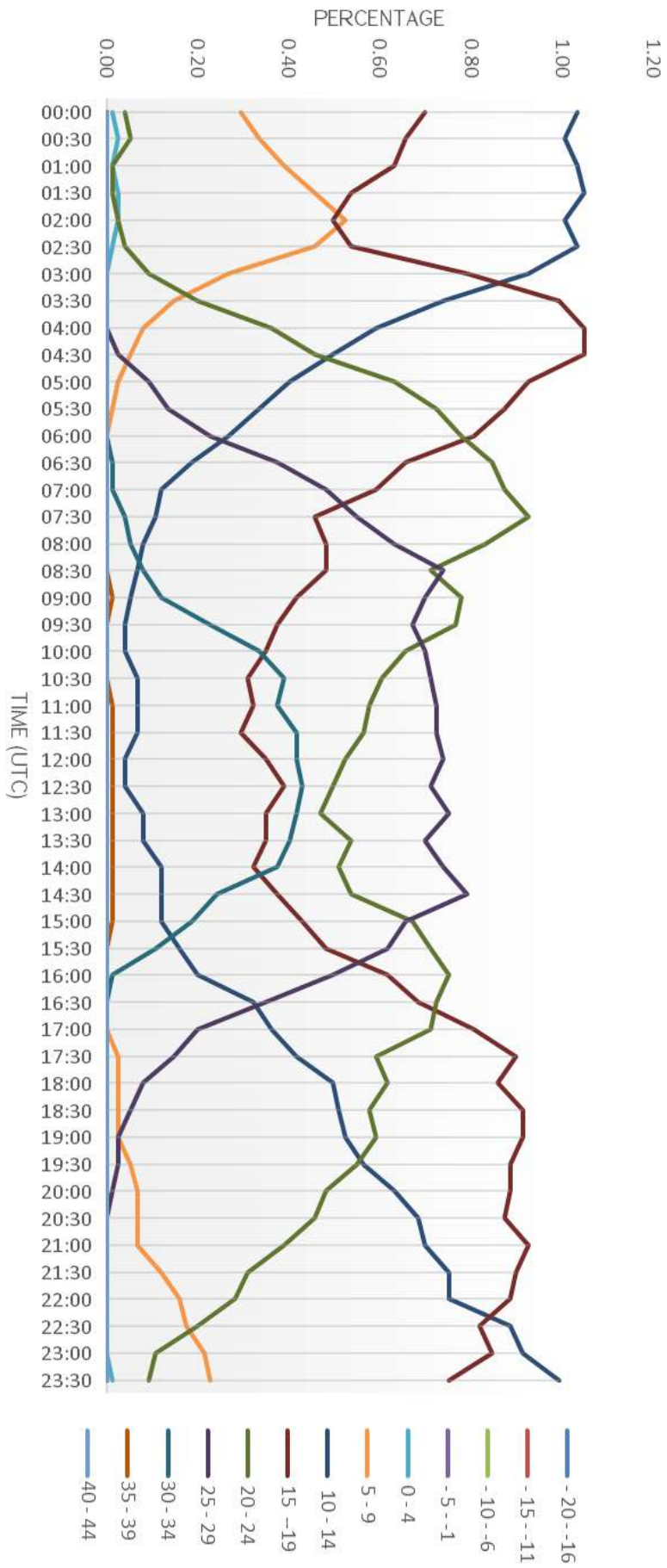
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.00	0.01	0.30	1.03	0.70	0.04	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.03	0.34	1.01	0.66	0.05	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.01	0.39	1.03	0.63	0.01	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.03	0.46	1.05	0.54	0.01	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.03	0.52	1.01	0.50	0.03	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.01	0.46	1.03	0.54	0.04	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.27	0.93	0.79	0.09	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.15	0.74	0.99	0.20	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.08	0.59	1.05	0.36	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.05	0.50	1.05	0.46	0.03	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.03	0.40	0.93	0.63	0.09	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.01	0.34	0.87	0.73	0.13	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.81	0.78	0.23	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.66	0.85	0.38	0.01	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.59	0.87	0.48	0.01	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.46	0.93	0.55	0.04	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.48	0.83	0.63	0.05	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.48	0.71	0.74	0.08	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.42	0.78	0.70	0.12	0.01	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.38	0.77	0.67	0.23	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.35	0.66	0.70	0.34	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.31	0.60	0.71	0.39	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.32	0.58	0.73	0.38	0.01	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.30	0.56	0.73	0.42	0.01	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.35	0.52	0.74	0.42	0.01	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.39	0.50	0.71	0.43	0.01	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.35	0.47	0.75	0.42	0.01	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.35	0.54	0.70	0.40	0.01	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.32	0.51	0.74	0.38	0.01	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.38	0.54	0.79	0.24	0.01	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.43	0.67	0.66	0.19	0.01	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.48	0.71	0.62	0.11	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.62	0.75	0.50	0.01	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.69	0.73	0.35	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.81	0.71	0.20	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.03	0.42	0.90	0.59	0.15	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.03	0.50	0.86	0.62	0.08	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.03	0.51	0.91	0.58	0.05	0.00	0.00	0.00

19:00	0.00	0.00	0.00	0.00	0.00	0.03	0.52	0.91	0.59	0.03	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.05	0.56	0.89	0.55	0.03	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.07	0.63	0.89	0.48	0.01	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.07	0.69	0.87	0.46	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.07	0.70	0.93	0.39	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.12	0.75	0.90	0.31	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.16	0.75	0.89	0.28	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.17	0.89	0.82	0.20	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.22	0.91	0.85	0.11	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.01	0.23	0.99	0.75	0.09	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.13	4.31	21.32	31.33	23.49	14.61	4.66	0.13	0.00

Min temperature from 0° to 4° (Time 02:30 UTC) – 0.01%

Max temperature from 35° to 39° (Time 12:30 UTC) – 0.01%

Mean dominating temperature from 15° to 19° – 31.33%



JDYZ - Temperature (May 2019-2023)

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N      LONGITUDE:044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

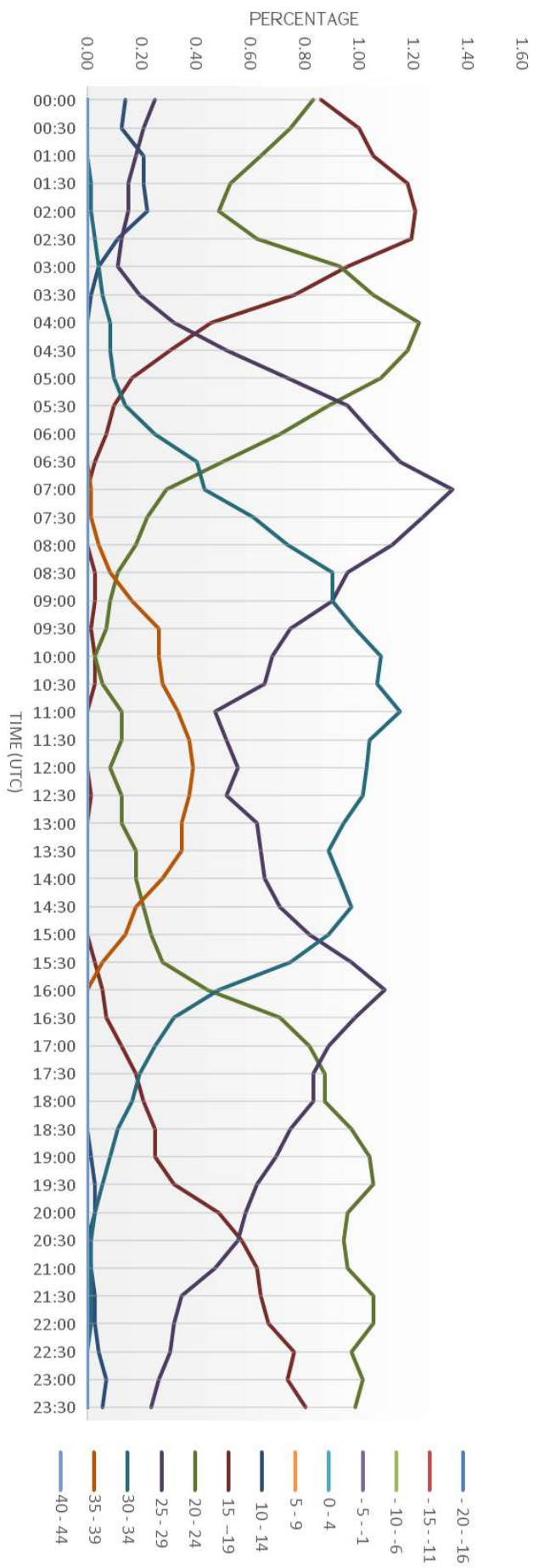
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.86	0.83	0.25	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.00	0.75	0.21	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.06	0.64	0.18	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.18	0.53	0.15	0.01	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.21	0.49	0.15	0.01	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.19	0.63	0.13	0.03	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.96	0.93	0.11	0.04	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.76	1.06	0.19	0.06	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	1.22	0.32	0.08	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	1.18	0.51	0.08	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.08	0.74	0.10	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.89	0.96	0.14	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.71	1.06	0.25	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.50	1.15	0.40	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	1.35	0.43	0.01	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.24	0.61	0.01	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.13	0.74	0.04	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11	0.96	0.90	0.08	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.90	0.90	0.17	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.75	0.99	0.26	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.68	1.08	0.26	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.65	1.07	0.28	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.47	1.15	0.33	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.51	1.04	0.38	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.56	1.03	0.39	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.51	1.01	0.38	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.63	0.94	0.35	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.64	0.89	0.35	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.65	0.93	0.28	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.71	0.97	0.18	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.82	0.89	0.14	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.28	0.97	0.75	0.06	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.44	1.10	0.49	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.71	0.99	0.32	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.82	0.89	0.25	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.88	0.83	0.19	0.00	0.00

18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.88	0.83	0.17	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.97	0.75	0.11	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.25	1.04	0.69	0.08	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.32	1.06	0.63	0.06	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.49	0.96	0.58	0.03	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.94	0.56	0.01	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.63	0.96	0.47	0.01	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.64	1.06	0.35	0.01	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.67	1.06	0.32	0.01	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.76	0.97	0.31	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.74	1.01	0.26	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.81	0.99	0.24	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	1.38	16.26	28.88	30.03	19.29	3.94	0.00

Min temperature from 10° to 14° (Time 3:30 UTC) – 0.01%

Max temperature from 35° to 39° (Time 12:00 UTC) – 0.39%

Mean dominating temperature from 25° to 29° – 30.03%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL E

#### TABULAR FORM

AERODROME: UDYZ      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT    MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.46	0.98	0.62	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.48	1.03	0.51	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.54	1.05	0.44	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.58	1.05	0.39	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.71	0.95	0.32	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.73	1.03	0.27	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.43	1.33	0.31	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	1.34	0.51	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.18	0.71	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.02	0.97	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.86	1.10	0.08	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.56	1.32	0.19	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	1.37	0.32	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.29	0.55	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.13	0.78	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.87	1.12	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.78	1.16	0.09	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.62	1.25	0.17	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.44	1.33	0.28	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.32	1.29	0.44	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.23	1.26	0.56	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.23	1.12	0.71	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.16	1.10	0.79	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	1.02	0.91	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	1.05	0.85	0.03
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11	0.98	0.91	0.03
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	1.05	0.83	0.04
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.16	0.97	0.83	0.05
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.23	0.99	0.81	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.32	1.13	0.60	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.39	1.26	0.40	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.74	1.05	0.27	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.87	1.03	0.05	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	1.21	0.70	0.01	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.27	1.28	0.52	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	1.33	0.44	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	1.33	0.38	0.00	0.00

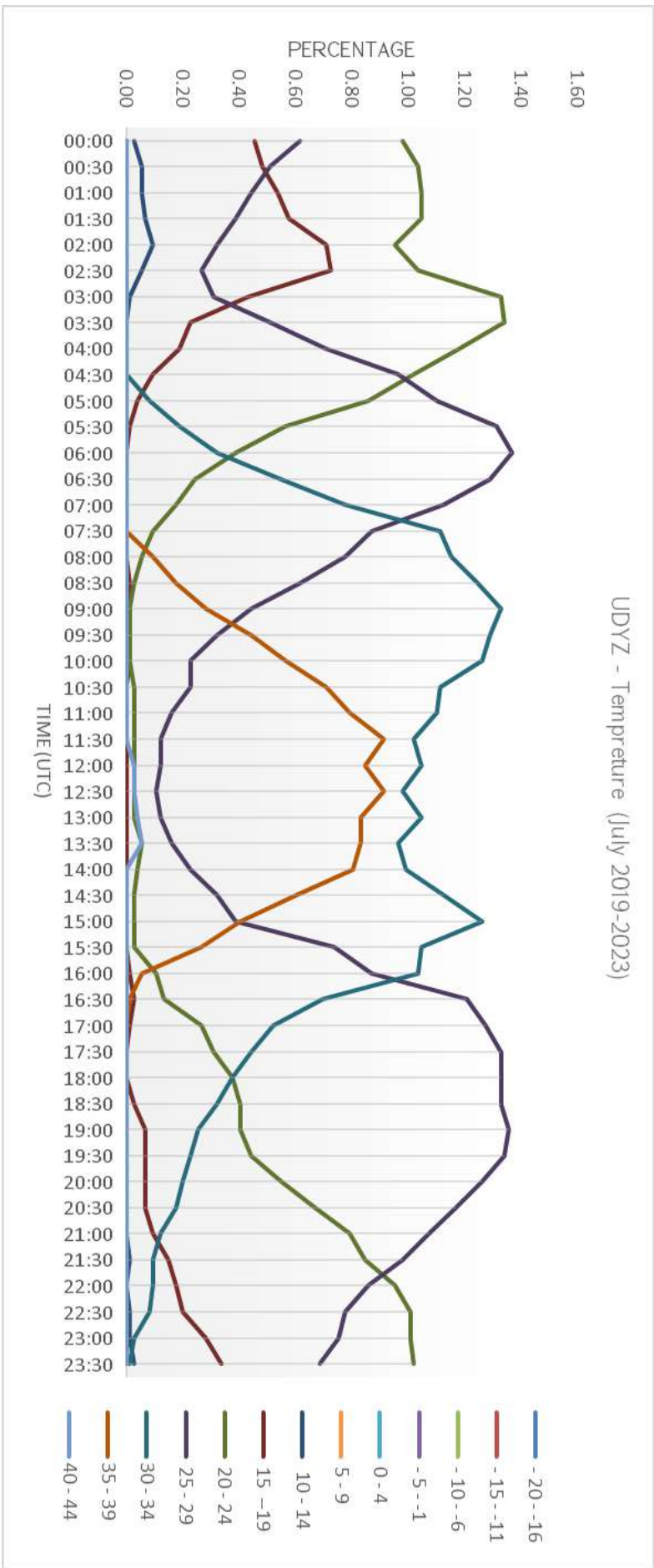
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.40	1.33	0.32	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.40	1.36	0.26	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.44	1.34	0.23	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.55	1.26	0.20	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.67	1.17	0.17	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.79	1.08	0.12	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.85	0.98	0.09	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.95	0.86	0.09	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	1.01	0.78	0.08	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.28	1.01	0.75	0.03	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.34	1.02	0.69	0.01	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.43	6.13	23.06	34.85	25.74	9.56	0.15

Min temperature from 10° to 14° (Time 03:00 UTC) – 0.01%

Max temperature from 40° to 44° (Time 13:30 UTC) – 0.05%

Mean dominating temperature from 25° to 29° – 34.85%





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

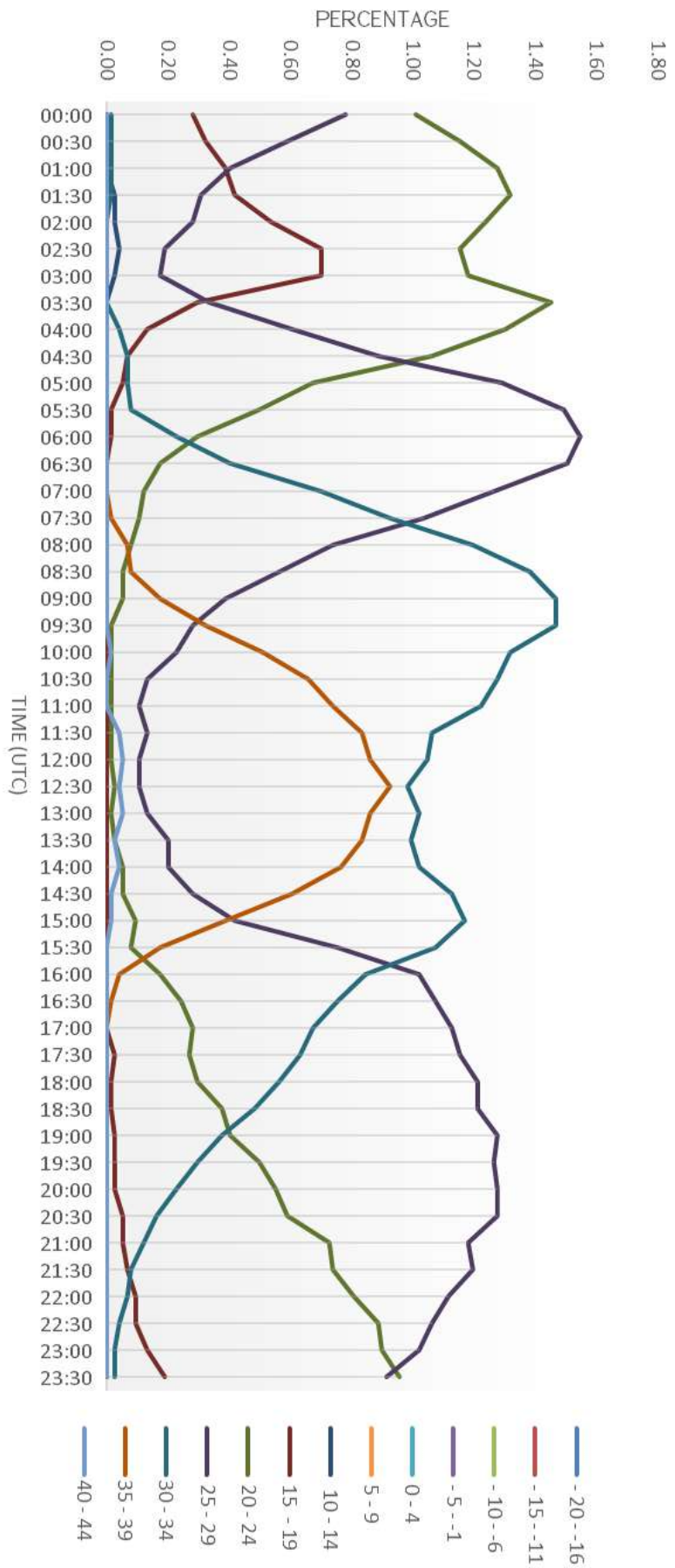
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.01	0.78	0.01	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	1.16	0.59	0.01	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	1.28	0.40	0.01	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.42	1.32	0.31	0.01	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.54	1.24	0.28	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.70	1.16	0.19	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.70	1.18	0.17	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.45	0.34	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.30	0.60	0.04	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.06	0.89	0.07	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.67	1.29	0.07	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.50	1.49	0.08	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.30	1.55	0.23	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.51	0.40	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	1.26	0.70	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.03	0.93	0.01	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.74	1.20	0.07	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.56	1.38	0.08	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.39	1.47	0.17	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.28	1.47	0.32	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.23	1.32	0.51	0.01
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	1.28	0.66	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	1.22	0.74	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	1.06	0.83	0.04
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	1.05	0.86	0.05
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11	0.98	0.93	0.04
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	1.02	0.86	0.05
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.20	0.99	0.83	0.03
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	1.02	0.77	0.04
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.28	1.13	0.60	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.42	1.17	0.39	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.75	1.08	0.17	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.02	0.85	0.04	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.08	0.75	0.01	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.13	0.67	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.27	1.16	0.63	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.30	1.21	0.56	0.00	0.00

18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.38	1.21	0.48	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.40	1.28	0.38	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.50	1.26	0.30	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.55	1.28	0.23	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.59	1.28	0.16	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.73	1.18	0.12	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.74	1.20	0.08	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.81	1.12	0.07	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.89	1.06	0.04	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.90	1.02	0.03	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.95	0.91	0.03	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.12	4.74	23.33	35.86	26.77	8.87	0.30

Min temperature from 15° to 19° (Time 03:00 UTC) – 0.03%

Max temperature from 40° to 44° (Time 13:00 UTC) – 0.05%

Mean dominating temperature from 25° to 29° – 35.86%



UDYZ - Temperature (August 2019-2023)

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

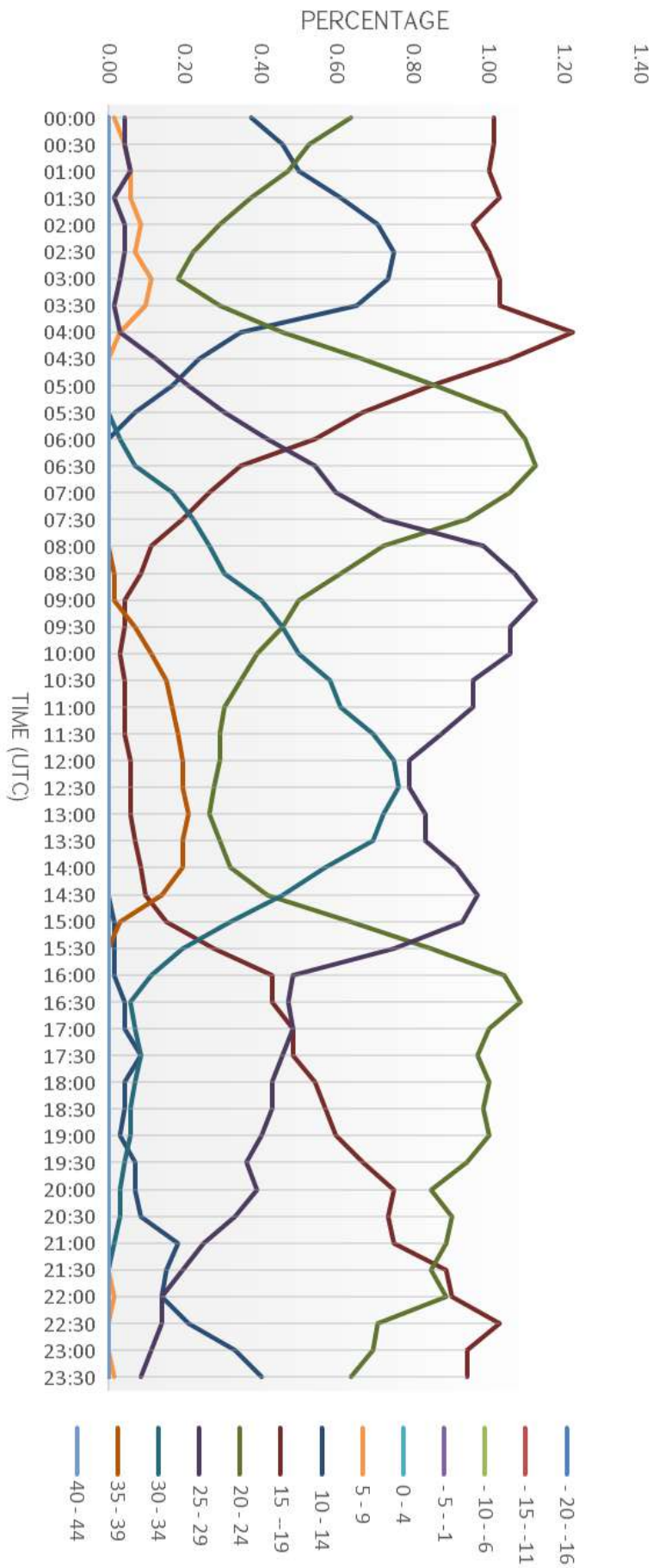
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.00	0.00	0.01	0.38	1.01	0.64	0.04	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.04	0.46	1.01	0.53	0.04	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.06	0.50	1.00	0.47	0.06	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.06	0.61	1.03	0.38	0.01	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.08	0.71	0.96	0.29	0.04	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.07	0.75	1.00	0.22	0.04	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.11	0.74	1.03	0.18	0.03	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.10	0.65	1.03	0.29	0.01	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.03	0.35	1.22	0.46	0.03	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.06	0.67	0.13	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.85	0.86	0.21	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.67	1.04	0.31	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	1.10	0.42	0.03	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	1.13	0.54	0.07	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	1.06	0.60	0.17	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.94	0.72	0.22	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.72	0.99	0.26	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.61	1.07	0.31	0.01	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.50	1.13	0.40	0.01	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.46	1.06	0.46	0.07	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.39	1.06	0.50	0.11	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.35	0.96	0.58	0.15	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.31	0.96	0.61	0.17	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.29	0.88	0.69	0.18	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.29	0.79	0.75	0.19	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.28	0.79	0.76	0.19	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.26	0.83	0.72	0.21	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.29	0.83	0.69	0.19	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.32	0.92	0.57	0.19	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.42	0.97	0.46	0.14	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.64	0.93	0.32	0.03	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.28	0.85	0.75	0.19	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.43	1.04	0.49	0.11	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.43	1.08	0.47	0.06	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.49	1.00	0.49	0.07	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.49	0.97	0.46	0.08	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.54	1.00	0.43	0.07	0.00	0.00

18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.57	0.99	0.43	0.06	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.60	1.00	0.40	0.06	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.67	0.94	0.36	0.04	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.75	0.85	0.39	0.03	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.74	0.90	0.33	0.03	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.75	0.89	0.25	0.01	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.89	0.85	0.19	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.90	0.89	0.14	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.03	0.71	0.14	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.94	0.69	0.11	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.01	0.40	0.94	0.64	0.08	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.58	7.57	25.64	31.67	23.29	9.39	1.86	0.00

Min temperature from 5<sup>o</sup> to 9<sup>o</sup> (Time 00:00 UTC) – 0.01%

Max temperature from 35<sup>o</sup> to 39<sup>o</sup> (Time 13:00 UTC) – 0.21%

Mean dominating temperature from 20<sup>o</sup> to 24<sup>o</sup> – 31.67%





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 -- -16	-15 -- -11	-10 -- -6	-5 -- -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.03	0.31	0.79	0.75	0.16	0.04	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.05	0.30	0.90	0.67	0.15	0.01	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.03	0.38	0.91	0.60	0.13	0.03	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.03	0.42	0.91	0.63	0.07	0.03	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.05	0.38	0.98	0.58	0.07	0.03	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.08	0.38	0.94	0.59	0.08	0.01	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.08	0.42	0.98	0.50	0.09	0.01	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.08	0.43	0.87	0.60	0.09	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.08	0.38	0.86	0.63	0.13	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.30	0.63	0.95	0.19	0.01	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.19	0.47	1.14	0.27	0.01	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.17	0.28	1.22	0.34	0.07	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.13	0.28	0.89	0.66	0.12	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.13	0.19	0.73	0.87	0.16	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.13	0.09	0.59	1.06	0.19	0.01	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.15	0.03	0.46	1.18	0.22	0.05	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.15	0.00	0.43	1.06	0.36	0.08	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.15	0.00	0.36	0.90	0.60	0.07	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.13	0.01	0.32	0.77	0.71	0.13	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.13	0.00	0.31	0.66	0.85	0.12	0.01	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.13	0.01	0.28	0.56	0.93	0.15	0.01	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.13	0.01	0.27	0.47	0.99	0.17	0.03	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.15	0.01	0.20	0.47	1.02	0.19	0.04	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.15	0.00	0.19	0.46	0.99	0.26	0.04	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.15	0.00	0.20	0.44	1.05	0.20	0.04	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.15	0.00	0.20	0.47	1.02	0.20	0.04	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.13	0.04	0.17	0.50	1.02	0.17	0.04	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.13	0.04	0.23	0.52	0.98	0.13	0.04	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.13	0.04	0.28	0.74	0.78	0.11	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.13	0.05	0.38	1.06	0.36	0.09	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.13	0.11	0.54	1.14	0.13	0.03	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.13	0.17	0.71	0.93	0.11	0.03	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.13	0.22	0.77	0.85	0.09	0.03	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.19	0.19	0.94	0.67	0.09	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.17	0.22	0.95	0.63	0.11	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.13	0.28	1.09	0.46	0.12	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.13	0.31	0.93	0.60	0.11	0.00	0.00	0.00	0.00

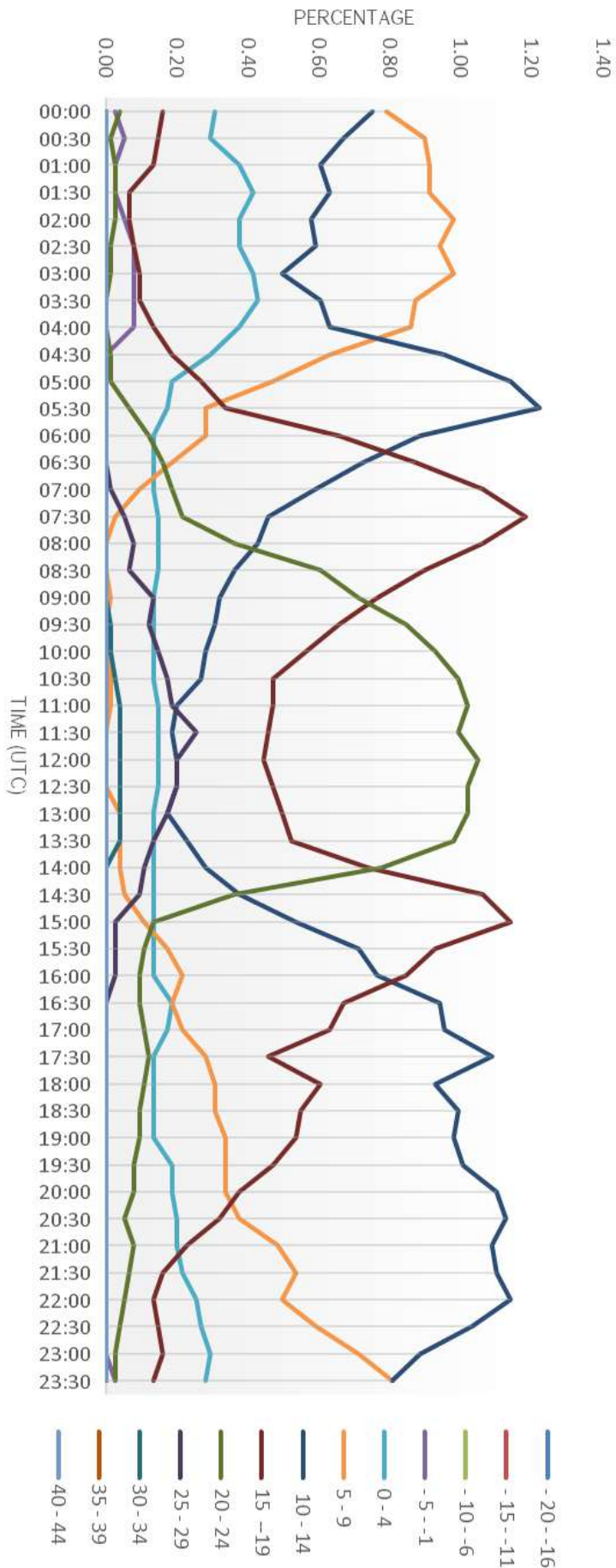


18:30	0.00	0.00	0.00	0.00	0.13	0.31	0.99	0.55	0.09	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.13	0.34	0.98	0.54	0.09	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.19	0.34	1.01	0.47	0.08	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.19	0.34	1.10	0.38	0.08	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.20	0.38	1.13	0.32	0.05	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.20	0.48	1.09	0.23	0.08	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.22	0.54	1.10	0.16	0.07	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.26	0.50	1.14	0.13	0.05	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.27	0.59	1.03	0.15	0.04	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.30	0.71	0.89	0.16	0.03	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.03	0.28	0.81	0.81	0.13	0.03	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.54	9.95	17.18	32.58	23.15	14.09	2.23	0.30	0.00	0.00

Min temperature from -5° to -1° (Time 03:00 UTC) – 0.08%

Max temperature from 30° to 34° (Time 12:30 UTC) – 0.04%

Mean dominating temperature from 10° to 14° – 32.58%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

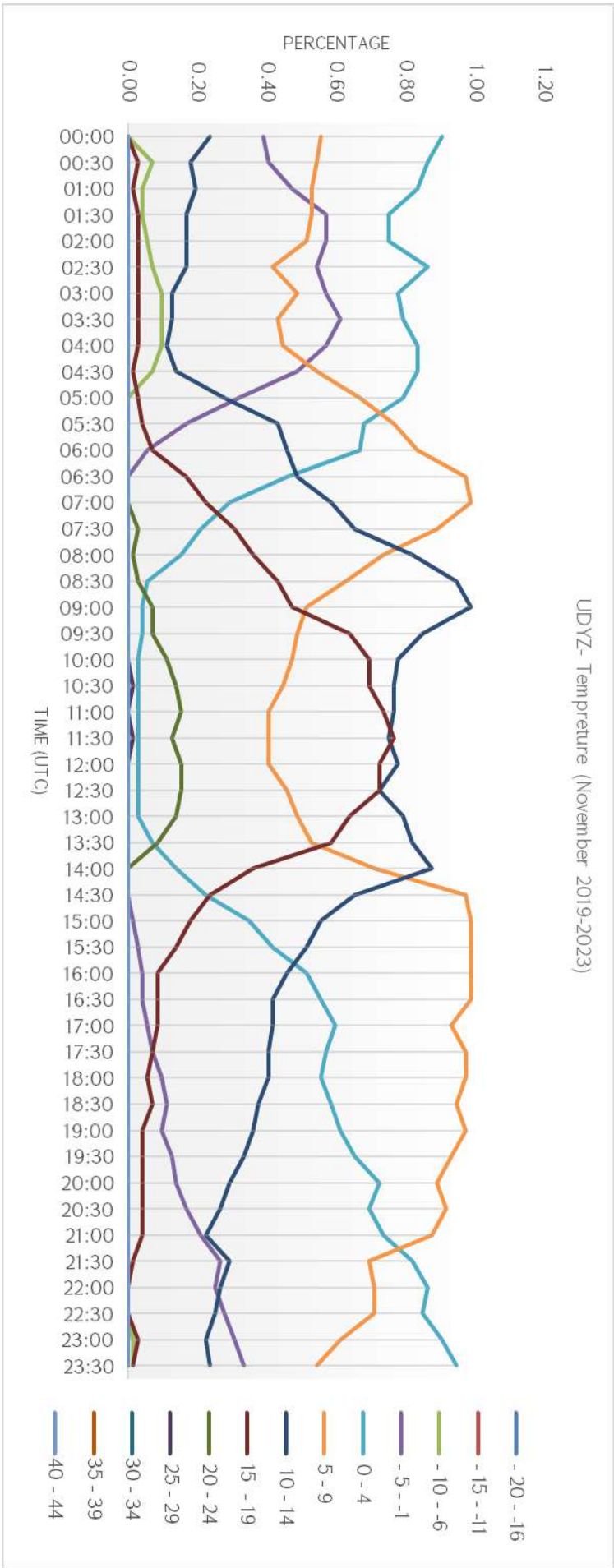
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	- 20 - -16	- 15 - -11	- 10 - -6	- 5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.39	0.90	0.56	0.24	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.07	0.40	0.86	0.54	0.18	0.03	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.04	0.47	0.83	0.53	0.19	0.01	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.04	0.57	0.75	0.53	0.17	0.03	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.06	0.57	0.75	0.51	0.17	0.03	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.07	0.54	0.86	0.42	0.17	0.03	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.10	0.57	0.78	0.49	0.13	0.03	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.10	0.61	0.79	0.43	0.13	0.03	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.10	0.57	0.83	0.44	0.11	0.03	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.07	0.49	0.83	0.54	0.14	0.01	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.32	0.79	0.67	0.28	0.03	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.17	0.68	0.76	0.43	0.04	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.06	0.67	0.83	0.46	0.07	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.46	0.97	0.49	0.17	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.29	0.99	0.58	0.22	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.21	0.89	0.65	0.31	0.03	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.15	0.74	0.82	0.36	0.01	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.06	0.63	0.94	0.43	0.03	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.04	0.51	0.99	0.47	0.07	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.04	0.49	0.85	0.64	0.07	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.03	0.47	0.78	0.69	0.11	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.03	0.44	0.76	0.69	0.14	0.01	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.03	0.40	0.76	0.74	0.15	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.03	0.40	0.75	0.76	0.13	0.01	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.03	0.40	0.78	0.72	0.15	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.03	0.46	0.72	0.72	0.15	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.03	0.49	0.79	0.64	0.14	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.07	0.53	0.82	0.58	0.08	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.14	0.71	0.88	0.36	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.22	0.97	0.65	0.24	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.01	0.35	0.99	0.56	0.18	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.03	0.42	0.99	0.51	0.14	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.04	0.51	0.99	0.46	0.08	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.04	0.56	0.99	0.42	0.08	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.06	0.60	0.93	0.42	0.08	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.07	0.57	0.97	0.40	0.07	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.10	0.56	0.97	0.40	0.06	0.00	0.00	0.00	0.00	0.00

18:30	0.00	0.00	0.00	0.11	0.58	0.94	0.38	0.07	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.10	0.61	0.97	0.36	0.04	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.13	0.65	0.93	0.33	0.04	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.14	0.72	0.89	0.29	0.04	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.17	0.69	0.92	0.26	0.04	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.21	0.74	0.88	0.22	0.04	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.26	0.82	0.69	0.29	0.01	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.25	0.86	0.71	0.26	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.28	0.85	0.71	0.25	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.01	0.31	0.90	0.61	0.22	0.03	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.01	0.33	0.94	0.54	0.24	0.01	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.67	8.35	24.14	33.35	22.07	10.14	1.26	0.03	0.00	0.00	0.00

Min temperature from -10° to -6° (Time 03:30 UTC) – 0.10%

Max temperature from 25° to 29° (Time 11:30 UTC) – 0.01%

Mean dominating temperature from 5° to 9° – 33.35%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDYZ      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 08 50 N

LONGITUDE: 044 20 18 E

ELEVATION ABOVE MSL: 2838.0 FT MSL

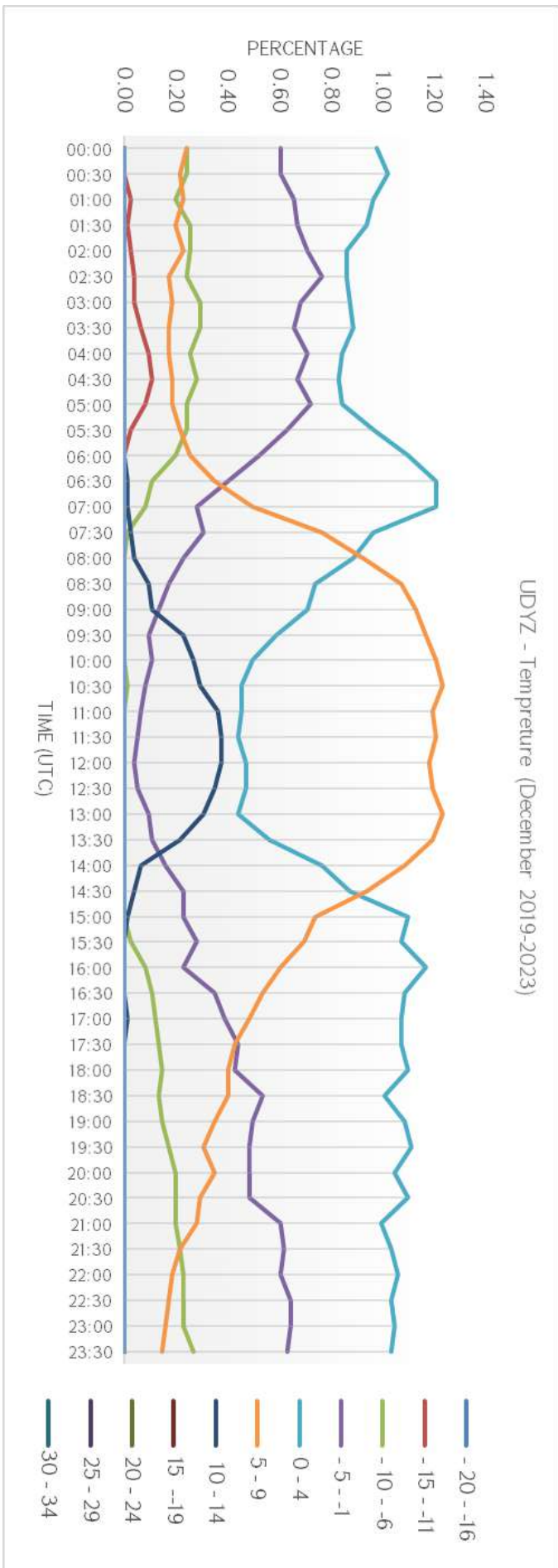
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	- 20 - -16	- 15 - -11	- 10 - -6	- 5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.24	0.60	0.98	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.24	0.60	1.02	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.03	0.20	0.66	0.97	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.01	0.26	0.67	0.94	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.03	0.26	0.71	0.86	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.04	0.24	0.77	0.86	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.04	0.30	0.69	0.87	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.07	0.30	0.66	0.89	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.09	0.26	0.71	0.85	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.11	0.28	0.67	0.83	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.08	0.24	0.73	0.85	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.03	0.24	0.63	0.97	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.20	0.52	1.10	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.11	0.40	1.21	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.08	0.28	1.21	0.50	0.01	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.01	0.31	0.97	0.77	0.03	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.23	0.89	0.93	0.04	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.17	0.74	1.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.13	0.71	1.13	0.11	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.09	0.59	1.17	0.23	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.11	0.50	1.21	0.27	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.01	0.08	0.46	1.24	0.30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.07	0.46	1.20	0.36	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.05	0.44	1.21	0.38	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.04	0.47	1.18	0.38	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.05	0.47	1.20	0.35	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.09	0.44	1.24	0.31	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.11	0.56	1.20	0.22	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.16	0.77	1.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.23	0.87	0.94	0.04	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.23	1.10	0.74	0.01	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.03	0.28	1.08	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.08	0.23	1.17	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.11	0.35	1.09	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.12	0.39	1.08	0.48	0.01	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.13	0.44	1.08	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00

18:00	0.00	0.00	0.15	0.43	1.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.13	0.54	1.01	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.15	0.50	1.09	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.17	0.48	1.12	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.20	0.48	1.05	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.20	0.48	1.10	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.20	0.60	0.99	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.22	0.62	1.03	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.23	0.60	1.06	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.23	0.65	1.03	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.23	0.65	1.05	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.27	0.63	1.03	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.52	6.32	19.84	43.01	27.06	3.21	0.00	0.00	0.00	0.00	0.00	0.00

Min temperature from -15° to -11° (Time 04:30 UTC) – 0.11%

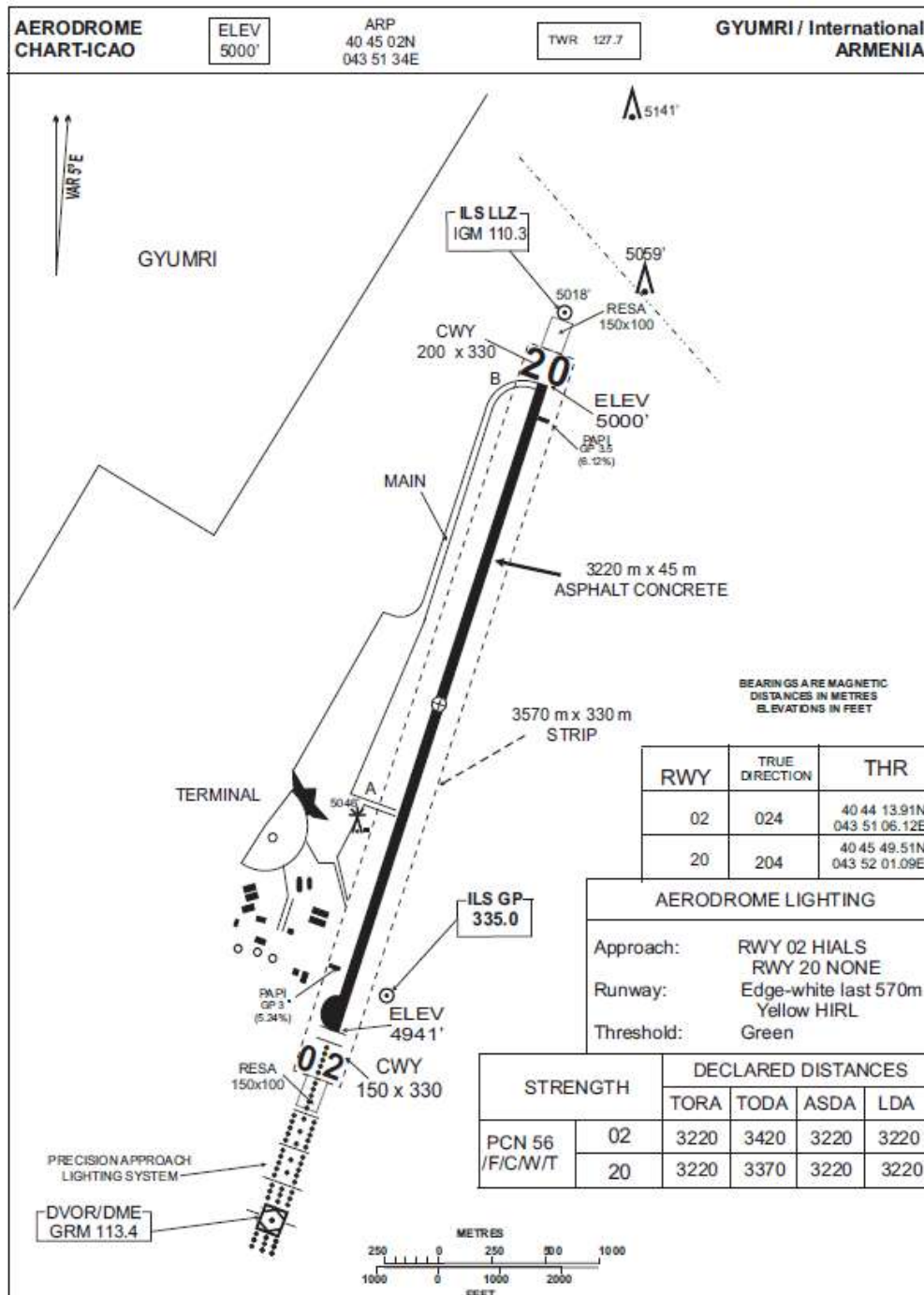
Max temperature from 10° to 14° (Time 12:00 UTC) – 0.38%

Mean dominating temperature from 0° to 4° – 43.01%





## 5. Summary of “Shirak” International Airport



Map 3: Map of "Shirak" aerodrome

“Shirak” international airport is located 5 km from Gyumri and 120 km from Yerevan. The distance from the state border of Turkey and Armenia is about 10 km. The coordinates are north latitude 40°45' 02"N and east longitude 043° 51' 34"E. The runway is 3,220 meters long and 45 meters wide, and the airport is situated at an elevation of 5,000 feet (1,524 meters) above sea level.

“Shirak” international airport is located in the open part of the Shirak Plateau (1,400-1,800 m), which slopes to the south. The Shirak plateau is bordered to the north by the Pambak mountain range (mount Tezhler, 3,101 m), to the west by the Akhuryan river and the adjacent

Kars plateau (1,650-1,850 m), and to the east by the mountains of the Aragats volcanic massif (4,090 m).

The area surrounding “Shirak” international airport is characterized by mountains and mountain ranges. Mount Esaul is approximately 10 kilometers to the north, the Kyapanak mountains extend about 20 kilometers to the east, and Mount Aragats dominates the southeast skyline from 40 kilometers away. Additionally, the Azatan reservoir is located near the southwest end of the runway.

Due to the complex geographical location and orography, the climatic conditions of “Shirak” international airport are diverse, which creates complications for the organization and safety of flights.

The runway at “Shirak” international airport is oriented from northeast 19° (020 threshold) to southwest 199° (02 threshold). Due to the mountainous topography, take-offs and landings on the 020 threshold are limited. The main operational direction is the 02 threshold.

During the summer, the frequencies of occurrence of the prevailing wind directions are: Northeast is 30.4%, and the most frequently recorded wind speed is up to 15 knots, which corresponds to a moderate wind according to the "Beaufort Wind Force Scale" (occurrence frequency: 82.42%). The maximum wind speed of 31-35 knots was observed in the northeast and southwestern parts (occurrence frequency: 0.06%) (see " Shirak " D model).

In winter, during the atmospheric circulation process caused by the air masses entering from the south-west and south-east of the RA, an increase in cloud cover is observed at the " Shirak" airport and the frequency of low-altitude clouds increases (see " Shirak" A, B, C models), visibility decreases and fog and mist are produced. These weather conditions can last for several hours (intramass freezing fogs) and days (intramass advective fogs).

The lowest temperatures in the area of “Shirak” aerodrome were recorded during the winter in December the lowest temperatures range from -20°C to -16°C (recorded at 02:30 UTC) and occur with a frequency of 0.13% and in January the lowest temperatures range from -20°C to -16°C (recorded at 04:30 UTC) and occur with a frequency of 0.35%. The average prevailing temperature in December is 0°C to 4°C, with a frequency of 37.72%, while in January the average prevailing temperature is -5°C to -1°C, with a frequency of 32.30% (see " Shirak" model E).

The highest of the maximum temperatures were recorded in July range from 35°C to 39°C (recorded at 11:00 UTC) and occur with a frequency of 0.04% and in August, range from 35°C to 39°C (recorded at 12:30 UTC) but occur with a slightly lower frequency of 0.04%. The average prevailing temperature is between 15°C and 19°C in July, with a frequency of 31.03% and in August 20°C and 24°C, with a slightly higher frequency of 30.93% (see “Shirak” model E).

# 5.1 RVR, Visibility and Ceiling

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL A

#### TABULAR FORM

AERODROME: UDSG      MONTH: JANUARY      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7440      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

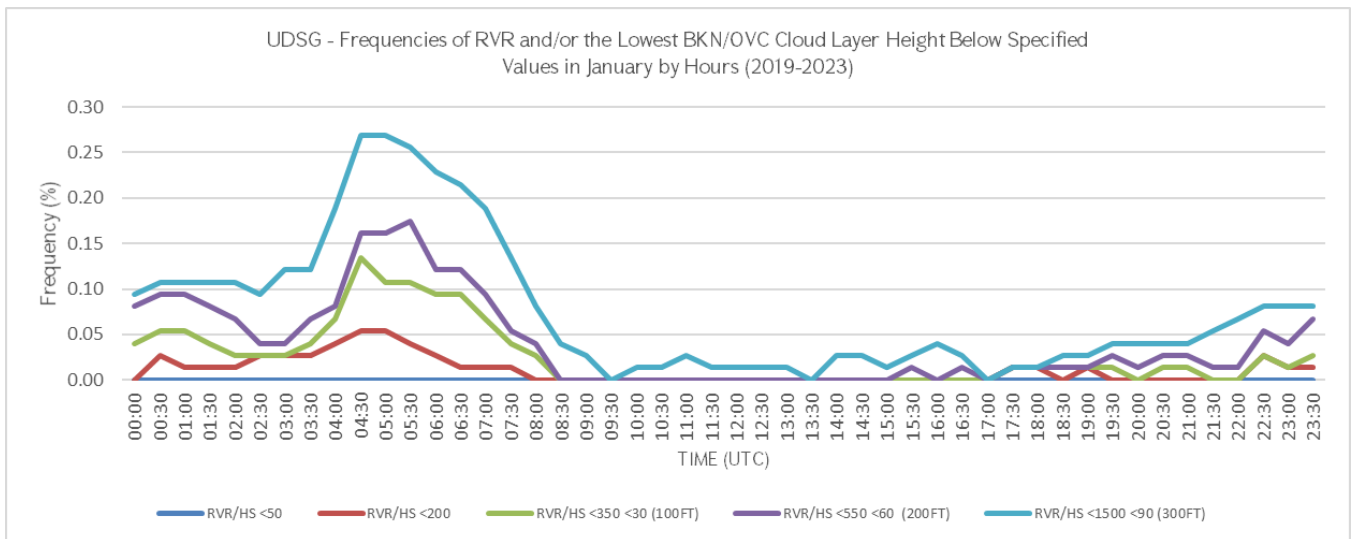
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

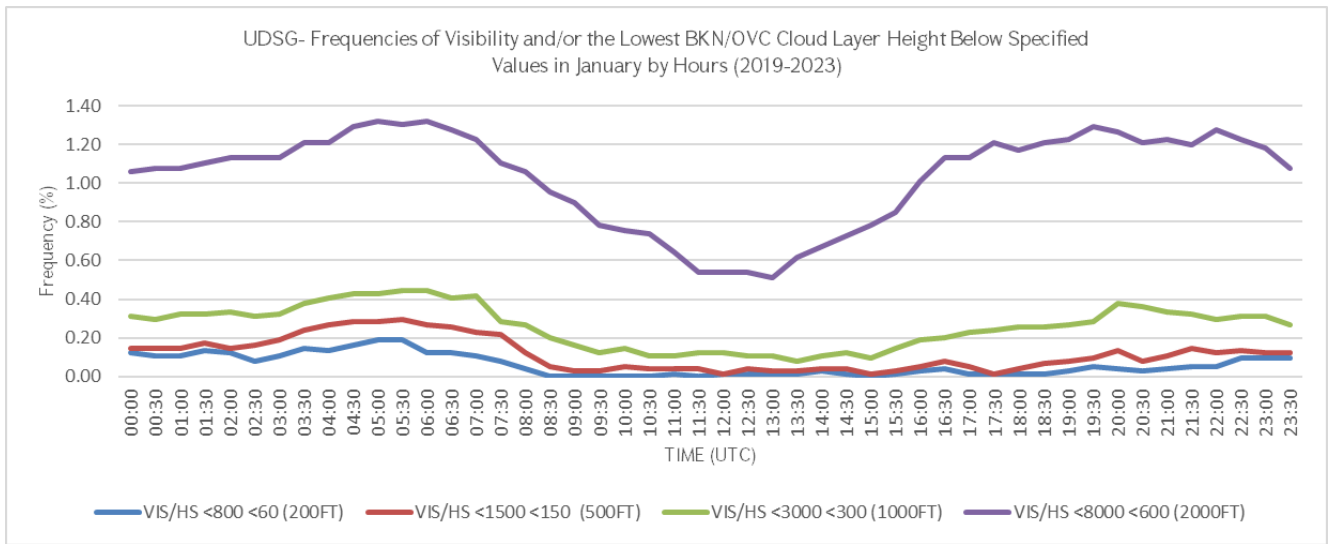
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 (100FT)	<550 (200FT)	<1500 (300FT)	<800 (200FT)	<1500 (500FT)	<3000 (1000FT)	<8000 (2000FT)
00:00	0.00	0.00	0.04	0.08	0.09	0.12	0.15	0.31	1.06
00:30	0.00	0.03	0.05	0.09	0.11	0.11	0.15	0.30	1.08
01:00	0.00	0.01	0.05	0.09	0.11	0.11	0.15	0.32	1.08
01:30	0.00	0.01	0.04	0.08	0.11	0.13	0.17	0.32	1.10
02:00	0.00	0.01	0.03	0.07	0.11	0.12	0.15	0.34	1.13
02:30	0.00	0.03	0.03	0.04	0.09	0.08	0.16	0.31	1.13
03:00	0.00	0.03	0.03	0.04	0.12	0.11	0.19	0.32	1.13
03:30	0.00	0.03	0.04	0.07	0.12	0.15	0.24	0.38	1.21
04:00	0.00	0.04	0.07	0.08	0.19	0.13	0.27	0.40	1.21
04:30	0.00	0.05	0.13	0.16	0.27	0.16	0.28	0.43	1.29
05:00	0.00	0.05	0.11	0.16	0.27	0.19	0.28	0.43	1.32
05:30	0.00	0.04	0.11	0.17	0.26	0.19	0.30	0.44	1.30
06:00	0.00	0.03	0.09	0.12	0.23	0.12	0.27	0.44	1.32
06:30	0.00	0.01	0.09	0.12	0.22	0.12	0.26	0.40	1.28
07:00	0.00	0.01	0.07	0.09	0.19	0.11	0.23	0.42	1.22
07:30	0.00	0.01	0.04	0.05	0.13	0.08	0.22	0.28	1.10
08:00	0.00	0.00	0.03	0.04	0.08	0.04	0.12	0.27	1.06
08:30	0.00	0.00	0.00	0.00	0.04	0.00	0.05	0.20	0.95
09:00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.16	0.90
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.78
10:00	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.15	0.75
10:30	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.11	0.74
11:00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.11	0.65
11:30	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.12	0.54
12:00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.12	0.54
12:30	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.11	0.54
13:00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.11	0.51
13:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.08	0.62
14:00	0.00	0.00	0.00	0.00	0.03	0.03	0.04	0.11	0.67
14:30	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.12	0.73
15:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.09	0.78
15:30	0.00	0.00	0.00	0.01	0.03	0.01	0.03	0.15	0.85
16:00	0.00	0.00	0.00	0.00	0.04	0.03	0.05	0.19	1.01
16:30	0.00	0.00	0.00	0.01	0.03	0.04	0.08	0.20	1.13

17:00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.23	1.13
17:30	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.24	1.21
18:00	0.00	0.01	0.01	0.01	0.01	0.01	0.04	0.26	1.17
18:30	0.00	0.00	0.01	0.01	0.03	0.01	0.07	0.26	1.21
19:00	0.00	0.01	0.01	0.01	0.03	0.03	0.08	0.27	1.22
19:30	0.00	0.00	0.01	0.03	0.04	0.05	0.09	0.28	1.29
20:00	0.00	0.00	0.00	0.01	0.04	0.04	0.13	0.38	1.26
20:30	0.00	0.00	0.01	0.03	0.04	0.03	0.08	0.36	1.21
21:00	0.00	0.00	0.01	0.03	0.04	0.04	0.11	0.34	1.22
21:30	0.00	0.00	0.00	0.01	0.05	0.05	0.15	0.32	1.20
22:00	0.00	0.00	0.00	0.01	0.07	0.05	0.12	0.30	1.28
22:30	0.00	0.03	0.03	0.05	0.08	0.09	0.13	0.31	1.22
23:00	0.00	0.01	0.01	0.04	0.08	0.09	0.12	0.31	1.18
23:30	0.00	0.01	0.03	0.07	0.08	0.09	0.12	0.27	1.08
TOTAL	0.00	0.50	1.21	1.94	3.63	2.89	5.54	12.47	49.57

In January, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on five-years observation, constitutes 0.50% (See climatological table of January, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 2.89% (See climatological table of January, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

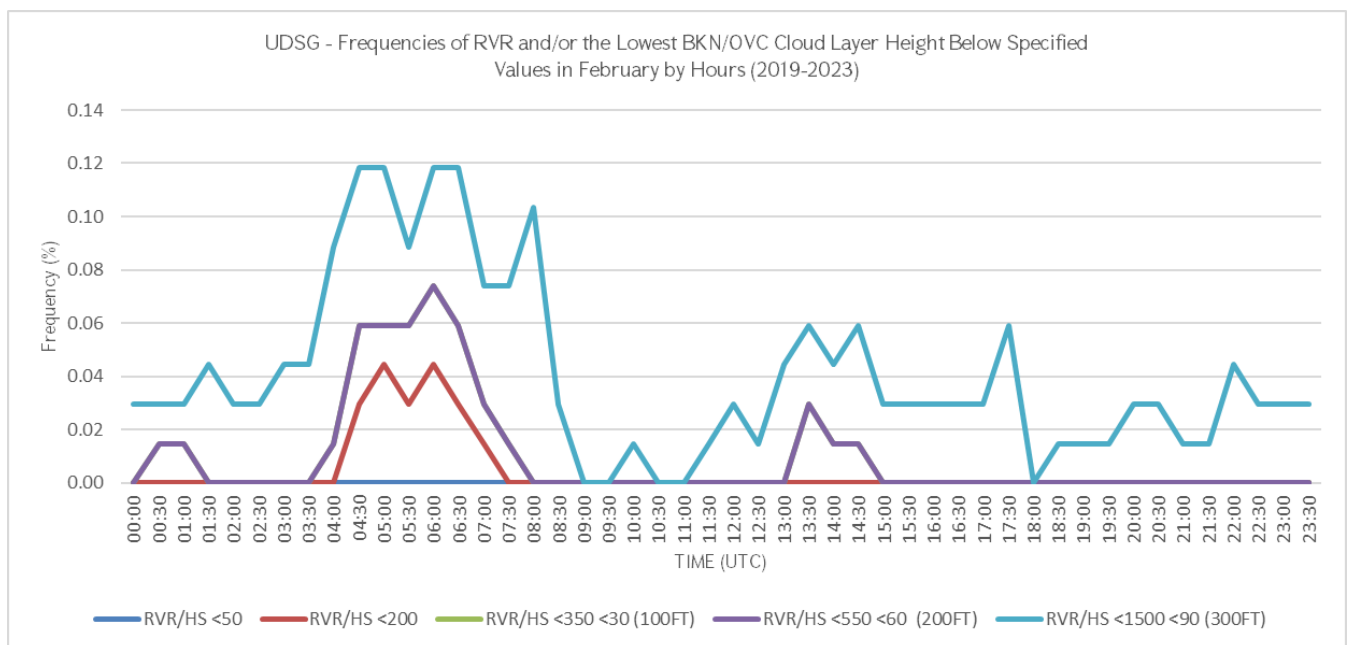
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
			<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.03	0.03	0.06	0.21	0.77
00:30	0.00	0.00	0.01	0.01	0.03	0.04	0.10	0.16	0.77
01:00	0.00	0.00	0.01	0.01	0.03	0.04	0.09	0.16	0.78
01:30	0.00	0.00	0.00	0.00	0.04	0.04	0.10	0.19	0.72
02:00	0.00	0.00	0.00	0.00	0.03	0.07	0.13	0.24	0.75
02:30	0.00	0.00	0.00	0.00	0.03	0.04	0.16	0.28	0.83
03:00	0.00	0.00	0.00	0.00	0.04	0.06	0.16	0.28	0.90
03:30	0.00	0.00	0.00	0.00	0.04	0.03	0.10	0.27	0.80
04:00	0.00	0.00	0.01	0.01	0.09	0.06	0.13	0.28	0.87
04:30	0.00	0.03	0.06	0.06	0.12	0.06	0.15	0.30	0.83
05:00	0.00	0.04	0.06	0.06	0.12	0.06	0.15	0.27	0.81
05:30	0.00	0.03	0.06	0.06	0.09	0.06	0.13	0.25	0.81
06:00	0.00	0.04	0.07	0.07	0.12	0.09	0.16	0.27	0.80
06:30	0.00	0.03	0.06	0.06	0.12	0.07	0.15	0.24	0.75
07:00	0.00	0.01	0.03	0.03	0.07	0.04	0.12	0.27	0.69
07:30	0.00	0.00	0.01	0.01	0.07	0.04	0.10	0.18	0.66
08:00	0.00	0.00	0.00	0.00	0.10	0.06	0.13	0.19	0.61
08:30	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.13	0.56
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.49
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.41
10:00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.38
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24
11:30	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.27
12:00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.07	0.25
12:30	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.09	0.33
13:00	0.00	0.00	0.00	0.00	0.04	0.03	0.06	0.10	0.33
13:30	0.00	0.00	0.03	0.03	0.06	0.04	0.09	0.12	0.38
14:00	0.00	0.00	0.01	0.01	0.04	0.03	0.07	0.12	0.38
14:30	0.00	0.00	0.01	0.01	0.06	0.03	0.09	0.10	0.44
15:00	0.00	0.00	0.00	0.00	0.03	0.01	0.06	0.13	0.49

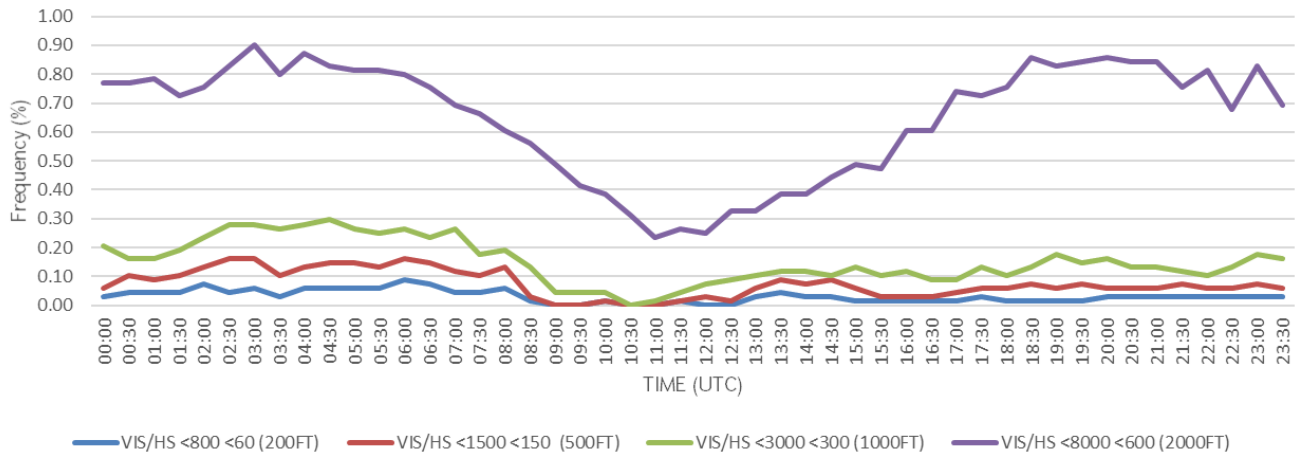
15:30	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.10	0.47
16:00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.12	0.61
16:30	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.09	0.61
17:00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.09	0.74
17:30	0.00	0.00	0.00	0.00	0.06	0.03	0.06	0.13	0.72
18:00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.10	0.75
18:30	0.00	0.00	0.00	0.00	0.01	0.01	0.07	0.13	0.86
19:00	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.18	0.83
19:30	0.00	0.00	0.00	0.00	0.01	0.01	0.07	0.15	0.84
20:00	0.00	0.00	0.00	0.00	0.03	0.03	0.06	0.16	0.86
20:30	0.00	0.00	0.00	0.00	0.03	0.03	0.06	0.13	0.84
21:00	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.13	0.84
21:30	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.12	0.75
22:00	0.00	0.00	0.00	0.00	0.04	0.03	0.06	0.10	0.81
22:30	0.00	0.00	0.00	0.00	0.03	0.03	0.06	0.13	0.68
23:00	0.00	0.00	0.00	0.00	0.03	0.03	0.07	0.18	0.83
23:30	0.00	0.00	0.00	0.00	0.03	0.03	0.06	0.16	0.69
TOTAL	0.00	0.19	0.46	0.46	1.97	1.49	3.58	7.30	31.16

In February, the observed occurrence of the RVR minimum values of below 200 meters, based on five-years observation, constitutes 0.19% (See climatological table of February, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 1.49% (See climatological table of February, Model A).



UDSG-Frequencies of Visibility and/or the Lowest BKN/CVC Cloud Layer Height Below Specified Values in February by Hours (2019-2023)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG

MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

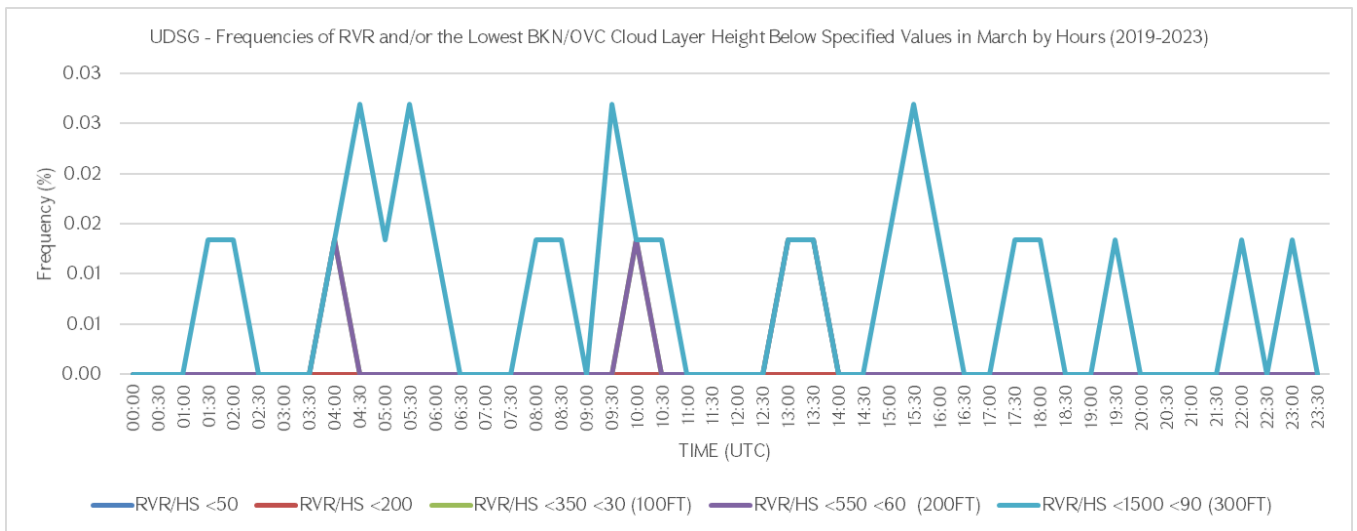
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

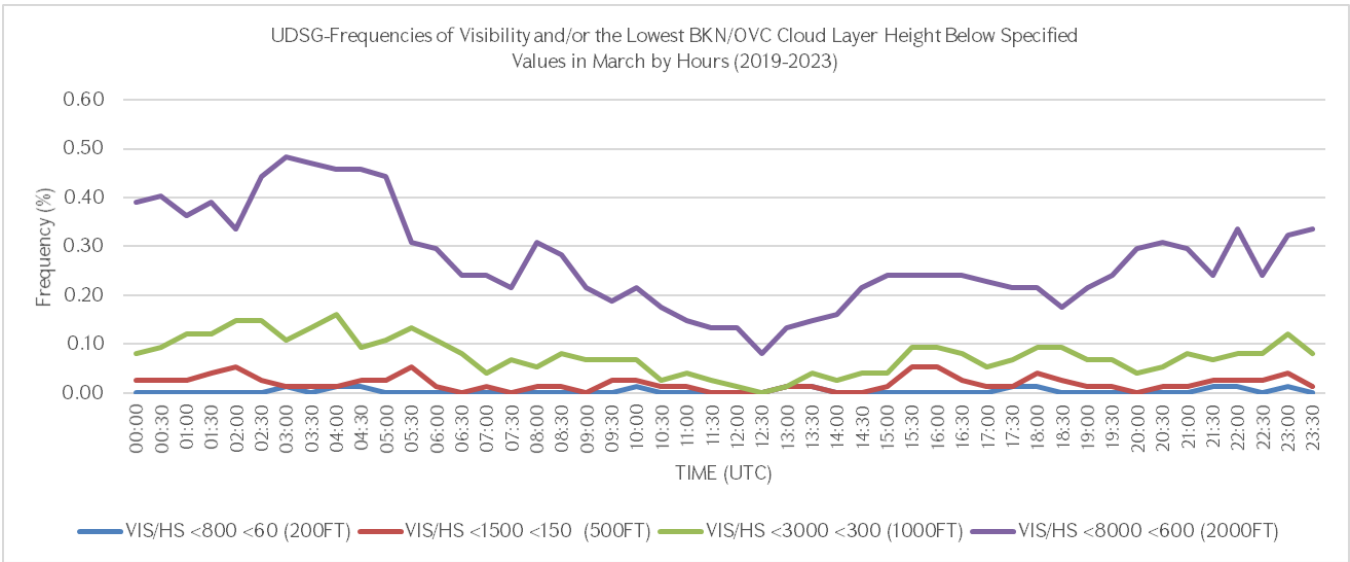
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 (100FT)	<550 (200FT)	<1500 (300FT)	<800 (200FT)	<1500 (500FT)	<3000 (1000FT)	<8000 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.39
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.40
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.36
01:30	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.12	0.39
02:00	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.15	0.34
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	0.44
03:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.11	0.48
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.47
04:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.16	0.46
04:30	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.09	0.46
05:00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.11	0.44
05:30	0.00	0.00	0.00	0.00	0.03	0.00	0.05	0.13	0.31
06:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.11	0.30
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.24
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.24
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.22
08:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.05	0.31
08:30	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.08	0.28
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.22
09:30	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.07	0.19
10:00	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.07	0.22
10:30	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.17
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.15
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
13:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.13
13:30	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.04	0.15
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.16
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.22
15:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.04	0.24

15:30	0.00	0.00	0.00	0.00	0.03	0.00	0.05	0.09	0.24
16:00	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.09	0.24
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.24
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.23
17:30	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.22
18:00	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.09	0.22
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.17
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.22
19:30	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.07	0.24
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.30
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.31
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.30
21:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.24
22:00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.08	0.34
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.24
23:00	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.12	0.32
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.34
TOTAL	0.00	0.00	0.05	0.05	0.35	0.15	0.94	3.67	13.12

In March, the observed occurrence of the RVR minimum values of below 350 meters, based on five-years observation, constitutes 0.05% (See climatological table of March, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 0.15% (See climatological table of March, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG

MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

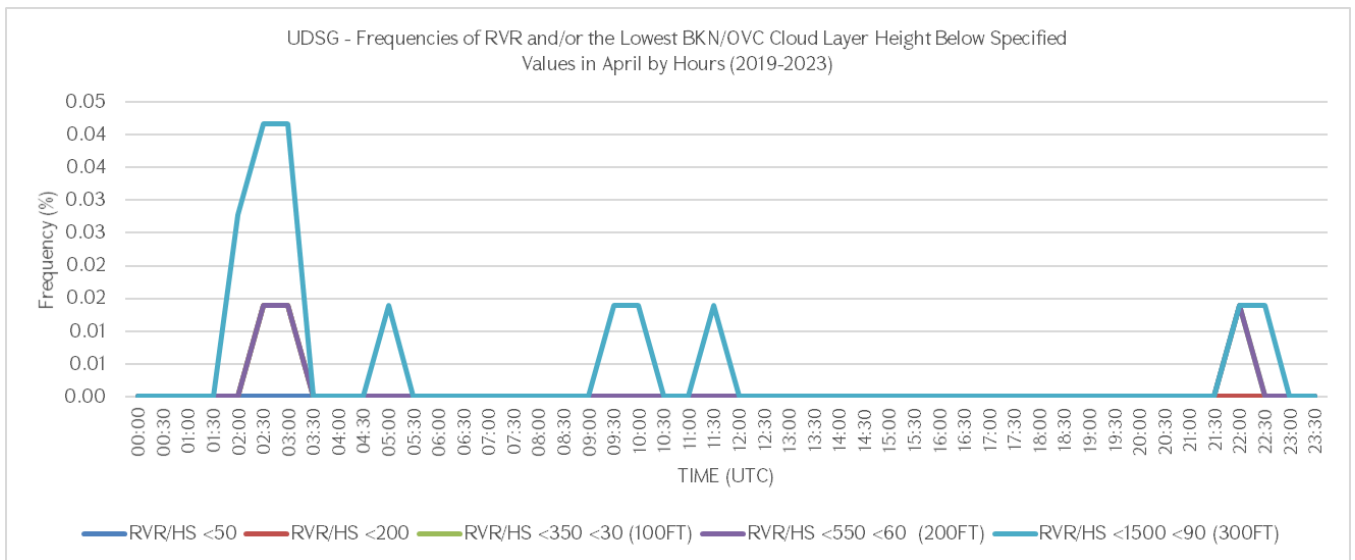
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

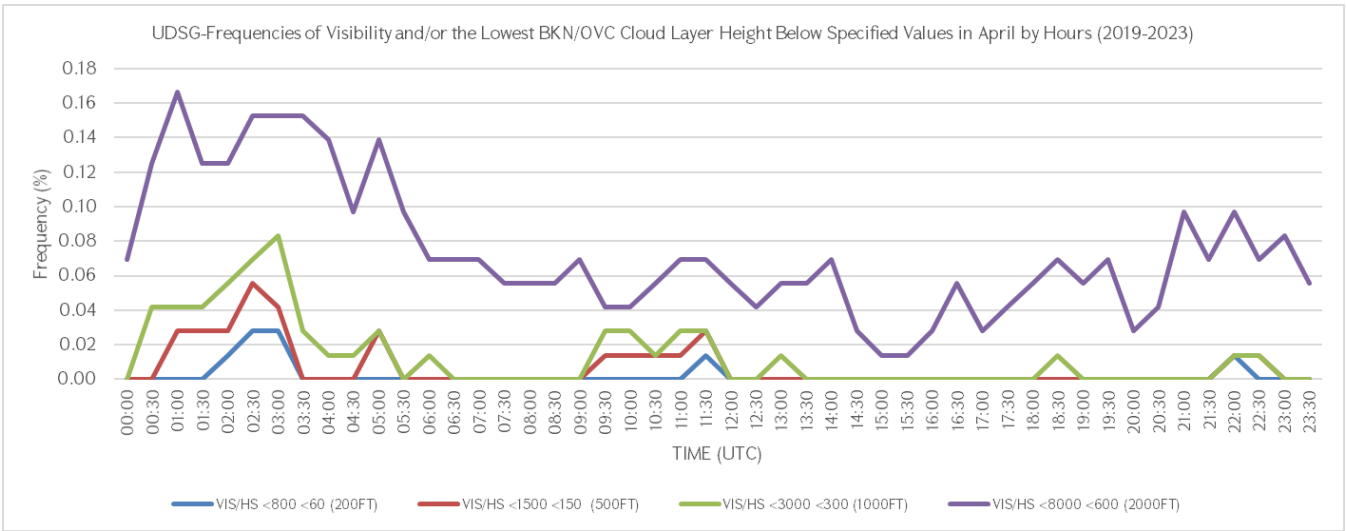
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.13
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.17
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.13
02:00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.06	0.13
02:30	0.00	0.01	0.01	0.01	0.04	0.03	0.06	0.07	0.15
03:00	0.00	0.01	0.01	0.01	0.04	0.03	0.04	0.08	0.15
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
05:00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.03	0.14
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
09:30	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.04
10:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.04
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.07
11:30	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.03	0.07
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
22:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.10
22:30	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.07
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
TOTAL	0.00	0.03	0.04	0.04	0.19	0.10	0.32	0.61	3.54

In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on five-years observation, constitutes 0.03% (See climatological table of April, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 0.10% (See climatological table of April, Model A).





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL A**

**TABULAR FORM**

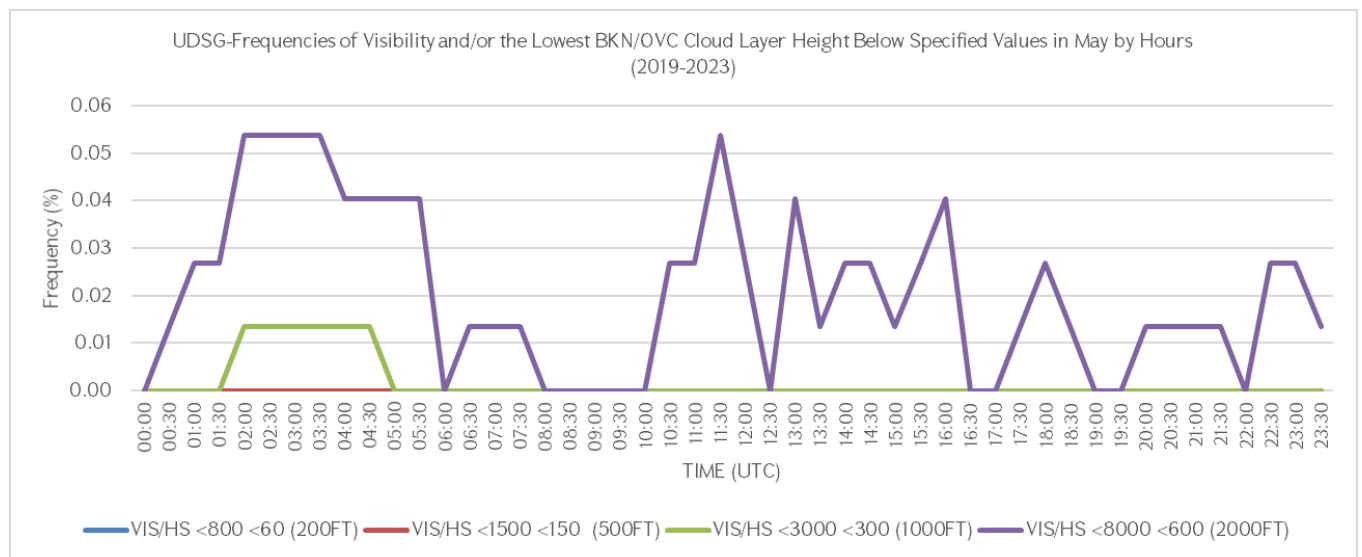
AERODROME: UDSG      MONTH: MAY      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7440      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.98

In May, based on five-years observation the RVR minimum values are not observed (See climatological table of June, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 3,000 meters and/or cloud ceiling below 1,000 feet is 0.08% (See climatological table of May, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG

MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

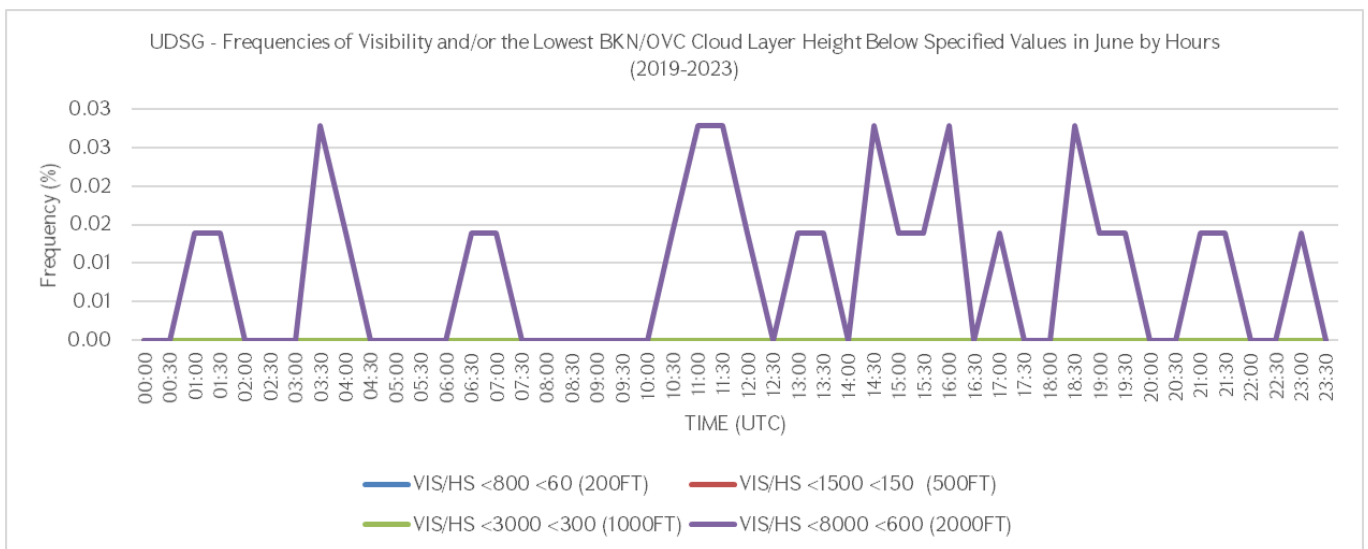
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40

In June, based on five-years observation the RVR minimum values are not observed (See climatological table of June, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 8,000 meters and/or cloud ceiling below 2,000 feet is 0.40% (See climatological table of June, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

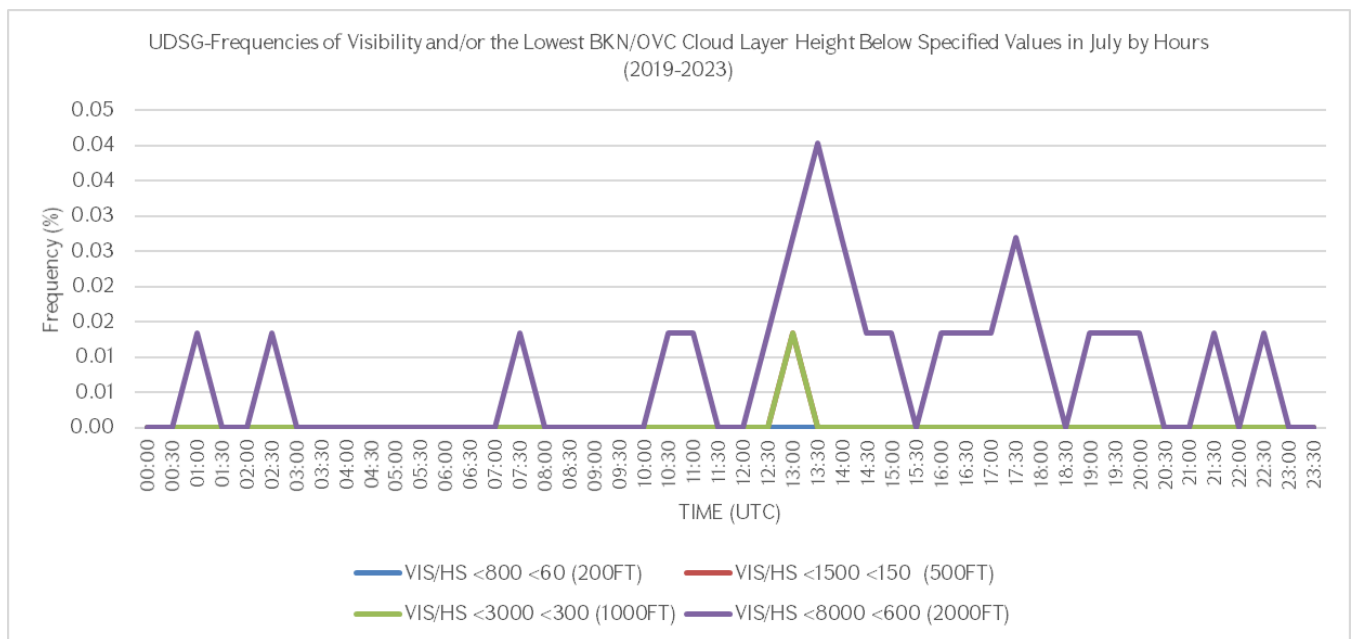
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.35

In July, based on five-years observation the RVR minimum values are not observed (See climatological table of July, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 1,500 meters and/or cloud ceiling below 500 feet is 0.01% (See climatological table of July, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL A

#### TABULAR FORM

AERODROME: UDSG      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

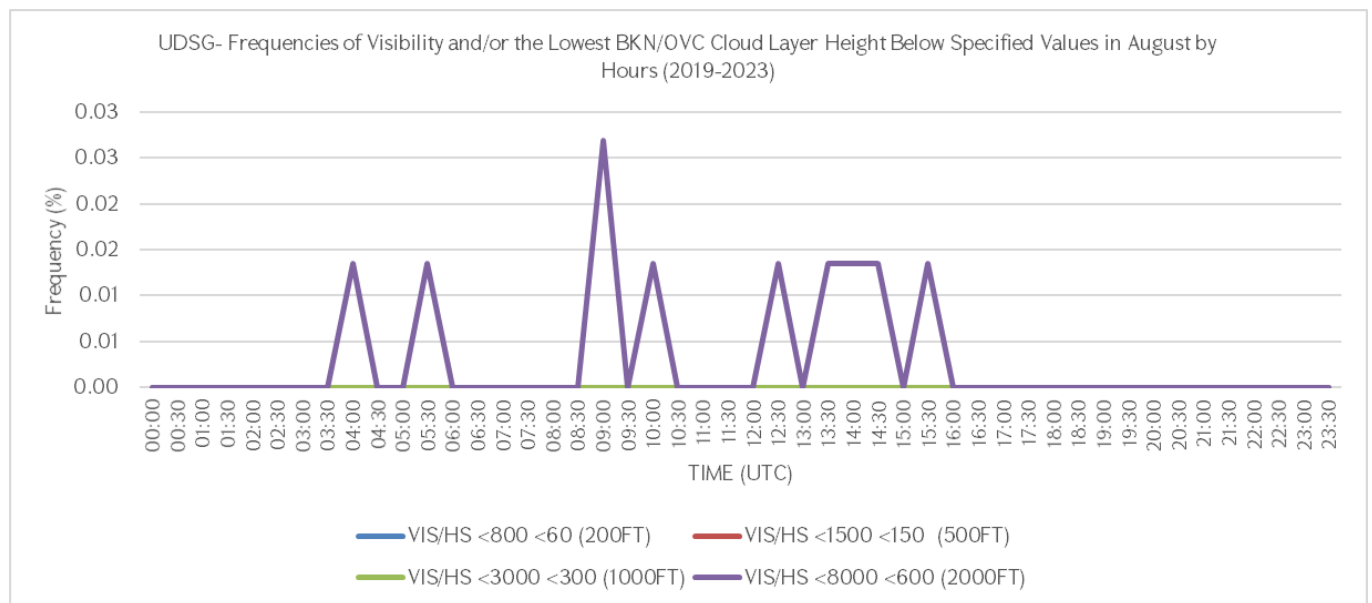
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
			<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13

In August, based on five-years observation the RVR minimum values are not observed (See climatological table of August, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 8,000 meters and/or cloud ceiling below 2,000 feet is 0.13% (See climatological table of August, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG

MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

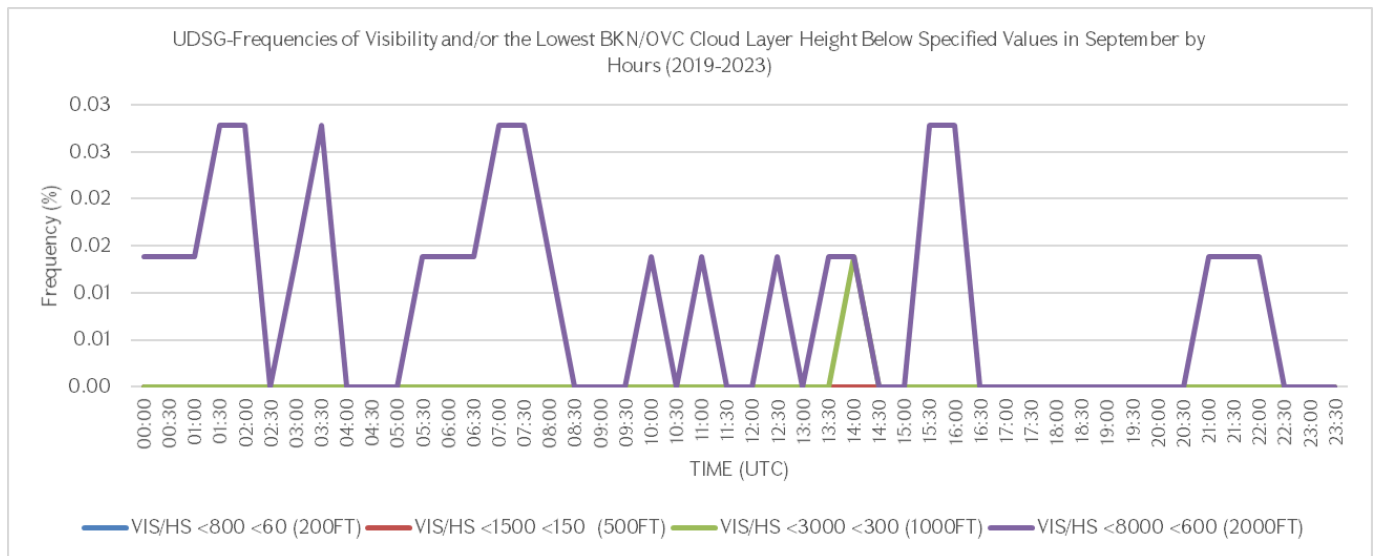
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
			<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.42

In September, based on five-years observation the RVR minimum values are not observed (See climatological table of September, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 3,000 meters and/or cloud ceiling below 1,000 feet is 0.01% (See climatological table of September, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

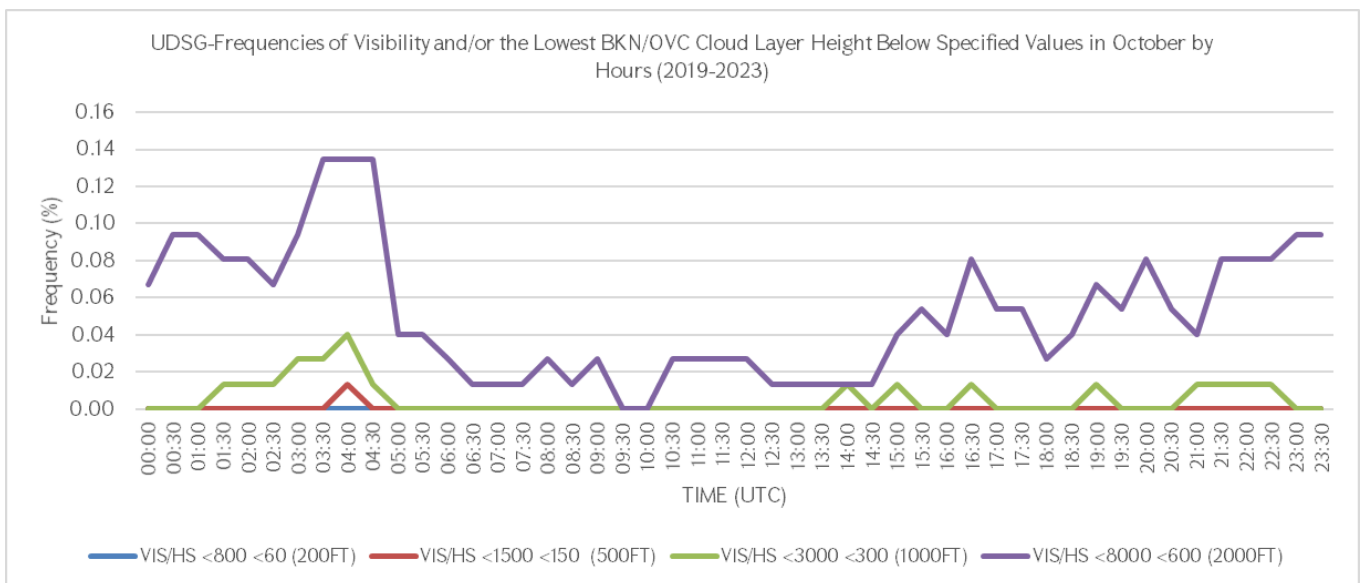
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 <30 (100FT)	<550 <60 (200FT)	<1500 <90 (300FT)	<800 <60 (200FT)	<1500 <150 (500FT)	<3000 <300 (1000FT)	<8000 <600 (2000FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.13
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.26	2.49

In October, based on five-years observation the RVR minimum values are not observed (See climatological table of September, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 1,500 meters and/or cloud ceiling below 500 feet is 0.01% (See climatological table of October, Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL A**

#### TABULAR FORM

AERODROME: UDSG      MONTH: NOVEMBER      PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200      OBSERVATION INTERVAL: 30 MIN.

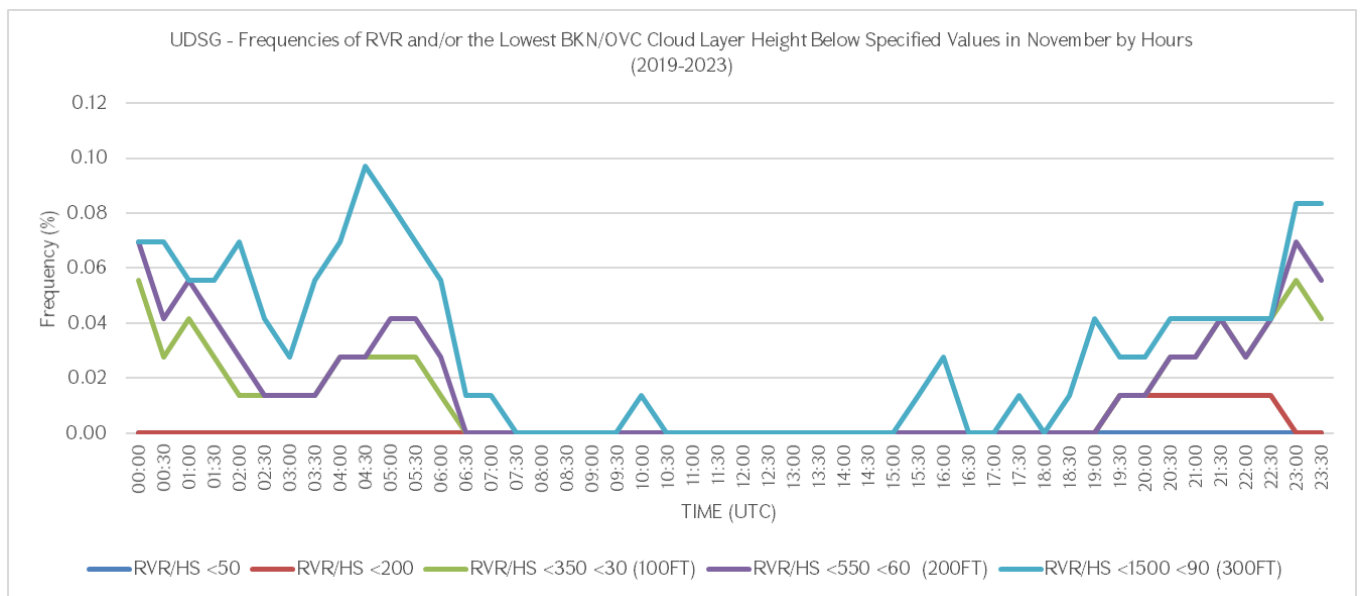
LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

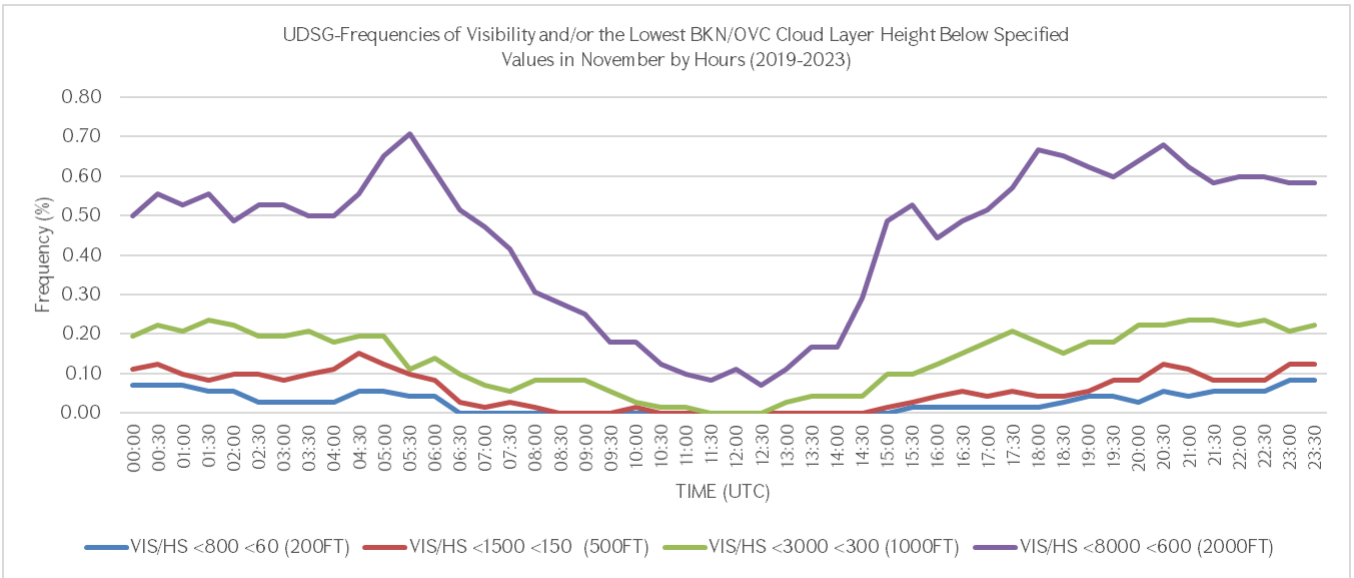
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 (100FT)	<550 (200FT)	<1500 (300FT)	<800 (200FT)	<1500 (500FT)	<3000 (1000FT)	<8000 (2000FT)
00:00	0.00	0.00	0.06	0.07	0.07	0.07	0.11	0.19	0.50
00:30	0.00	0.00	0.03	0.04	0.07	0.07	0.13	0.22	0.56
01:00	0.00	0.00	0.04	0.06	0.06	0.07	0.10	0.21	0.53
01:30	0.00	0.00	0.03	0.04	0.06	0.06	0.08	0.24	0.56
02:00	0.00	0.00	0.01	0.03	0.07	0.06	0.10	0.22	0.49
02:30	0.00	0.00	0.01	0.01	0.04	0.03	0.10	0.19	0.53
03:00	0.00	0.00	0.01	0.01	0.03	0.03	0.08	0.19	0.53
03:30	0.00	0.00	0.01	0.01	0.06	0.03	0.10	0.21	0.50
04:00	0.00	0.00	0.03	0.03	0.07	0.03	0.11	0.18	0.50
04:30	0.00	0.00	0.03	0.03	0.10	0.06	0.15	0.19	0.56
05:00	0.00	0.00	0.03	0.04	0.08	0.06	0.13	0.19	0.65
05:30	0.00	0.00	0.03	0.04	0.07	0.04	0.10	0.11	0.71
06:00	0.00	0.00	0.01	0.03	0.06	0.04	0.08	0.14	0.61
06:30	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.10	0.51
07:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.07	0.47
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.42
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.31
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.28
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.25
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.18
10:00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.18
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.17
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.17
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.29
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.49
15:30	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.10	0.53

16:00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.13	0.44
16:30	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.15	0.49
17:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.18	0.51
17:30	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.21	0.57
18:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.18	0.67
18:30	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.15	0.65
19:00	0.00	0.00	0.00	0.00	0.04	0.04	0.06	0.18	0.63
19:30	0.00	0.01	0.01	0.01	0.03	0.04	0.08	0.18	0.60
20:00	0.00	0.01	0.01	0.01	0.03	0.03	0.08	0.22	0.64
20:30	0.00	0.01	0.03	0.03	0.04	0.06	0.13	0.22	0.68
21:00	0.00	0.01	0.03	0.03	0.04	0.04	0.11	0.24	0.63
21:30	0.00	0.01	0.04	0.04	0.04	0.06	0.08	0.24	0.58
22:00	0.00	0.01	0.03	0.03	0.04	0.06	0.08	0.22	0.60
22:30	0.00	0.01	0.04	0.04	0.04	0.06	0.08	0.24	0.60
23:00	0.00	0.00	0.06	0.07	0.08	0.08	0.13	0.21	0.58
23:30	0.00	0.00	0.04	0.06	0.08	0.08	0.13	0.22	0.58
TOTAL	0.00	0.10	0.63	0.76	1.40	1.28	2.74	6.60	21.49

In November, the observed occurrence of the RVR minimum values of below 200 meters, based on five-years observation, constitutes 0.10% (See climatological table of November, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 1.28% (See climatological table of November, Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL A

#### TABULAR FORM

AERODROME: UDSG

MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

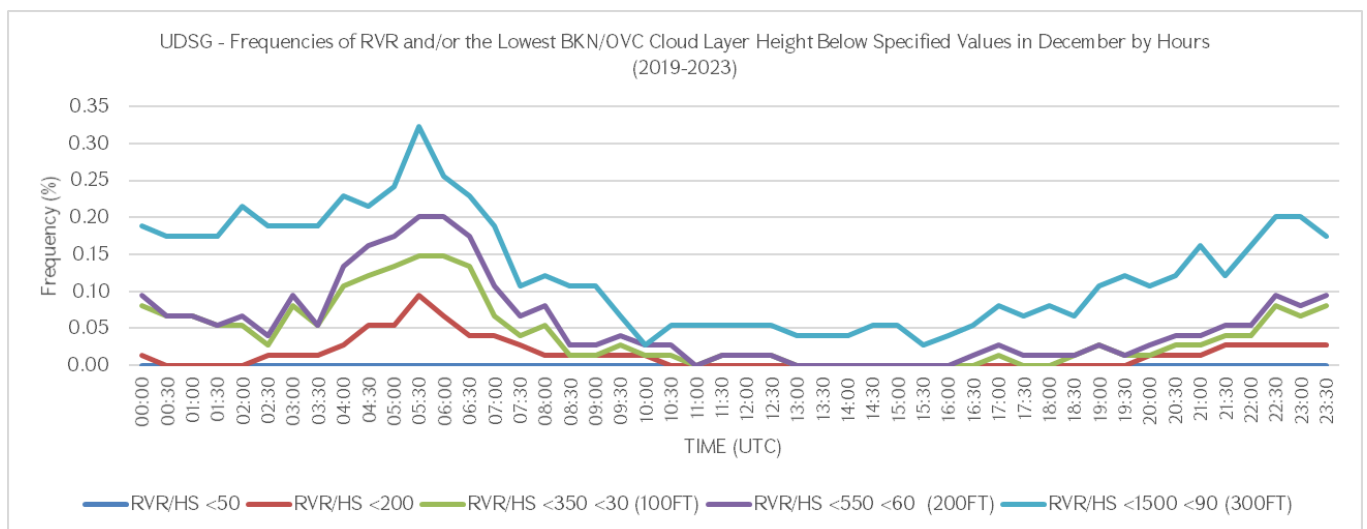
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

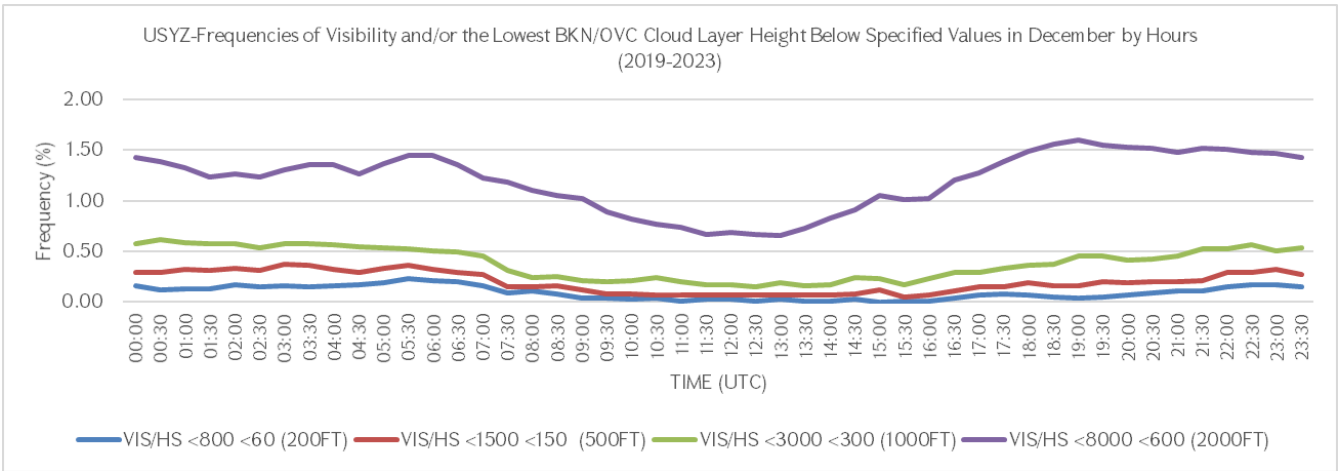
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350 (100FT)	<550 (200FT)	<1500 (300FT)	<800 (200FT)	<1500 (500FT)	<3000 (1000FT)	<8000 (2000FT)
00:00	0.00	0.01	0.08	0.09	0.19	0.16	0.30	0.58	1.42
00:30	0.00	0.00	0.07	0.07	0.17	0.12	0.30	0.62	1.38
01:00	0.00	0.00	0.07	0.07	0.17	0.13	0.32	0.59	1.33
01:30	0.00	0.00	0.05	0.05	0.17	0.13	0.31	0.58	1.24
02:00	0.00	0.00	0.05	0.07	0.22	0.17	0.34	0.58	1.26
02:30	0.00	0.01	0.03	0.04	0.19	0.15	0.31	0.54	1.24
03:00	0.00	0.01	0.08	0.09	0.19	0.16	0.38	0.58	1.30
03:30	0.00	0.01	0.05	0.05	0.19	0.15	0.36	0.58	1.36
04:00	0.00	0.03	0.11	0.13	0.23	0.16	0.32	0.56	1.36
04:30	0.00	0.05	0.12	0.16	0.22	0.17	0.30	0.55	1.26
05:00	0.00	0.05	0.13	0.17	0.24	0.19	0.34	0.54	1.37
05:30	0.00	0.09	0.15	0.20	0.32	0.23	0.36	0.52	1.45
06:00	0.00	0.07	0.15	0.20	0.26	0.22	0.32	0.51	1.45
06:30	0.00	0.04	0.13	0.17	0.23	0.20	0.30	0.50	1.36
07:00	0.00	0.04	0.07	0.11	0.19	0.16	0.27	0.46	1.22
07:30	0.00	0.03	0.04	0.07	0.11	0.09	0.15	0.31	1.18
08:00	0.00	0.01	0.05	0.08	0.12	0.11	0.15	0.24	1.10
08:30	0.00	0.01	0.01	0.03	0.11	0.08	0.16	0.26	1.05
09:00	0.00	0.01	0.01	0.03	0.11	0.04	0.12	0.22	1.02
09:30	0.00	0.01	0.03	0.04	0.07	0.04	0.08	0.20	0.89
10:00	0.00	0.01	0.01	0.03	0.03	0.03	0.08	0.22	0.82
10:30	0.00	0.00	0.01	0.03	0.05	0.04	0.07	0.24	0.77
11:00	0.00	0.00	0.00	0.00	0.05	0.01	0.07	0.20	0.74
11:30	0.00	0.00	0.01	0.01	0.05	0.03	0.07	0.17	0.67
12:00	0.00	0.00	0.01	0.01	0.05	0.03	0.07	0.17	0.69
12:30	0.00	0.00	0.01	0.01	0.05	0.01	0.07	0.15	0.67
13:00	0.00	0.00	0.00	0.00	0.04	0.03	0.07	0.19	0.66
13:30	0.00	0.00	0.00	0.00	0.04	0.01	0.07	0.16	0.73
14:00	0.00	0.00	0.00	0.00	0.04	0.01	0.07	0.17	0.83
14:30	0.00	0.00	0.00	0.00	0.05	0.03	0.08	0.24	0.91
15:00	0.00	0.00	0.00	0.00	0.05	0.00	0.12	0.23	1.05
15:30	0.00	0.00	0.00	0.00	0.03	0.01	0.05	0.17	1.01

16:00	0.00	0.00	0.00	0.00	0.04	0.01	0.07	0.23	1.02
16:30	0.00	0.00	0.00	0.01	0.05	0.04	0.11	0.30	1.21
17:00	0.00	0.00	0.01	0.03	0.08	0.07	0.15	0.30	1.28
17:30	0.00	0.00	0.00	0.01	0.07	0.08	0.15	0.34	1.38
18:00	0.00	0.00	0.00	0.01	0.08	0.07	0.19	0.36	1.49
18:30	0.00	0.00	0.01	0.01	0.07	0.05	0.16	0.38	1.56
19:00	0.00	0.00	0.03	0.03	0.11	0.04	0.16	0.46	1.60
19:30	0.00	0.00	0.01	0.01	0.12	0.05	0.20	0.46	1.55
20:00	0.00	0.01	0.01	0.03	0.11	0.07	0.19	0.42	1.53
20:30	0.00	0.01	0.03	0.04	0.12	0.09	0.20	0.43	1.52
21:00	0.00	0.01	0.03	0.04	0.16	0.11	0.20	0.46	1.48
21:30	0.00	0.03	0.04	0.05	0.12	0.11	0.22	0.52	1.52
22:00	0.00	0.03	0.04	0.05	0.16	0.15	0.30	0.52	1.51
22:30	0.00	0.03	0.08	0.09	0.20	0.17	0.30	0.56	1.48
23:00	0.00	0.03	0.07	0.08	0.20	0.17	0.32	0.51	1.47
23:30	0.00	0.03	0.08	0.09	0.17	0.15	0.27	0.54	1.42
TOTAL	0.00	0.70	2.00	2.63	6.10	4.56	9.52	18.60	57.81

In December, the observed occurrence of the RVR minimum values of below 200 meters, based on five-years observation, constitutes 0.07% (See climatological table of December, Model A).

For “Shirak” international airport, based on five-year observation, the occurrence frequency of horizontal visibility below 800 meters and/or cloud ceiling below 200 feet is 4.56% (See climatological table of December, Model A).







## 5.1.1 Visibility

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY

MODEL B

#### TABULAR FORM

AERODROME: UDSG      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.03	0.04	0.05	0.07	0.09	0.22	0.47	0.90
00:30	0.04	0.05	0.05	0.07	0.11	0.22	0.51	0.93
01:00	0.03	0.05	0.05	0.07	0.11	0.23	0.47	0.93
01:30	0.07	0.07	0.09	0.09	0.13	0.23	0.51	0.97
02:00	0.03	0.07	0.07	0.08	0.11	0.26	0.51	0.98
02:30	0.03	0.05	0.05	0.07	0.13	0.26	0.44	0.99
03:00	0.03	0.05	0.08	0.09	0.16	0.26	0.44	0.95
03:30	0.04	0.08	0.09	0.12	0.16	0.27	0.47	0.97
04:00	0.07	0.09	0.09	0.12	0.19	0.28	0.50	0.98
04:30	0.09	0.12	0.13	0.13	0.17	0.28	0.58	1.02
05:00	0.11	0.11	0.11	0.13	0.17	0.27	0.55	1.02
05:30	0.07	0.09	0.12	0.12	0.16	0.28	0.56	1.03
06:00	0.04	0.08	0.09	0.09	0.16	0.28	0.63	1.08
06:30	0.01	0.08	0.09	0.09	0.15	0.24	0.63	1.02
07:00	0.03	0.05	0.08	0.08	0.12	0.26	0.55	0.98
07:30	0.01	0.05	0.07	0.07	0.12	0.17	0.38	0.89
08:00	0.00	0.01	0.03	0.03	0.07	0.17	0.30	0.86
08:30	0.00	0.00	0.00	0.00	0.03	0.11	0.28	0.78
09:00	0.00	0.00	0.00	0.00	0.03	0.09	0.28	0.74
09:30	0.00	0.00	0.00	0.00	0.01	0.08	0.20	0.65
10:00	0.00	0.00	0.00	0.00	0.04	0.09	0.20	0.60
10:30	0.00	0.00	0.00	0.00	0.03	0.05	0.16	0.60
11:00	0.00	0.00	0.00	0.01	0.03	0.07	0.13	0.52
11:30	0.00	0.00	0.00	0.00	0.03	0.07	0.11	0.43
12:00	0.00	0.00	0.00	0.01	0.01	0.08	0.13	0.44
12:30	0.00	0.00	0.01	0.01	0.03	0.07	0.11	0.47
13:00	0.00	0.00	0.01	0.01	0.01	0.07	0.12	0.44
13:30	0.00	0.00	0.01	0.01	0.01	0.05	0.15	0.55
14:00	0.00	0.00	0.00	0.03	0.04	0.08	0.17	0.59
14:30	0.00	0.00	0.00	0.01	0.04	0.09	0.19	0.66
15:00	0.00	0.00	0.00	0.00	0.01	0.07	0.26	0.71
15:30	0.00	0.00	0.00	0.00	0.01	0.12	0.28	0.78
16:00	0.00	0.01	0.03	0.03	0.03	0.13	0.35	0.91

16:30	0.00	0.00	0.01	0.03	0.04	0.16	0.39	1.02
17:00	0.00	0.00	0.00	0.01	0.04	0.17	0.43	1.01
17:30	0.01	0.01	0.01	0.01	0.01	0.19	0.54	1.09
18:00	0.01	0.01	0.01	0.01	0.03	0.19	0.51	1.05
18:30	0.01	0.01	0.01	0.01	0.04	0.20	0.56	1.08
19:00	0.03	0.03	0.03	0.03	0.05	0.22	0.59	1.09
19:30	0.03	0.03	0.04	0.04	0.05	0.22	0.60	1.13
20:00	0.01	0.03	0.03	0.03	0.08	0.28	0.65	1.10
20:30	0.01	0.01	0.01	0.01	0.04	0.28	0.63	1.09
21:00	0.01	0.01	0.01	0.03	0.07	0.26	0.69	1.09
21:30	0.03	0.03	0.04	0.04	0.11	0.26	0.62	1.06
22:00	0.01	0.03	0.03	0.04	0.09	0.24	0.58	1.14
22:30	0.03	0.04	0.05	0.07	0.11	0.26	0.54	1.13
23:00	0.03	0.04	0.05	0.07	0.09	0.26	0.58	1.05
23:30	0.03	0.04	0.04	0.05	0.08	0.22	0.58	0.93
Mean	0.02	0.03	0.04	0.04	0.08	0.19	0.42	0.88

According to the climatological table of January the mean percentage of visibility values below 8,000 meters is 0.88%, correspondingly, the mean percentage of 99.12% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.02% (See climatological table of January, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG

MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.03	0.03	0.03	0.03	0.18	0.31	0.74
00:30	0.01	0.04	0.04	0.04	0.06	0.12	0.30	0.74
01:00	0.01	0.04	0.04	0.04	0.04	0.12	0.31	0.75
01:30	0.01	0.04	0.04	0.04	0.07	0.15	0.35	0.69
02:00	0.01	0.06	0.06	0.07	0.09	0.16	0.37	0.69
02:30	0.03	0.03	0.03	0.04	0.10	0.21	0.35	0.77
03:00	0.03	0.03	0.03	0.06	0.10	0.22	0.41	0.83
03:30	0.01	0.01	0.03	0.03	0.06	0.21	0.40	0.72
04:00	0.01	0.01	0.04	0.06	0.09	0.21	0.37	0.77
04:30	0.01	0.04	0.04	0.06	0.09	0.22	0.43	0.69
05:00	0.03	0.04	0.04	0.06	0.09	0.18	0.40	0.72
05:30	0.03	0.04	0.04	0.06	0.07	0.16	0.35	0.77
06:00	0.06	0.09	0.09	0.09	0.10	0.19	0.38	0.72
06:30	0.04	0.06	0.07	0.07	0.10	0.19	0.33	0.69
07:00	0.01	0.03	0.04	0.04	0.07	0.21	0.34	0.61
07:30	0.00	0.01	0.04	0.04	0.06	0.12	0.27	0.61
08:00	0.00	0.00	0.03	0.06	0.10	0.13	0.19	0.52
08:30	0.00	0.00	0.00	0.01	0.03	0.10	0.22	0.47
09:00	0.00	0.00	0.00	0.00	0.00	0.04	0.12	0.43
09:30	0.00	0.00	0.00	0.00	0.00	0.04	0.13	0.35
10:00	0.00	0.00	0.00	0.01	0.01	0.04	0.18	0.34
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.28
11:00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.21
11:30	0.00	0.00	0.01	0.01	0.01	0.01	0.06	0.22
12:00	0.00	0.00	0.00	0.00	0.03	0.04	0.10	0.18
12:30	0.00	0.00	0.00	0.00	0.01	0.06	0.10	0.24
13:00	0.00	0.00	0.01	0.03	0.04	0.07	0.12	0.25
13:30	0.00	0.01	0.03	0.04	0.06	0.09	0.16	0.30
14:00	0.00	0.01	0.01	0.03	0.04	0.09	0.16	0.30
14:30	0.00	0.01	0.01	0.03	0.06	0.07	0.19	0.37
15:00	0.00	0.00	0.01	0.01	0.04	0.10	0.18	0.43
15:30	0.00	0.01	0.01	0.01	0.01	0.07	0.22	0.47
16:00	0.00	0.01	0.01	0.01	0.01	0.09	0.22	0.61
16:30	0.00	0.01	0.01	0.01	0.01	0.06	0.24	0.62
17:00	0.01	0.01	0.01	0.01	0.03	0.06	0.28	0.75

17:30	0.01	0.03	0.03	0.03	0.04	0.13	0.33	0.72
18:00	0.00	0.01	0.01	0.01	0.04	0.10	0.33	0.75
18:30	0.00	0.01	0.01	0.01	0.06	0.13	0.37	0.83
19:00	0.00	0.01	0.01	0.01	0.04	0.18	0.35	0.81
19:30	0.01	0.01	0.01	0.01	0.06	0.15	0.34	0.84
20:00	0.01	0.03	0.03	0.03	0.04	0.15	0.37	0.83
20:30	0.00	0.03	0.03	0.03	0.03	0.12	0.40	0.84
21:00	0.00	0.01	0.03	0.03	0.03	0.13	0.37	0.83
21:30	0.00	0.01	0.01	0.03	0.04	0.10	0.35	0.77
22:00	0.00	0.03	0.03	0.03	0.03	0.09	0.37	0.83
22:30	0.00	0.03	0.03	0.03	0.04	0.12	0.35	0.68
23:00	0.00	0.03	0.03	0.03	0.06	0.16	0.38	0.84
23:30	0.00	0.03	0.03	0.03	0.03	0.15	0.34	0.71
Mean	0.01	0.02	0.03	0.03	0.05	0.12	0.28	0.61

According to the climatological table of February the mean percentage of visibility values below 8,000 meters is 0.61%, correspondingly, the mean percentage of 99.39% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.001% (See climatological table of February, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG

MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N    LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.01	0.05	0.12	0.34
00:30	0.00	0.00	0.00	0.00	0.01	0.07	0.15	0.35
01:00	0.00	0.00	0.00	0.00	0.01	0.08	0.17	0.30
01:30	0.00	0.00	0.00	0.00	0.03	0.08	0.17	0.31
02:00	0.00	0.00	0.00	0.00	0.04	0.12	0.16	0.26
02:30	0.00	0.00	0.00	0.00	0.01	0.12	0.20	0.35
03:00	0.00	0.00	0.01	0.01	0.01	0.09	0.16	0.38
03:30	0.00	0.00	0.00	0.00	0.01	0.11	0.22	0.35
04:00	0.00	0.01	0.01	0.01	0.01	0.13	0.17	0.32
04:30	0.00	0.00	0.01	0.01	0.03	0.07	0.16	0.32
05:00	0.00	0.00	0.00	0.00	0.01	0.08	0.13	0.32
05:30	0.00	0.00	0.00	0.00	0.04	0.11	0.13	0.22
06:00	0.00	0.00	0.00	0.00	0.01	0.08	0.15	0.20
06:30	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.16
07:00	0.00	0.00	0.00	0.00	0.01	0.04	0.07	0.16
07:30	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.11
08:00	0.00	0.00	0.00	0.00	0.01	0.04	0.13	0.20
08:30	0.00	0.00	0.00	0.00	0.01	0.07	0.11	0.17
09:00	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.13
09:30	0.00	0.00	0.00	0.00	0.03	0.05	0.05	0.11
10:00	0.00	0.00	0.01	0.01	0.03	0.05	0.08	0.12
10:30	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.11
11:00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.07
11:30	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.08
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08
13:30	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.08
14:00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.11
14:30	0.00	0.00	0.00	0.00	0.00	0.04	0.12	0.13
15:00	0.00	0.00	0.00	0.00	0.01	0.03	0.08	0.16
15:30	0.00	0.00	0.00	0.00	0.04	0.07	0.11	0.15
16:00	0.00	0.00	0.00	0.00	0.05	0.08	0.09	0.15
16:30	0.00	0.00	0.00	0.00	0.03	0.07	0.11	0.16

17:00	0.00	0.00	0.00	0.00	0.01	0.04	0.08	0.15
17:30	0.00	0.00	0.00	0.01	0.01	0.05	0.07	0.16
18:00	0.00	0.00	0.01	0.01	0.04	0.07	0.11	0.15
18:30	0.00	0.00	0.00	0.00	0.03	0.07	0.08	0.12
19:00	0.00	0.00	0.00	0.00	0.01	0.05	0.08	0.16
19:30	0.00	0.00	0.00	0.00	0.01	0.05	0.07	0.17
20:00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.24
20:30	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.27
21:00	0.00	0.00	0.00	0.00	0.01	0.05	0.12	0.24
21:30	0.00	0.00	0.00	0.01	0.03	0.04	0.07	0.20
22:00	0.00	0.00	0.00	0.01	0.03	0.05	0.12	0.27
22:30	0.00	0.00	0.00	0.00	0.03	0.05	0.12	0.19
23:00	0.00	0.00	0.00	0.01	0.04	0.08	0.12	0.26
23:30	0.00	0.00	0.00	0.00	0.01	0.05	0.09	0.26
Mean	0.00	0.00	0.001	0.003	0.02	0.06	0.10	0.20

According to the climatological table of March the mean percentage of visibility values below 8,000 meters is 0.20%, correspondingly, the mean percentage of 99.80% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 600 meters is 0.001% (See climatological table of March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG      MONTH: APRIL      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7200      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07
00:30	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.11
01:00	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.14
01:30	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.10
02:00	0.01	0.01	0.01	0.01	0.01	0.04	0.06	0.10
02:30	0.01	0.03	0.03	0.03	0.04	0.06	0.08	0.11
03:00	0.01	0.01	0.01	0.03	0.03	0.06	0.07	0.11
03:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.11
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
05:00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.08
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07
06:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
10:00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
10:30	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03
11:00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.04
11:30	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.04
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
13:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
22:00	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.10
22:30	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.07
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
Mean	0.001	0.001	0.002	0.002	0.005	0.01	0.02	0.05

According to the climatological table of April the mean percentage of visibility values below 8,000 meters is 0.05%, correspondingly, the mean percentage of 99.95% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.001% (See climatological table of April, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG

MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N    LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
02:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
02:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
03:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
03:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
04:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
04:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Mean	0.00	0.00	0.00	0.00	0.00	0.002	0.003	0.02

According to the climatological table of May the mean percentage of visibility values below 8,000 meters is 0.02%, correspondingly, the mean percentage of 99.98% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 3,000 meters is 0.002% (See climatological table of May, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG      MONTH: JUNE      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7200      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

According to the climatological table of June the mean percentage of visibility values below 8,000 meters is 0.01%, correspondingly, the mean percentage of 99.99% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 8,000 meters is 0.01% (See climatological table of June, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG

MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.01

According to the climatological table of July the mean percentage of visibility values below 8,000 meters is 0.01%, correspondingly, the mean percentage of 99.99% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 5,000 meters is 0.001% (See climatological table of July, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG    MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N    LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT    MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.003

According to the climatological table of August the mean percentage of visibility values below 8,000 meters is 0.003%, correspondingly, the mean percentage of 99.997% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 5,000 meters is 0.001% (See climatological table of August, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS : 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
01:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
02:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
03:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.01

According to the climatological table of September the mean percentage of visibility values below 8,000 meters is 0.01%, correspondingly, the mean percentage of 99.99% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 5,000 meters is 0.001% (See climatological table of September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG    MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N    LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL:5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07
00:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09
01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.09
01:30	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.08
02:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.08
02:30	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.07
03:00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.09
03:30	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.12
04:00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.12
04:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.12
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
15:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04
16:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.08
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05

18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
19:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
21:00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
21:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.08
22:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.08
22:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.08
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.09
23:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09
Mean	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.05

According to the climatological table of October the mean percentage of visibility values below 8,000 meters is 0.05%, correspondingly, the mean percentage of 99.95% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 3,000 meters is 0.01% (See climatological table of October, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E

LEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.06	0.06	0.06	0.06	0.06	0.13	0.19	0.39
00:30	0.04	0.06	0.06	0.06	0.07	0.15	0.22	0.44
01:00	0.04	0.04	0.04	0.06	0.06	0.14	0.21	0.43
01:30	0.04	0.04	0.04	0.04	0.04	0.17	0.21	0.46
02:00	0.01	0.04	0.04	0.04	0.06	0.17	0.21	0.39
02:30	0.01	0.03	0.03	0.03	0.06	0.14	0.22	0.43
03:00	0.03	0.03	0.03	0.03	0.06	0.14	0.21	0.43
03:30	0.03	0.03	0.03	0.03	0.07	0.17	0.21	0.40
04:00	0.03	0.03	0.03	0.03	0.08	0.13	0.25	0.40
04:30	0.03	0.04	0.04	0.06	0.10	0.13	0.26	0.44
05:00	0.03	0.04	0.04	0.04	0.07	0.11	0.26	0.53
05:30	0.01	0.03	0.03	0.03	0.06	0.06	0.15	0.61
06:00	0.00	0.03	0.03	0.03	0.06	0.08	0.17	0.50
06:30	0.00	0.00	0.00	0.00	0.01	0.06	0.17	0.43
07:00	0.00	0.00	0.00	0.00	0.01	0.04	0.10	0.38
07:30	0.00	0.00	0.00	0.00	0.03	0.03	0.08	0.33
08:00	0.00	0.00	0.00	0.00	0.01	0.04	0.07	0.22
08:30	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.19
09:00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.17
09:30	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.10
10:00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.11
10:30	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07
11:00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.06
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
13:00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.08
13:30	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.13
14:00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.13
14:30	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.24
15:00	0.00	0.00	0.00	0.00	0.01	0.06	0.17	0.43
15:30	0.00	0.00	0.01	0.01	0.01	0.07	0.14	0.46
16:00	0.00	0.00	0.00	0.01	0.03	0.08	0.14	0.38
16:30	0.00	0.00	0.00	0.01	0.06	0.10	0.17	0.42
17:00	0.00	0.01	0.01	0.01	0.03	0.13	0.18	0.44
17:30	0.00	0.01	0.01	0.01	0.04	0.14	0.19	0.50
18:00	0.00	0.01	0.01	0.01	0.03	0.13	0.21	0.61

18:30	0.00	0.03	0.03	0.03	0.03	0.10	0.21	0.60
19:00	0.01	0.03	0.03	0.04	0.04	0.13	0.28	0.57
19:30	0.03	0.03	0.03	0.04	0.04	0.13	0.25	0.53
20:00	0.03	0.03	0.03	0.03	0.04	0.15	0.25	0.56
20:30	0.04	0.06	0.06	0.06	0.08	0.15	0.25	0.60
21:00	0.04	0.04	0.04	0.04	0.07	0.17	0.24	0.53
21:30	0.04	0.04	0.04	0.06	0.06	0.17	0.22	0.47
22:00	0.04	0.04	0.04	0.06	0.06	0.15	0.22	0.49
22:30	0.04	0.04	0.06	0.06	0.06	0.17	0.24	0.47
23:00	0.04	0.06	0.07	0.07	0.07	0.14	0.24	0.46
23:30	0.06	0.07	0.07	0.07	0.07	0.14	0.21	0.46
Mean	0.02	0.02	0.02	0.02	0.04	0.09	0.16	0.37

According to the climatological table of November the mean percentage of visibility values below 8,000 meters is 0.37%, correspondingly, the mean percentage of 99.63% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.02% (See climatological table of November, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL B**

#### TABULAR FORM

AERODROME: UDSG MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

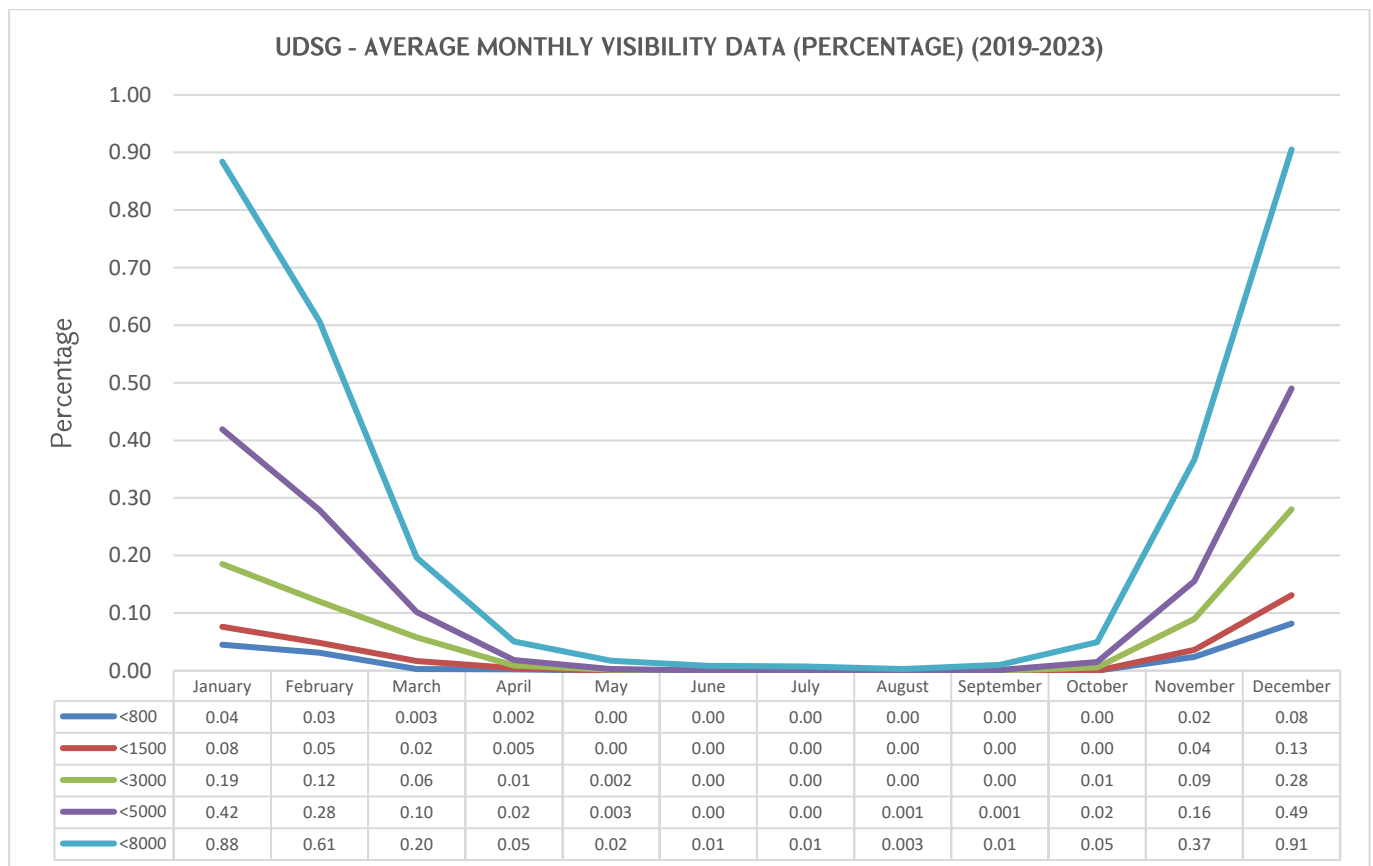
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
00:00	0.07	0.12	0.12	0.15	0.20	0.43	0.65	1.06
00:30	0.05	0.11	0.11	0.12	0.20	0.43	0.65	1.02
01:00	0.04	0.11	0.12	0.13	0.23	0.42	0.66	0.98
01:30	0.04	0.12	0.12	0.13	0.22	0.42	0.65	0.90
02:00	0.05	0.13	0.16	0.16	0.24	0.43	0.63	0.87
02:30	0.07	0.12	0.13	0.13	0.22	0.40	0.58	0.82
03:00	0.08	0.13	0.15	0.15	0.23	0.40	0.60	0.89
03:30	0.07	0.11	0.13	0.15	0.22	0.40	0.65	0.91
04:00	0.08	0.13	0.13	0.13	0.20	0.40	0.63	0.94
04:30	0.07	0.12	0.12	0.13	0.19	0.39	0.60	0.89
05:00	0.08	0.12	0.13	0.15	0.20	0.38	0.65	0.97
05:30	0.12	0.16	0.17	0.17	0.20	0.35	0.65	1.03
06:00	0.07	0.13	0.16	0.16	0.19	0.35	0.62	1.05
06:30	0.05	0.12	0.16	0.16	0.16	0.31	0.59	0.98
07:00	0.04	0.07	0.09	0.12	0.13	0.27	0.50	0.86
07:30	0.04	0.04	0.05	0.07	0.07	0.17	0.44	0.83
08:00	0.01	0.04	0.05	0.08	0.08	0.11	0.40	0.77
08:30	0.01	0.03	0.05	0.07	0.08	0.11	0.34	0.73
09:00	0.01	0.01	0.03	0.03	0.07	0.12	0.30	0.71
09:30	0.03	0.03	0.03	0.03	0.04	0.11	0.26	0.63
10:00	0.01	0.01	0.01	0.01	0.05	0.13	0.22	0.59
10:30	0.00	0.01	0.03	0.03	0.04	0.15	0.19	0.51
11:00	0.00	0.00	0.01	0.01	0.04	0.12	0.16	0.51
11:30	0.00	0.01	0.01	0.03	0.04	0.11	0.16	0.48
12:00	0.00	0.01	0.03	0.03	0.04	0.12	0.19	0.51
12:30	0.00	0.01	0.01	0.01	0.04	0.09	0.16	0.50
13:00	0.00	0.00	0.03	0.03	0.04	0.12	0.13	0.48
13:30	0.00	0.00	0.01	0.01	0.05	0.11	0.16	0.54
14:00	0.00	0.00	0.00	0.01	0.04	0.12	0.22	0.63
14:30	0.00	0.00	0.01	0.03	0.05	0.19	0.30	0.71
15:00	0.00	0.00	0.00	0.00	0.09	0.19	0.32	0.82
15:30	0.00	0.00	0.00	0.01	0.04	0.13	0.36	0.81
16:00	0.00	0.00	0.00	0.01	0.05	0.19	0.36	0.81
16:30	0.00	0.01	0.01	0.03	0.08	0.23	0.47	0.98
17:00	0.01	0.03	0.05	0.05	0.11	0.24	0.55	1.05
17:30	0.01	0.03	0.05	0.07	0.11	0.28	0.54	1.13
18:00	0.01	0.01	0.03	0.05	0.13	0.31	0.59	1.22
18:30	0.00	0.04	0.05	0.05	0.11	0.31	0.66	1.28
19:00	0.01	0.03	0.04	0.04	0.12	0.39	0.67	1.30
19:30	0.00	0.03	0.05	0.05	0.16	0.39	0.67	1.24
20:00	0.01	0.04	0.05	0.05	0.16	0.36	0.74	1.25

20:30	0.03	0.07	0.07	0.08	0.16	0.36	0.66	1.25
21:00	0.03	0.05	0.05	0.09	0.16	0.39	0.67	1.21
21:30	0.05	0.05	0.08	0.09	0.16	0.42	0.70	1.21
22:00	0.07	0.09	0.09	0.13	0.22	0.40	0.69	1.20
22:30	0.11	0.12	0.13	0.16	0.20	0.42	0.70	1.16
23:00	0.08	0.11	0.12	0.16	0.23	0.38	0.63	1.13
23:30	0.08	0.11	0.11	0.13	0.19	0.40	0.63	1.10
Mean	0.03	0.06	0.07	0.08	0.13	0.28	0.49	0.91

According to the climatological table of December the mean percentage of visibility values below 8,000 meters is 0.91%, correspondingly, the mean percentage of 99.09% constitutes the visibility values of 8,000 meters or above.

According to the climatological table, based on the statistical analysis, the occurrence probability of horizontal visibility values below 200 meters is 0.03% (See climatological table of December, Model B).





## 5.1.2 Ceiling

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL C

AERODROME: UDSG      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

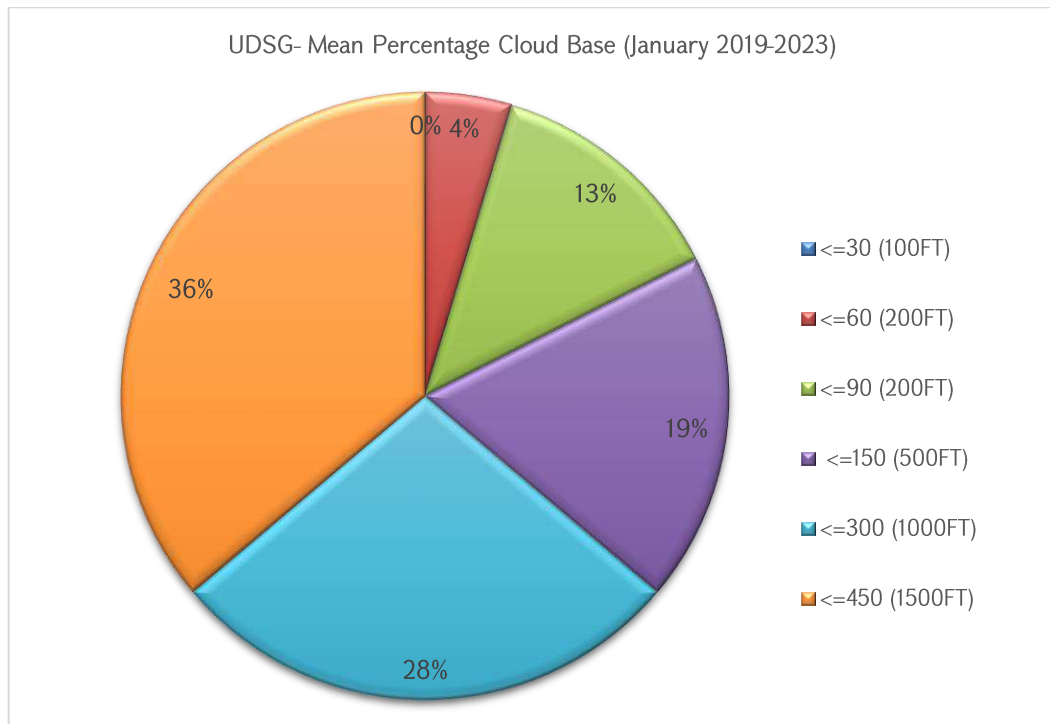
ELEVATION ABOVE MSL: 5000 FT    MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.04	0.04	0.04	0.05	0.12	0.13
00:30	0.04	0.04	0.04	0.07	0.12	0.13
01:00	0.04	0.04	0.04	0.07	0.12	0.13
01:30	0.04	0.04	0.04	0.07	0.12	0.13
02:00	0.03	0.03	0.04	0.07	0.12	0.13
02:30	0.01	0.03	0.03	0.05	0.09	0.13
03:00	0.01	0.03	0.04	0.07	0.12	0.16
03:30	0.01	0.04	0.09	0.11	0.15	0.22
04:00	0.01	0.05	0.09	0.11	0.19	0.23
04:30	0.03	0.09	0.13	0.15	0.24	0.26
05:00	0.05	0.09	0.13	0.15	0.24	0.26
05:30	0.04	0.08	0.13	0.15	0.22	0.23
06:00	0.03	0.07	0.11	0.13	0.20	0.23
06:30	0.03	0.08	0.09	0.13	0.20	0.24
07:00	0.03	0.08	0.09	0.12	0.19	0.23
07:30	0.01	0.05	0.09	0.11	0.15	0.20
08:00	0.01	0.03	0.05	0.07	0.12	0.16
08:30	0.00	0.01	0.01	0.05	0.09	0.12
09:00	0.00	0.00	0.00	0.03	0.08	0.09
09:30	0.00	0.00	0.01	0.01	0.07	0.07
10:00	0.00	0.00	0.00	0.01	0.08	0.08
10:30	0.00	0.00	0.00	0.01	0.08	0.11
11:00	0.00	0.00	0.00	0.01	0.05	0.08
11:30	0.00	0.00	0.00	0.01	0.07	0.09
12:00	0.00	0.00	0.00	0.00	0.05	0.07
12:30	0.00	0.00	0.00	0.01	0.04	0.05
13:00	0.00	0.00	0.00	0.01	0.04	0.05
13:30	0.00	0.00	0.00	0.01	0.04	0.05
14:00	0.00	0.00	0.00	0.00	0.04	0.07
14:30	0.00	0.00	0.00	0.01	0.03	0.04
15:00	0.00	0.00	0.00	0.01	0.03	0.04
15:30	0.00	0.00	0.01	0.01	0.03	0.04

16:00	0.00	0.01	0.01	0.03	0.07	0.08
16:30	0.00	0.00	0.03	0.04	0.05	0.08
17:00	0.00	0.00	0.00	0.05	0.07	0.09
17:30	0.00	0.00	0.00	0.04	0.07	0.09
18:00	0.00	0.00	0.01	0.05	0.07	0.09
18:30	0.00	0.00	0.01	0.05	0.05	0.09
19:00	0.00	0.00	0.01	0.05	0.07	0.11
19:30	0.00	0.00	0.03	0.05	0.08	0.13
20:00	0.01	0.03	0.04	0.08	0.11	0.12
20:30	0.01	0.03	0.03	0.05	0.09	0.09
21:00	0.01	0.03	0.03	0.05	0.11	0.12
21:30	0.01	0.03	0.03	0.05	0.11	0.11
22:00	0.01	0.03	0.03	0.04	0.09	0.09
22:30	0.03	0.03	0.03	0.04	0.08	0.08
23:00	0.03	0.03	0.03	0.05	0.09	0.09
23:30	0.04	0.04	0.04	0.05	0.11	0.12
MEAN	0.01	0.02	0.04	0.06	0.10	0.12

In January, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.88% of the total amount of occurrences (See climatological table of January, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of January, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL C

#### TABULAR FORM

AERODROME: UDSG

MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

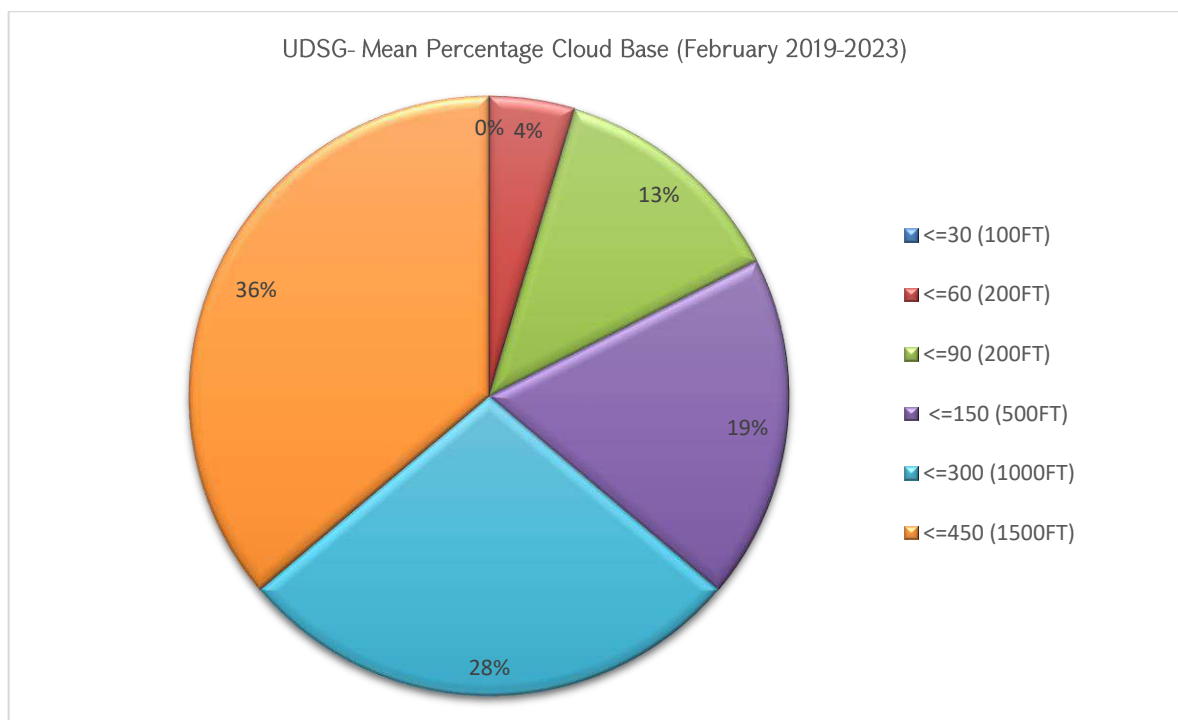
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.01	0.03	0.03	0.03
00:30	0.00	0.00	0.03	0.04	0.04	0.04
01:00	0.00	0.00	0.03	0.04	0.04	0.04
01:30	0.00	0.01	0.03	0.04	0.06	0.06
02:00	0.00	0.01	0.04	0.07	0.07	0.09
02:30	0.00	0.01	0.03	0.07	0.07	0.09
03:00	0.00	0.01	0.03	0.06	0.09	0.10
03:30	0.00	0.01	0.03	0.06	0.06	0.10
04:00	0.00	0.01	0.03	0.06	0.07	0.10
04:30	0.00	0.03	0.04	0.07	0.10	0.13
05:00	0.00	0.03	0.04	0.07	0.09	0.10
05:30	0.00	0.03	0.04	0.07	0.09	0.10
06:00	0.00	0.03	0.06	0.07	0.07	0.12
06:30	0.00	0.03	0.04	0.04	0.04	0.10
07:00	0.00	0.01	0.04	0.04	0.07	0.10
07:30	0.00	0.01	0.04	0.04	0.06	0.07
08:00	0.00	0.01	0.03	0.04	0.09	0.12
08:30	0.00	0.00	0.00	0.00	0.06	0.09
09:00	0.00	0.00	0.00	0.00	0.04	0.06
09:30	0.00	0.00	0.00	0.00	0.01	0.04
10:00	0.00	0.00	0.00	0.00	0.03	0.06
10:30	0.00	0.00	0.00	0.00	0.01	0.03
11:00	0.00	0.00	0.00	0.00	0.01	0.01
11:30	0.00	0.00	0.00	0.00	0.04	0.04
12:00	0.00	0.00	0.00	0.01	0.06	0.06
12:30	0.00	0.00	0.00	0.01	0.06	0.06
13:00	0.00	0.00	0.01	0.03	0.04	0.06
13:30	0.00	0.00	0.03	0.03	0.06	0.07
14:00	0.00	0.00	0.03	0.03	0.04	0.10
14:30	0.00	0.00	0.01	0.03	0.04	0.07
15:00	0.00	0.01	0.01	0.01	0.03	0.03
15:30	0.00	0.01	0.01	0.01	0.03	0.03
16:00	0.00	0.01	0.01	0.01	0.03	0.03

16:30	0.00	0.01	0.01	0.01	0.03	0.04
17:00	0.00	0.01	0.01	0.01	0.03	0.04
17:30	0.00	0.01	0.01	0.01	0.04	0.04
18:00	0.00	0.00	0.01	0.01	0.03	0.04
18:30	0.00	0.00	0.01	0.01	0.03	0.04
19:00	0.00	0.00	0.01	0.01	0.01	0.01
19:30	0.00	0.00	0.01	0.01	0.01	0.03
20:00	0.00	0.00	0.01	0.03	0.03	0.04
20:30	0.00	0.00	0.03	0.03	0.03	0.03
21:00	0.00	0.00	0.03	0.03	0.03	0.03
21:30	0.00	0.00	0.03	0.03	0.03	0.03
22:00	0.00	0.00	0.03	0.03	0.03	0.03
22:30	0.00	0.00	0.01	0.03	0.03	0.03
23:00	0.00	0.00	0.01	0.03	0.03	0.03
23:30	0.00	0.00	0.01	0.03	0.03	0.03
MEAN	0.00	0.01	0.02	0.03	0.05	0.06

In February, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.94% of the total amount of occurrences (See climatological table of February, Model C).

Five year observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 200 feet and below (cloud amount BKN and OVC) (see climatological table of February, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL C**

**TABULAR FORM**

AERODROME: UDSG

MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

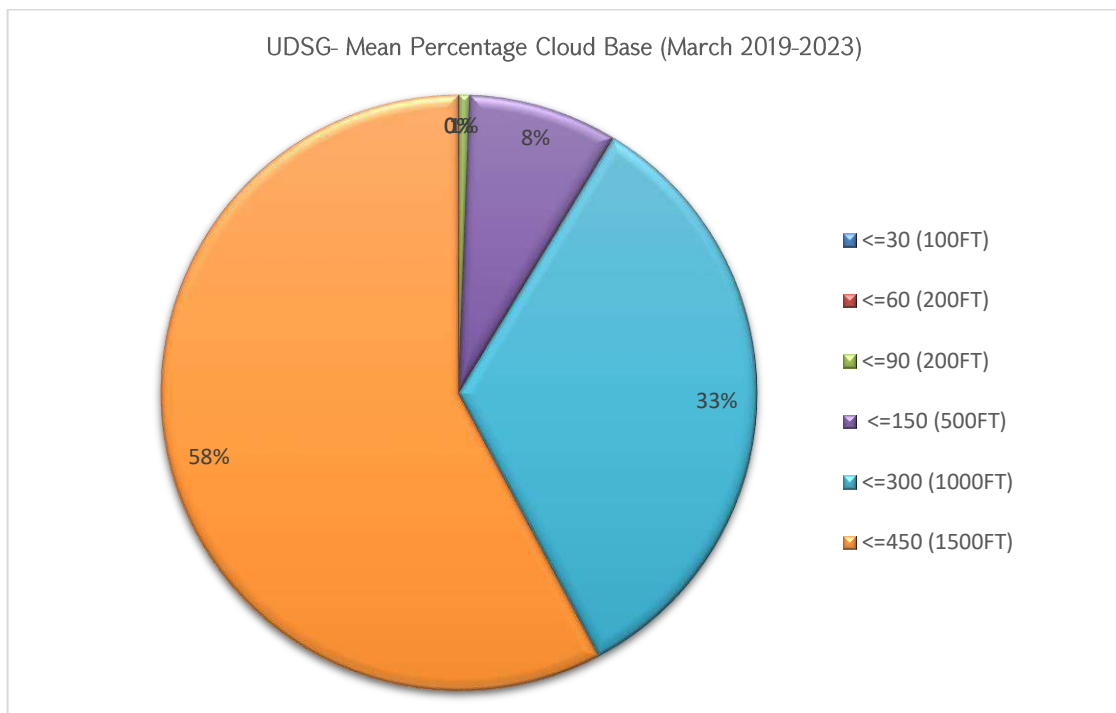
FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.01	0.03	0.04
00:30	0.00	0.00	0.00	0.01	0.03	0.05
01:00	0.00	0.00	0.00	0.01	0.04	0.07
01:30	0.00	0.00	0.00	0.01	0.04	0.07
02:00	0.00	0.00	0.00	0.01	0.04	0.07
02:30	0.00	0.00	0.00	0.01	0.04	0.07
03:00	0.00	0.00	0.00	0.00	0.04	0.07
03:30	0.00	0.00	0.00	0.00	0.05	0.05
04:00	0.00	0.00	0.00	0.00	0.07	0.08
04:30	0.00	0.00	0.00	0.00	0.05	0.11
05:00	0.00	0.00	0.01	0.01	0.05	0.11
05:30	0.00	0.00	0.00	0.01	0.05	0.09
06:00	0.00	0.00	0.00	0.01	0.03	0.09
06:30	0.00	0.00	0.00	0.01	0.03	0.07
07:00	0.00	0.00	0.00	0.00	0.04	0.05
07:30	0.00	0.00	0.00	0.00	0.03	0.07
08:00	0.00	0.00	0.00	0.00	0.03	0.07
08:30	0.00	0.00	0.00	0.00	0.03	0.07
09:00	0.00	0.00	0.00	0.00	0.03	0.05
09:30	0.00	0.00	0.00	0.00	0.01	0.04
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.03
11:00	0.00	0.00	0.00	0.00	0.01	0.04
11:30	0.00	0.00	0.00	0.00	0.00	0.03
12:00	0.00	0.00	0.00	0.00	0.01	0.04
12:30	0.00	0.00	0.00	0.00	0.01	0.01
13:00	0.00	0.00	0.00	0.00	0.01	0.03
13:30	0.00	0.00	0.00	0.00	0.00	0.03
14:00	0.00	0.00	0.00	0.00	0.01	0.03
14:30	0.00	0.00	0.00	0.00	0.01	0.03
15:00	0.00	0.00	0.00	0.00	0.03	0.07
15:30	0.00	0.00	0.01	0.01	0.04	0.07

16:00	0.00	0.00	0.00	0.01	0.04	0.08
16:30	0.00	0.00	0.00	0.01	0.03	0.07
17:00	0.00	0.00	0.00	0.01	0.03	0.04
17:30	0.00	0.00	0.00	0.01	0.03	0.04
18:00	0.00	0.00	0.00	0.01	0.05	0.05
18:30	0.00	0.00	0.00	0.01	0.05	0.05
19:00	0.00	0.00	0.00	0.01	0.05	0.05
19:30	0.00	0.00	0.00	0.01	0.04	0.05
20:00	0.00	0.00	0.00	0.01	0.04	0.04
20:30	0.00	0.00	0.00	0.01	0.04	0.04
21:00	0.00	0.00	0.00	0.01	0.04	0.04
21:30	0.00	0.00	0.00	0.01	0.03	0.04
22:00	0.00	0.00	0.00	0.01	0.03	0.04
22:30	0.00	0.00	0.00	0.01	0.03	0.04
23:00	0.00	0.00	0.00	0.01	0.04	0.07
23:30	0.00	0.00	0.00	0.01	0.04	0.07
MEAN	0.00	0.00	0.00	0.01	0.03	0.05

In March, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.95% of the total amount of occurrences (See climatological table of March, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 500 feet and below (cloud amount BKN and OVC) (see climatological table of March, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL C**

#### TABULAR FORM

AERODROME: UDSG      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

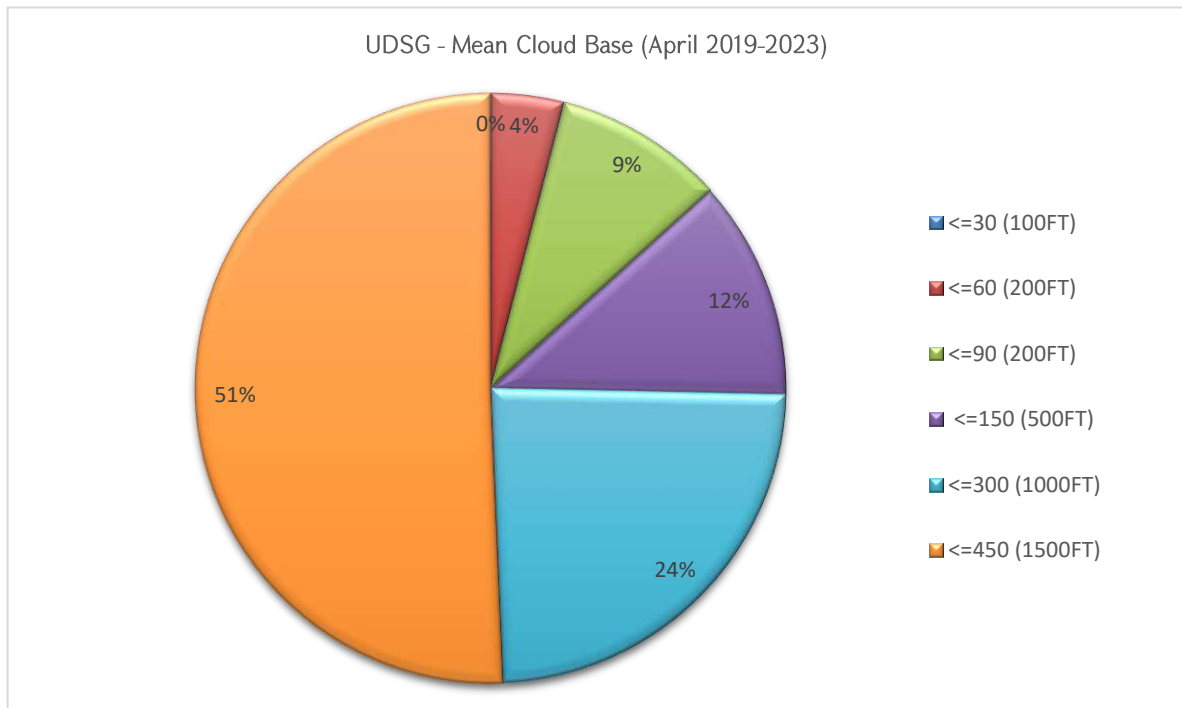
ELEVATION ABOVE MSL: 5000 FT    MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.01	0.01	0.01	0.01
01:30	0.00	0.00	0.01	0.01	0.01	0.01
02:00	0.00	0.01	0.01	0.01	0.01	0.01
02:30	0.00	0.01	0.01	0.01	0.03	0.03
03:00	0.00	0.01	0.01	0.01	0.03	0.03
03:30	0.00	0.00	0.00	0.00	0.01	0.03
04:00	0.00	0.00	0.00	0.00	0.03	0.04
04:30	0.00	0.00	0.00	0.00	0.03	0.03
05:00	0.00	0.00	0.01	0.01	0.01	0.01
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.01
06:30	0.00	0.00	0.00	0.00	0.00	0.01
07:00	0.00	0.00	0.00	0.00	0.00	0.01
07:30	0.00	0.00	0.00	0.00	0.00	0.01
08:00	0.00	0.00	0.00	0.00	0.00	0.03
08:30	0.00	0.00	0.00	0.00	0.00	0.03
09:00	0.00	0.00	0.00	0.00	0.00	0.03
09:30	0.00	0.00	0.00	0.01	0.01	0.03
10:00	0.00	0.00	0.00	0.01	0.01	0.03
10:30	0.00	0.00	0.00	0.00	0.01	0.03
11:00	0.00	0.00	0.00	0.00	0.01	0.03
11:30	0.00	0.00	0.01	0.01	0.01	0.01
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00

16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.01
18:30	0.00	0.00	0.00	0.00	0.00	0.01
19:00	0.00	0.00	0.00	0.00	0.00	0.01
19:30	0.00	0.00	0.00	0.00	0.00	0.01
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.01	0.01

In April, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.99% of the total amount of occurrences (See climatological table of April, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 1,000 feet and below (cloud amount BKN and OVC) (see climatological table of April, Model C).





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL C**

**TABULAR FORM**

AERODROME: UDSG

MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

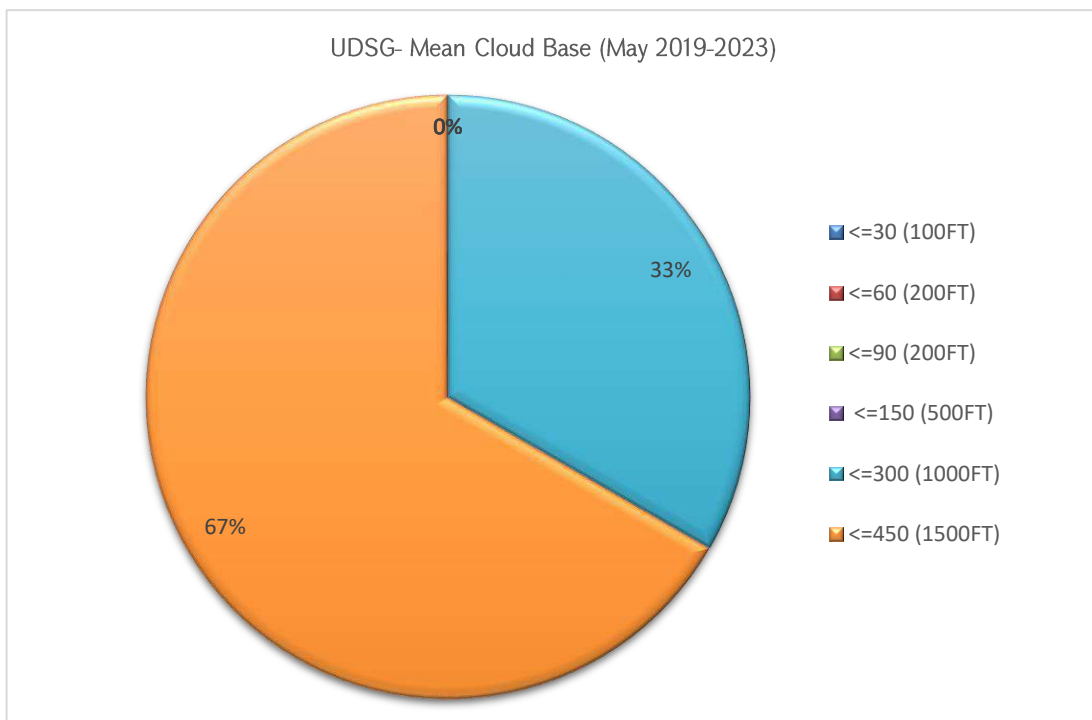
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.01
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.01	0.01
12:00	0.00	0.00	0.00	0.00	0.01	0.01
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00

16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.001	0.001

In May, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.999% of the total amount of occurrences (See climatological table of May, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.001% of minimum cloud height of 1,000 feet and below (cloud amount BKN and OVC) (see climatological table of May, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL C**

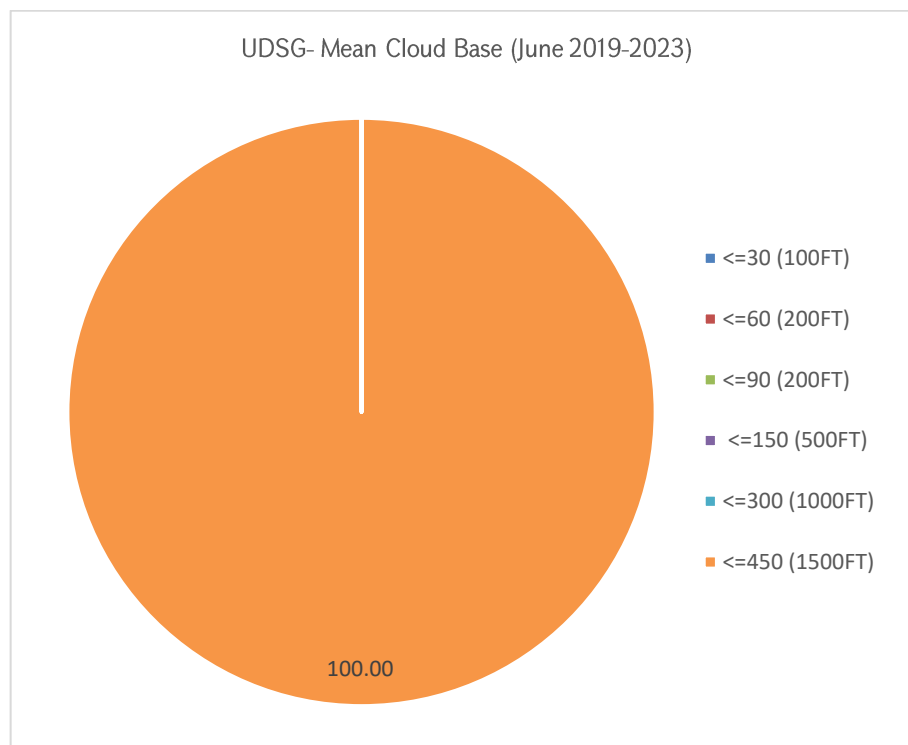
**TABULAR FORM**

AERODROME: UDSG                      MONTH: JUNE    PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7200    OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N                      LONGITUDE: 043 51 34E    ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00

16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In June, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of July, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL C**

**TABULAR FORM**

AERODROME: UDSG

MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

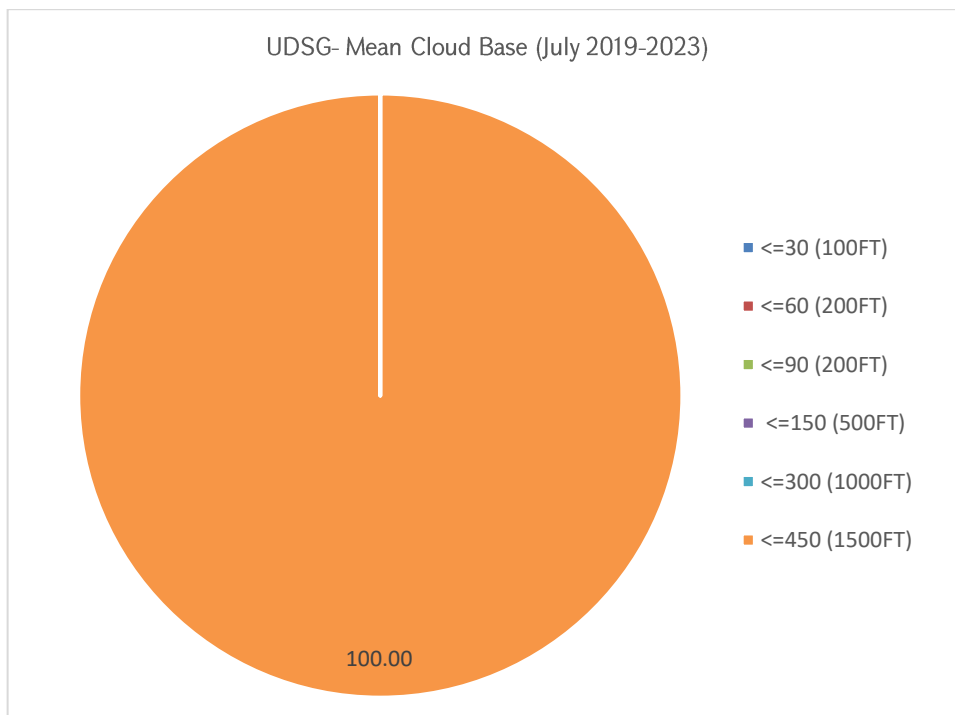
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00

16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In July, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of July, Model C).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL C**

AERODROME: UDSG      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

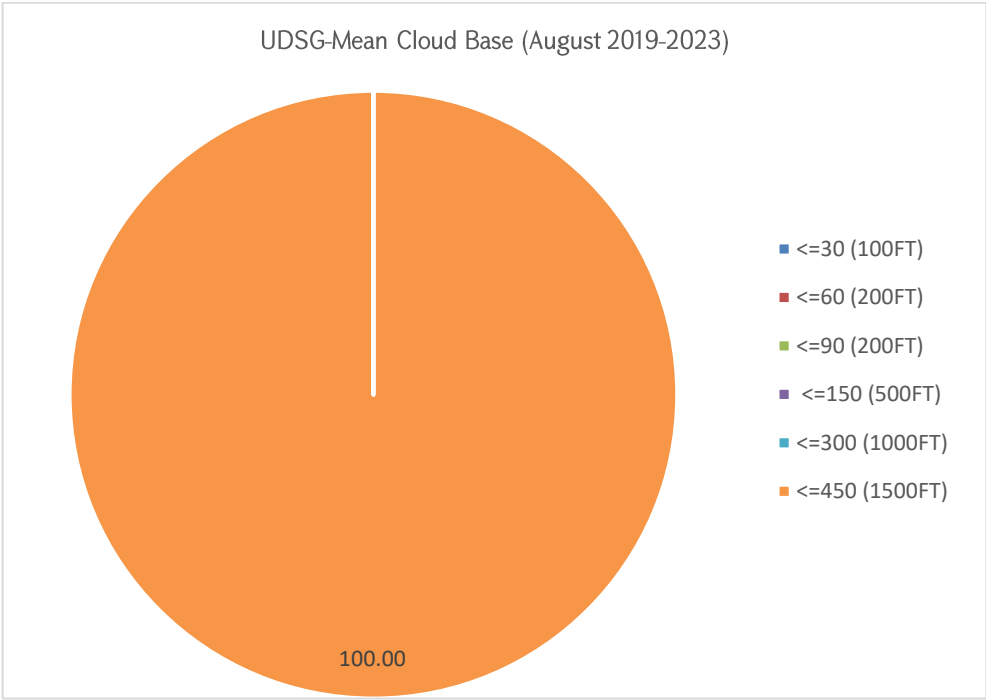
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In August, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of August, Model C).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL C**

#### TABULAR FORM

AERODROME: UDSG

MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

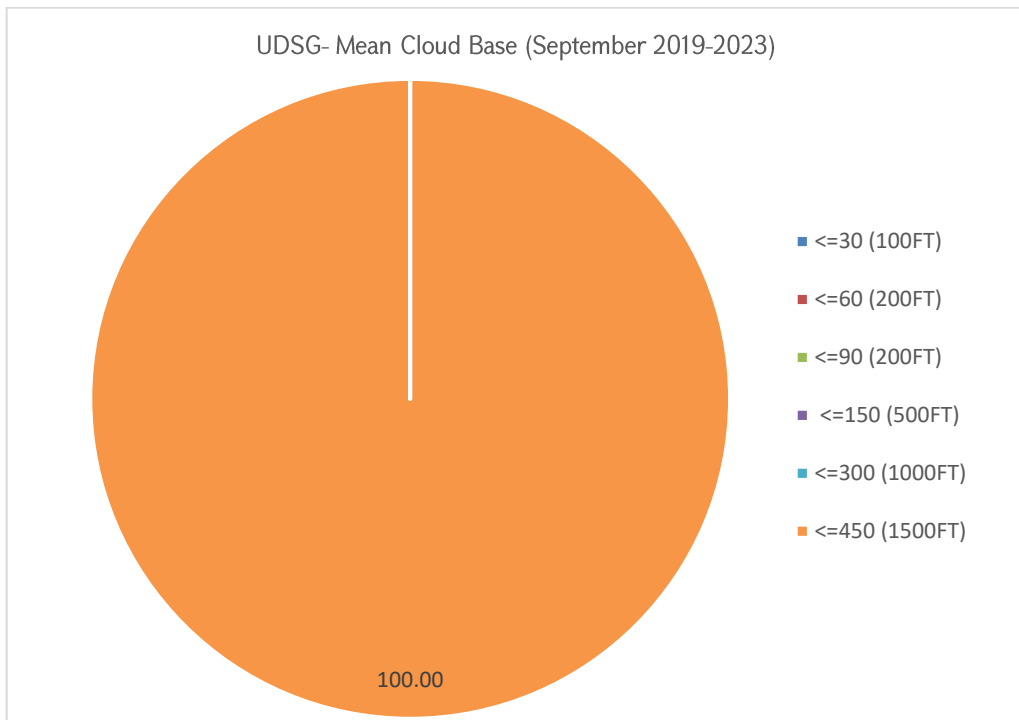
LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.01
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00

In September, the mean percentage of cloud ceiling recorded above 1,500 feet is 100% of the total amount of occurrences (See climatological table of September, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL C**

#### TABULAR FORM

AERODROME: UDSG

MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

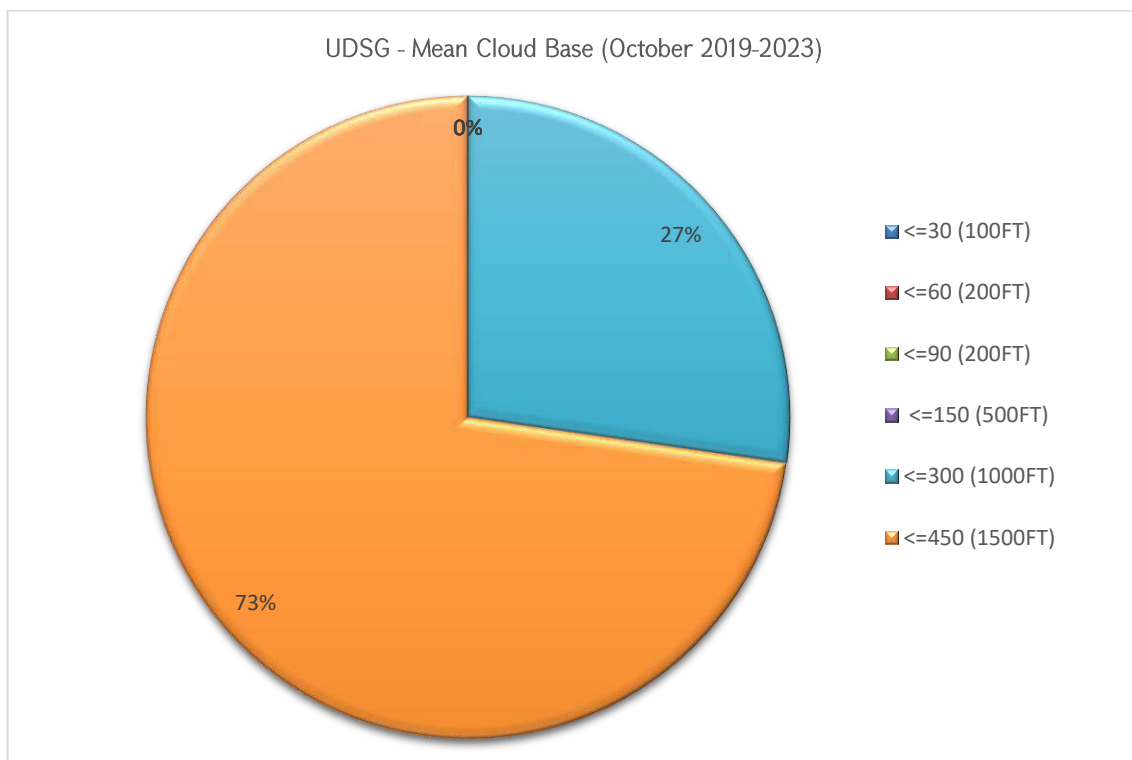
FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.01
04:00	0.00	0.00	0.00	0.00	0.00	0.01
04:30	0.00	0.00	0.00	0.00	0.00	0.01
05:00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.01
11:30	0.00	0.00	0.00	0.00	0.01	0.01
12:00	0.00	0.00	0.00	0.00	0.01	0.01
12:30	0.00	0.00	0.00	0.00	0.01	0.01
13:00	0.00	0.00	0.00	0.00	0.00	0.01
13:30	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00

16:30	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.001	0.002

In October, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.998% of the total amount of occurrences (See climatological table of October, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.001% of minimum cloud height of 1,000 feet and below (cloud amount BKN and OVC) (see climatological table of October, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL C**

#### TABULAR FORM

AERODROME: UDSG      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

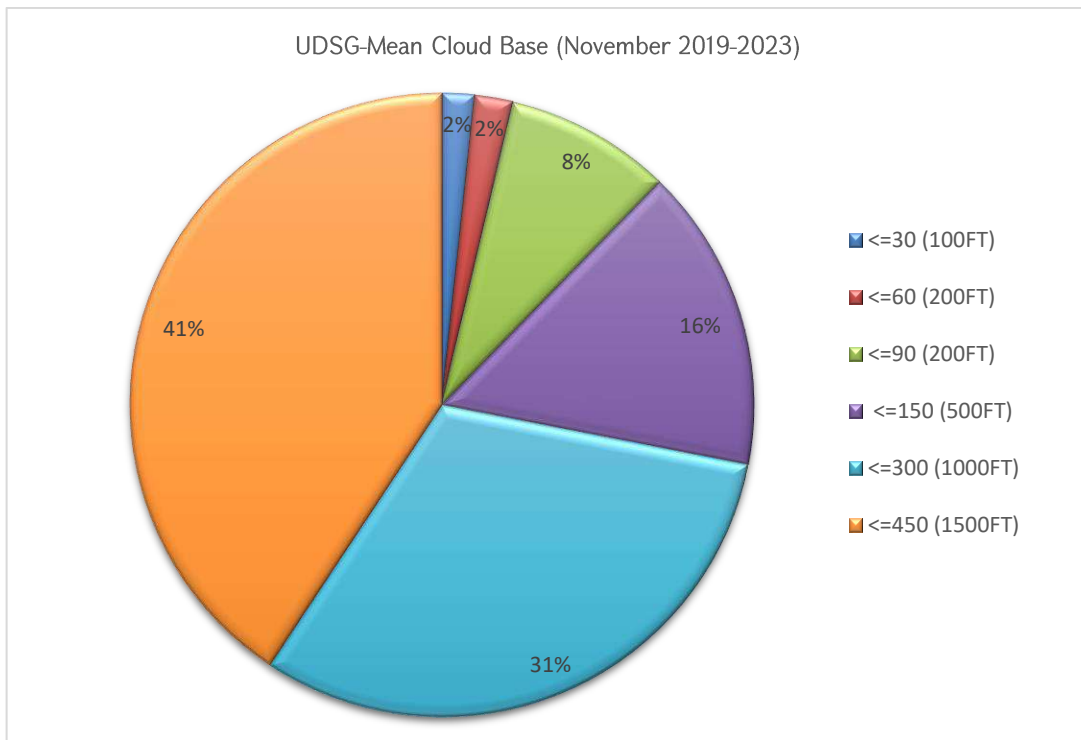
FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.01	0.01	0.03	0.06	0.07	0.10
00:30	0.01	0.01	0.03	0.06	0.07	0.11
01:00	0.01	0.01	0.03	0.04	0.07	0.10
01:30	0.01	0.01	0.03	0.04	0.07	0.10
02:00	0.01	0.01	0.03	0.04	0.07	0.08
02:30	0.00	0.00	0.03	0.04	0.07	0.08
03:00	0.00	0.00	0.01	0.04	0.07	0.10
03:30	0.00	0.00	0.01	0.03	0.07	0.10
04:00	0.00	0.00	0.03	0.04	0.07	0.10
04:30	0.00	0.01	0.06	0.07	0.08	0.11
05:00	0.01	0.01	0.06	0.07	0.10	0.13
05:30	0.01	0.01	0.04	0.06	0.06	0.10
06:00	0.01	0.01	0.03	0.04	0.06	0.11
06:30	0.00	0.00	0.00	0.03	0.04	0.08
07:00	0.00	0.00	0.00	0.03	0.06	0.08
07:30	0.00	0.00	0.00	0.01	0.06	0.07
08:00	0.00	0.00	0.00	0.00	0.04	0.06
08:30	0.00	0.00	0.00	0.00	0.04	0.04
09:00	0.00	0.00	0.00	0.01	0.06	0.06
09:30	0.00	0.00	0.00	0.01	0.04	0.06
10:00	0.00	0.00	0.00	0.00	0.03	0.04
10:30	0.00	0.00	0.00	0.00	0.01	0.03
11:00	0.00	0.00	0.00	0.00	0.01	0.03
11:30	0.00	0.00	0.00	0.00	0.00	0.03
12:00	0.00	0.00	0.00	0.00	0.01	0.03
12:30	0.00	0.00	0.00	0.00	0.03	0.03
13:00	0.00	0.00	0.00	0.00	0.03	0.03
13:30	0.00	0.00	0.00	0.00	0.03	0.03
14:00	0.00	0.00	0.00	0.00	0.03	0.03
14:30	0.00	0.00	0.00	0.00	0.03	0.04
15:00	0.00	0.00	0.00	0.01	0.04	0.04
15:30	0.00	0.00	0.00	0.01	0.04	0.04

16:00	0.00	0.01	0.01	0.01	0.04	0.06
16:30	0.00	0.00	0.00	0.03	0.06	0.06
17:00	0.00	0.00	0.00	0.03	0.07	0.07
17:30	0.00	0.00	0.00	0.03	0.07	0.07
18:00	0.00	0.00	0.00	0.03	0.06	0.06
18:30	0.00	0.00	0.00	0.01	0.06	0.06
19:00	0.00	0.00	0.01	0.01	0.06	0.06
19:30	0.00	0.00	0.04	0.04	0.07	0.07
20:00	0.00	0.00	0.03	0.04	0.07	0.08
20:30	0.00	0.00	0.03	0.06	0.07	0.08
21:00	0.00	0.00	0.03	0.06	0.07	0.08
21:30	0.00	0.00	0.03	0.04	0.07	0.10
22:00	0.00	0.00	0.03	0.04	0.07	0.10
22:30	0.00	0.00	0.03	0.03	0.08	0.11
23:00	0.01	0.01	0.04	0.06	0.08	0.11
23:30	0.01	0.01	0.04	0.06	0.08	0.11
MEAN	0.003	0.003	0.02	0.03	0.05	0.07

In November, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.993% of the total amount of occurrences (See climatological table of November, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.003% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of November, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

**MODEL C**

#### TABULAR FORM

AERODROME: UDSG      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E

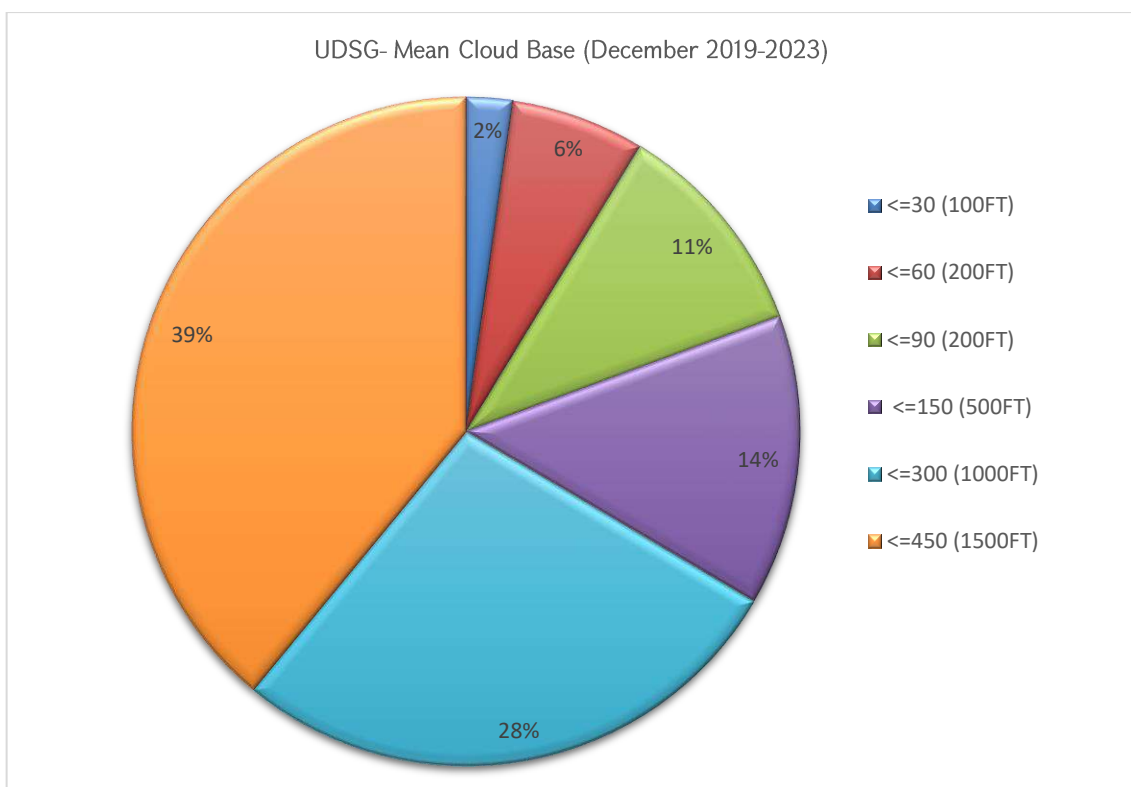
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METERS/FEET) OF THE LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES						
TIME (UTC)	Hs					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
00:00	0.01	0.05	0.08	0.11	0.26	0.28
00:30	0.00	0.05	0.08	0.12	0.27	0.30
01:00	0.00	0.05	0.08	0.12	0.27	0.30
01:30	0.00	0.05	0.08	0.12	0.26	0.28
02:00	0.01	0.05	0.09	0.11	0.26	0.30
02:30	0.01	0.05	0.09	0.11	0.24	0.30
03:00	0.01	0.05	0.15	0.16	0.28	0.32
03:30	0.00	0.05	0.15	0.17	0.30	0.34
04:00	0.03	0.07	0.12	0.15	0.26	0.31
04:30	0.04	0.07	0.11	0.16	0.23	0.28
05:00	0.04	0.08	0.13	0.16	0.23	0.30
05:30	0.05	0.12	0.16	0.17	0.27	0.34
06:00	0.05	0.09	0.13	0.15	0.24	0.31
06:30	0.04	0.08	0.13	0.15	0.23	0.27
07:00	0.04	0.05	0.13	0.15	0.20	0.27
07:30	0.03	0.04	0.08	0.09	0.17	0.27
08:00	0.03	0.04	0.07	0.11	0.16	0.26
08:30	0.01	0.04	0.08	0.08	0.16	0.23
09:00	0.01	0.04	0.05	0.05	0.12	0.19
09:30	0.01	0.03	0.04	0.04	0.09	0.16
10:00	0.01	0.01	0.03	0.03	0.08	0.15
10:30	0.01	0.01	0.03	0.03	0.09	0.16
11:00	0.00	0.01	0.03	0.03	0.08	0.13
11:30	0.00	0.01	0.03	0.03	0.07	0.12
12:00	0.00	0.01	0.03	0.03	0.05	0.11
12:30	0.00	0.01	0.03	0.03	0.05	0.13
13:00	0.00	0.01	0.01	0.04	0.07	0.15
13:30	0.00	0.00	0.00	0.03	0.05	0.13
14:00	0.00	0.00	0.01	0.04	0.07	0.13
14:30	0.00	0.01	0.01	0.04	0.09	0.16
15:00	0.00	0.00	0.01	0.04	0.09	0.17
15:30	0.00	0.00	0.01	0.04	0.08	0.16

16:00	0.00	0.00	0.01	0.04	0.08	0.16
16:30	0.01	0.01	0.03	0.05	0.11	0.17
17:00	0.01	0.03	0.04	0.05	0.09	0.19
17:30	0.01	0.03	0.04	0.05	0.11	0.22
18:00	0.01	0.03	0.05	0.05	0.09	0.23
18:30	0.00	0.03	0.04	0.07	0.11	0.24
19:00	0.00	0.03	0.04	0.07	0.11	0.24
19:30	0.00	0.03	0.03	0.07	0.15	0.26
20:00	0.01	0.03	0.03	0.05	0.13	0.23
20:30	0.01	0.03	0.04	0.07	0.13	0.20
21:00	0.01	0.04	0.04	0.05	0.12	0.20
21:30	0.01	0.04	0.04	0.07	0.19	0.24
22:00	0.01	0.05	0.07	0.09	0.20	0.26
22:30	0.01	0.05	0.08	0.11	0.23	0.28
23:00	0.01	0.05	0.07	0.09	0.24	0.28
23:30	0.01	0.05	0.07	0.08	0.24	0.26
MEAN	0.01	0.04	0.06	0.08	0.16	0.23

In December, the mean percentage of cloud ceiling recorded above 1,500 feet is 99.77% of the total amount of occurrences (See climatological table of December, Model C).

Five years observation data on clouds revealed average occurrence probability of 0.01% of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of December, Model C).





## 5.2 Wind Speed and Direction

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UDSG MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												31.34
VARIABLE	11.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.08
35 - 36 - 01	1.75	0.70	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93
02 - 03 - 04	6.10	0.30	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44
05 - 06 - 07	9.96	0.58	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63
08 - 09 - 10	5.11	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.42
11 - 12 - 13	3.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13
14 - 15 - 16	1.59	0.08	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	1.72
17 - 18 - 19	1.92	0.22	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41
20 - 21 - 22	5.87	0.67	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75
23 - 24 - 25	5.90	1.01	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14
26 - 27 - 28	4.21	0.60	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.93
29 - 30 - 31	2.65	0.36	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10
32 - 33 - 34	1.64	0.89	0.30	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.98
TOTAL	60.85	5.77	1.76	0.26	0.03	0.00	0.00	0.00	0.00	0.00	0.00	100.00

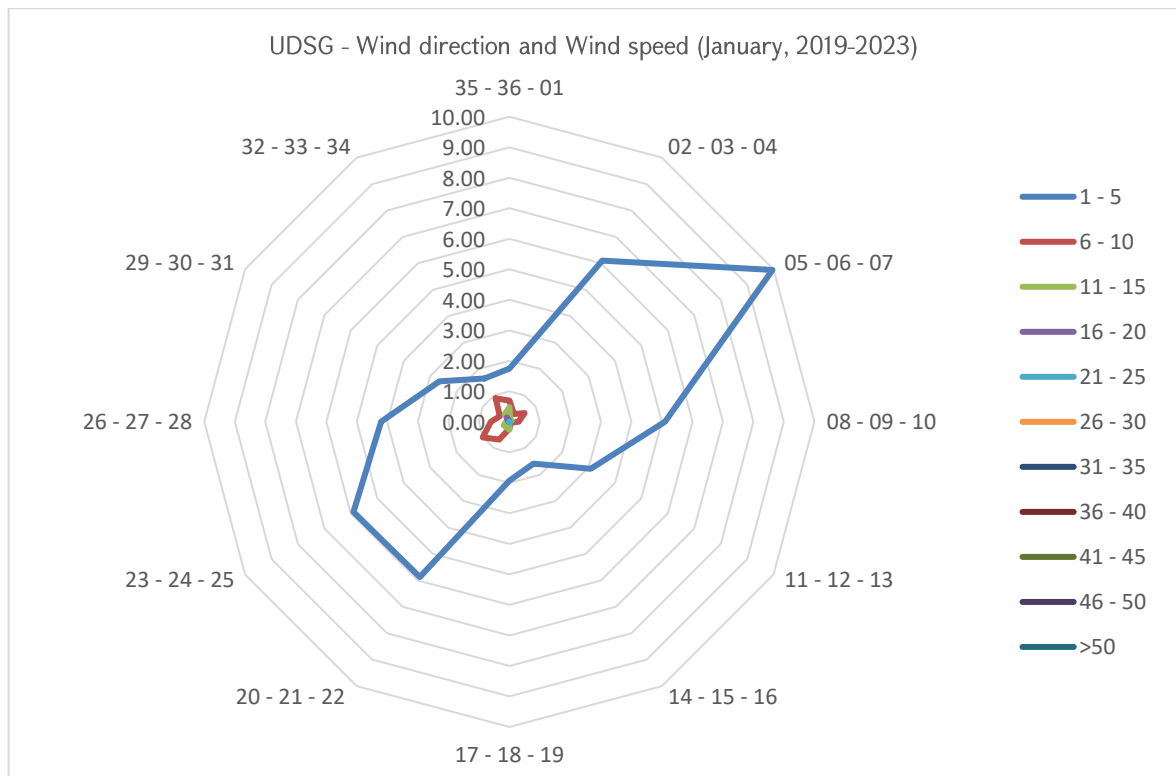
**CALM: 31.34%**

**VARIABLE: 11.08%**

The prevailing wind directions of 050° - 070° frequency of occurrence is 10.63%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 60.85%).

The maximum wind of 21-25 knots is observed within the 140°-160° sector (frequency of occurrence 0.03%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												22.59
VARIABLE	11.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.84
35 - 36 - 01	2.64	1.43	0.71	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.86
02 - 03 - 04	5.05	0.58	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.81
05 - 06 - 07	8.13	0.50	0.24	0.18	0.044	0.00	0.00	0.00	0.00	0.00	0.00	9.09
08 - 09 - 10	5.41	0.41	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.85
11 - 12 - 13	4.14	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.30
14 - 15 - 16	2.35	0.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54
17 - 18 - 19	2.32	0.87	1.15	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92
20 - 21 - 22	4.37	1.02	0.55	0.16	0.044	0.00	0.00	0.00	0.00	0.00	0.00	6.15
23 - 24 - 25	4.57	1.71	0.34	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.65
26 - 27 - 28	4.67	1.43	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47
29 - 30 - 31	2.81	0.99	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95
32 - 33 - 34	2.53	1.83	0.44	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.99
TOTAL	60.82	11.05	4.18	1.27	0.09	0.00	0.00	0.00	0.00	0.00	0.00	100.00

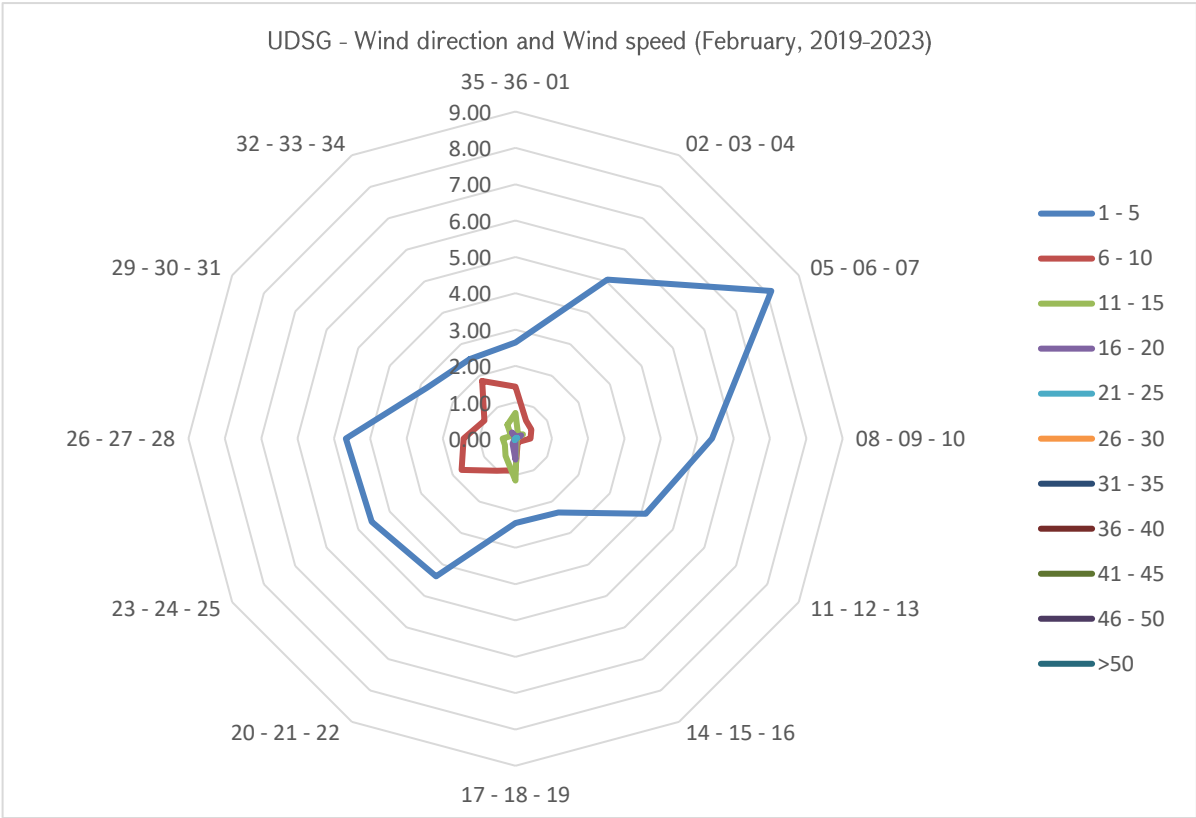
**CALM: 22.59%**

**VARIABLE: 11.84%**

The prevailing wind directions of 050° - 070° frequency of occurrence is 9.09%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 60.82%).

The maximum wind of 21-25 knots is observed within the 050° - 070° and 200° - 220° sectors (frequency of occurrence 0.09%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: MARCH

PERIOD OF RECORD:2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												11.87
VARIABLE	11.68	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.76
35 - 36 - 01	3.44	2.33	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44
02 - 03 - 04	4.78	1.32	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44
05 - 06 - 07	4.93	2.18	2.67	2.94	1.57	0.66	0.15	0.01	0.00	0.00	0.00	15.12
08 - 09 - 10	3.24	0.70	0.35	0.09	0.04	0.05	0.00	0.00	0.00	0.00	0.00	4.48
11 - 12 - 13	2.45	0.31	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.78
14 - 15 - 16	1.51	0.32	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94
17 - 18 - 19	2.20	1.20	1.47	0.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	5.48
20 - 21 - 22	4.81	2.90	0.95	0.48	0.19	0.15	0.00	0.00	0.00	0.00	0.00	9.49
23 - 24 - 25	4.68	2.62	0.62	0.20	0.08	0.00	0.00	0.00	0.00	0.00	0.01	8.21
26 - 27 - 28	3.86	1.53	0.52	0.17	0.08	0.01	0.00	0.00	0.00	0.00	0.00	6.18
29 - 30 - 31	3.05	0.83	0.30	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.30
32 - 33 - 34	2.82	1.73	0.73	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.51
TOTAL	53.45	18.04	8.64	4.92	2.03	0.87	0.15	0.01	0.00	0.00	0.01	100.00

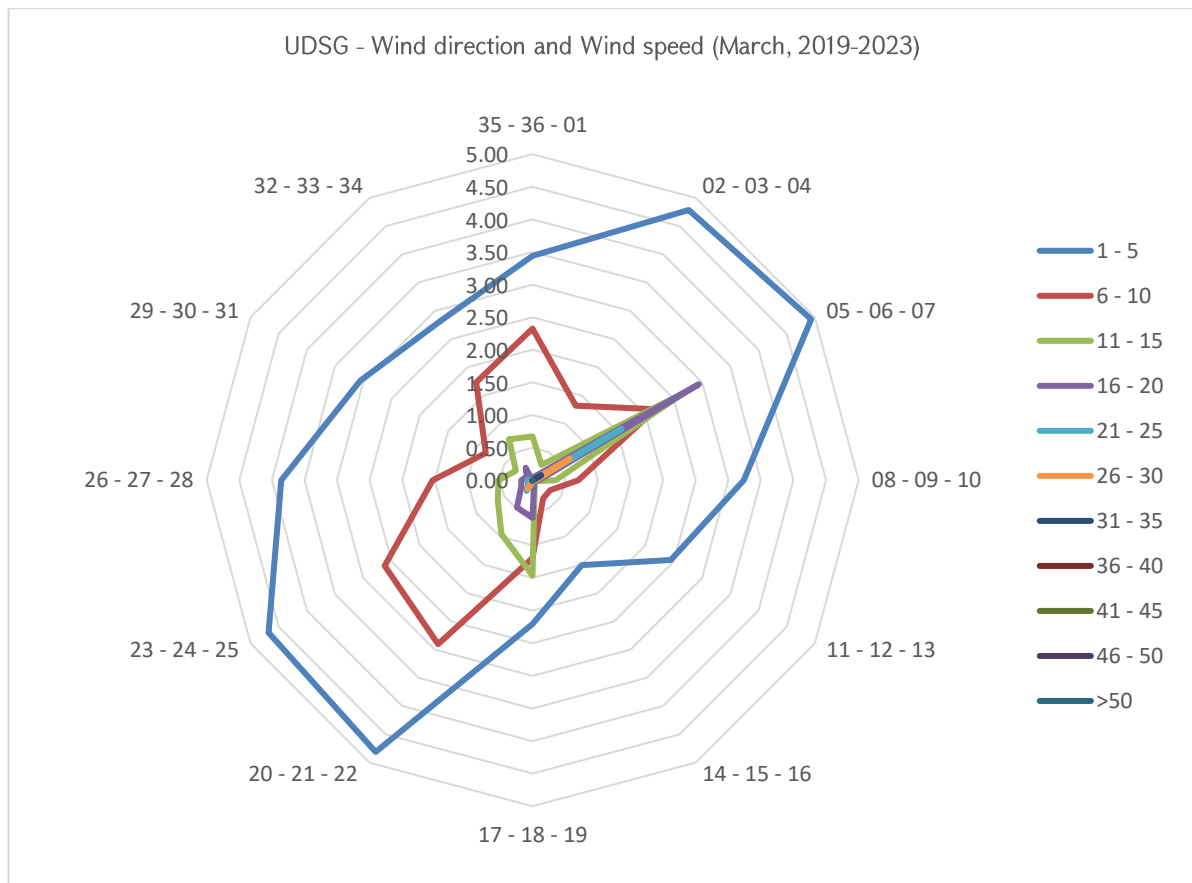
**CALM: 11.87%**

**VARIABLE: 11.76%**

The prevailing wind directions of 350° - 070° frequency of occurrence is 28% and that of 200°- 280° directions frequency of occurrence is 23.88%.

The most frequent wind speed is up to 10 knots, which corresponds to Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 71.49%).

The maximum wind of 36-40 knots is observed within the 050° - 070° sector (frequency of occurrence 0.01%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDSG      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												9.63
VARIABLE	16.14	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.29
35 - 36 - 01	3.75	1.58	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.39
02 - 03 - 04	5.92	1.49	0.22	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.67
05 - 06 - 07	6.08	2.19	1.88	1.08	0.94	0.22	0.00	0.00	0.00	0.00	0.00	12.40
08 - 09 - 10	4.00	1.40	0.39	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.94
11 - 12 - 13	2.56	0.56	0.13	0.07	0.11	0.03	0.00	0.00	0.00	0.00	0.00	3.44
14 - 15 - 16	1.60	0.54	0.17	0.26	0.14	0.01	0.00	0.00	0.00	0.00	0.00	2.72
17 - 18 - 19	2.17	1.50	1.38	0.57	0.08	0.03	0.00	0.00	0.00	0.00	0.00	5.72
20 - 21 - 22	3.92	3.08	1.75	0.79	0.10	0.00	0.00	0.00	0.00	0.00	0.00	9.64
23 - 24 - 25	3.72	2.96	0.79	0.35	0.13	0.03	0.00	0.00	0.00	0.00	0.00	7.97
26 - 27 - 28	3.14	1.56	0.31	0.10	0.06	0.03	0.00	0.00	0.00	0.00	0.00	5.18
29 - 30 - 31	1.86	1.24	0.47	0.10	0.06	0.01	0.00	0.00	0.00	0.00	0.00	3.74
32 - 33 - 34	2.31	1.47	0.43	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.26
TOTAL	57.15	19.71	7.97	3.56	1.63	0.36	0.00	0.00	0.00	0.00	0.00	100.00



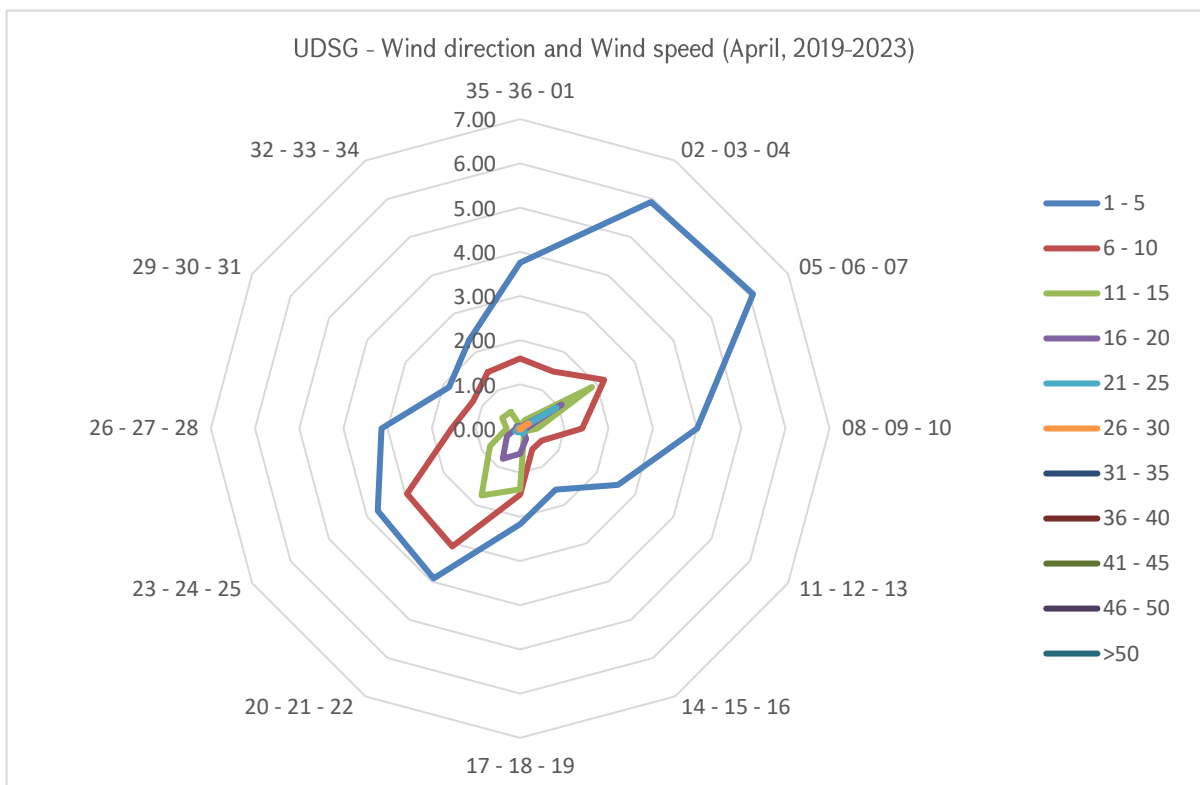
**CALM: 9.63%**

**VARIABLE: 16.29%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 17.07% and that of 200°- 250° directions frequency of occurrence is 17.61%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 76.86%).

The maximum wind of 26-30 knots is observed within the 050°-070°, 110°- 130°, 140°- 160°, 170°- 190°, 230°- 250°, 260°- 280° and 290°- 310° sectors (frequency of occurrence 0.08%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG      MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												8.44
VARIABLE	18.06	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.20
35 - 36 - 01	3.58	3.55	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72
02 - 03 - 04	5.34	2.12	0.42	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	7.97
05 - 06 - 07	5.56	2.63	1.71	0.71	0.16	0.11	0.04	0.00	0.00	0.00	0.00	10.93
08 - 09 - 10	3.74	2.02	0.54	0.13	0.04	0.01	0.00	0.00	0.00	0.00	0.00	6.48
11 - 12 - 13	2.11	0.86	0.07	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	3.08
14 - 15 - 16	1.21	0.67	0.36	0.08	0.07	0.00	0.00	0.00	0.00	0.00	0.00	2.39
17 - 18 - 19	2.20	1.84	0.90	0.69	0.04	0.00	0.00	0.00	0.00	0.00	0.00	5.67
20 - 21 - 22	3.91	2.24	0.59	0.17	0.05	0.01	0.00	0.00	0.00	0.00	0.00	6.99
23 - 24 - 25	5.23	1.96	0.35	0.08	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.65
26 - 27 - 28	4.03	1.29	0.35	0.07	0.05	0.01	0.00	0.00	0.00	0.00	0.00	5.81
29 - 30 - 31	2.15	1.12	0.42	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.83
32 - 33 - 34	2.14	1.77	0.81	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.85
TOTAL	59.26	22.22	7.10	2.28	0.47	0.17	0.05	0.00	0.00	0.00	0.00	100.00

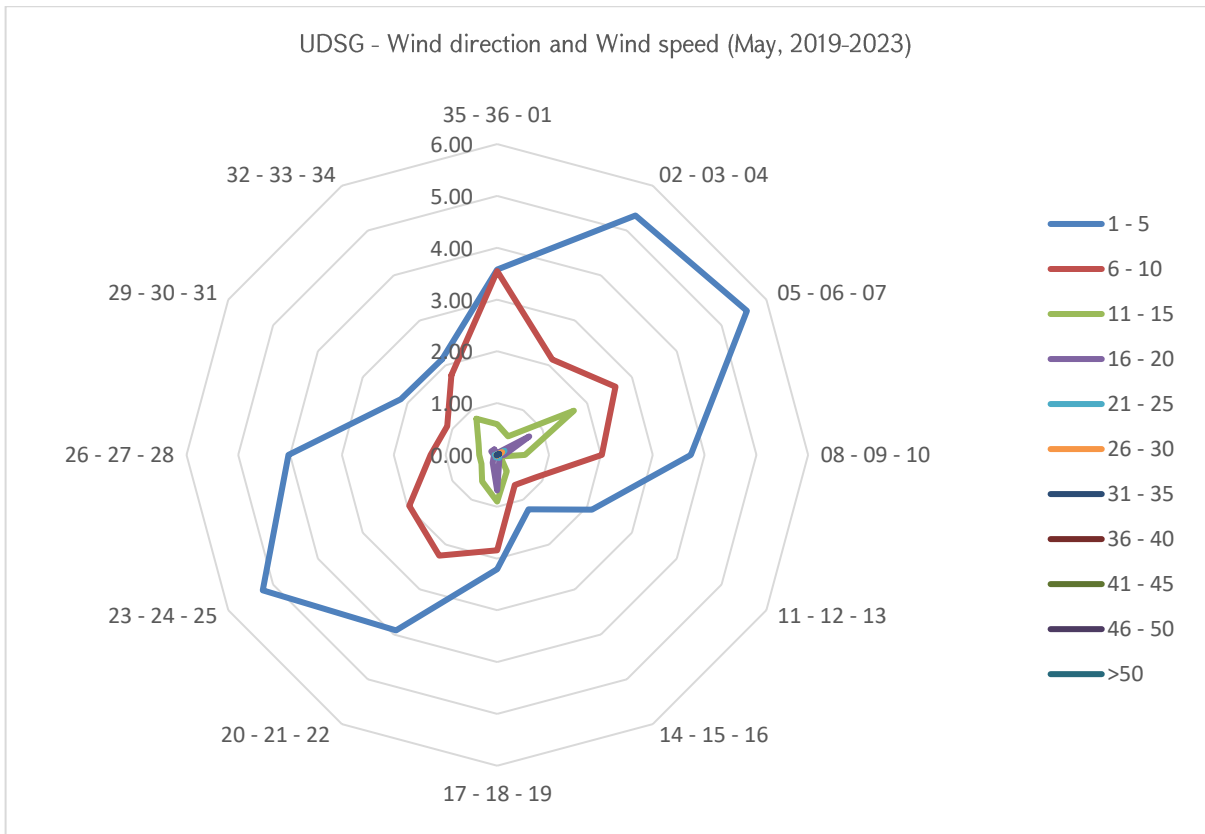
**CALM: 8.44%**

**VARIABLE: 18.20%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 18.9% and that of 200°- 250° directions frequency of occurrence is 14.64%.

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 81.48%).

The maximum wind of 31-35 knots is observed within the 050°-070° and 230°- 250° sectors (frequency of occurrence 0.05%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: JUNE      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7200      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												5.26
VARIABLE	18.86	0.17	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.07
35 - 36 - 01	2.63	2.29	0.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.28
02 - 03 - 04	3.47	3.06	1.64	0.54	0.07	0.00	0.00	0.00	0.00	0.00	0.00	8.78
05 - 06 - 07	3.97	5.21	5.46	3.97	1.78	0.58	0.014	0.00	0.00	0.00	0.00	20.99
08 - 09 - 10	2.89	2.51	0.72	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.35
11 - 12 - 13	2.01	0.75	0.21	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01
14 - 15 - 16	1.46	0.56	0.11	0.04	0.04	0.01	0.00	0.00	0.00	0.00	0.00	2.22
17 - 18 - 19	1.88	0.96	0.36	0.04	0.00	0.00	0.014	0.00	0.00	0.00	0.00	3.25
20 - 21 - 22	4.03	1.38	0.60	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.17
23 - 24 - 25	4.92	1.32	0.17	0.04	0.04	0.00	0.014	0.00	0.00	0.00	0.00	6.50
26 - 27 - 28	4.35	1.10	0.18	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.78
29 - 30 - 31	2.10	0.88	0.25	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.00	3.33
32 - 33 - 34	2.28	1.31	0.36	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.01
TOTAL	54.83	21.47	10.42	5.32	2.04	0.61	0.04	0.00	0.00	0.00	0.00	100.00



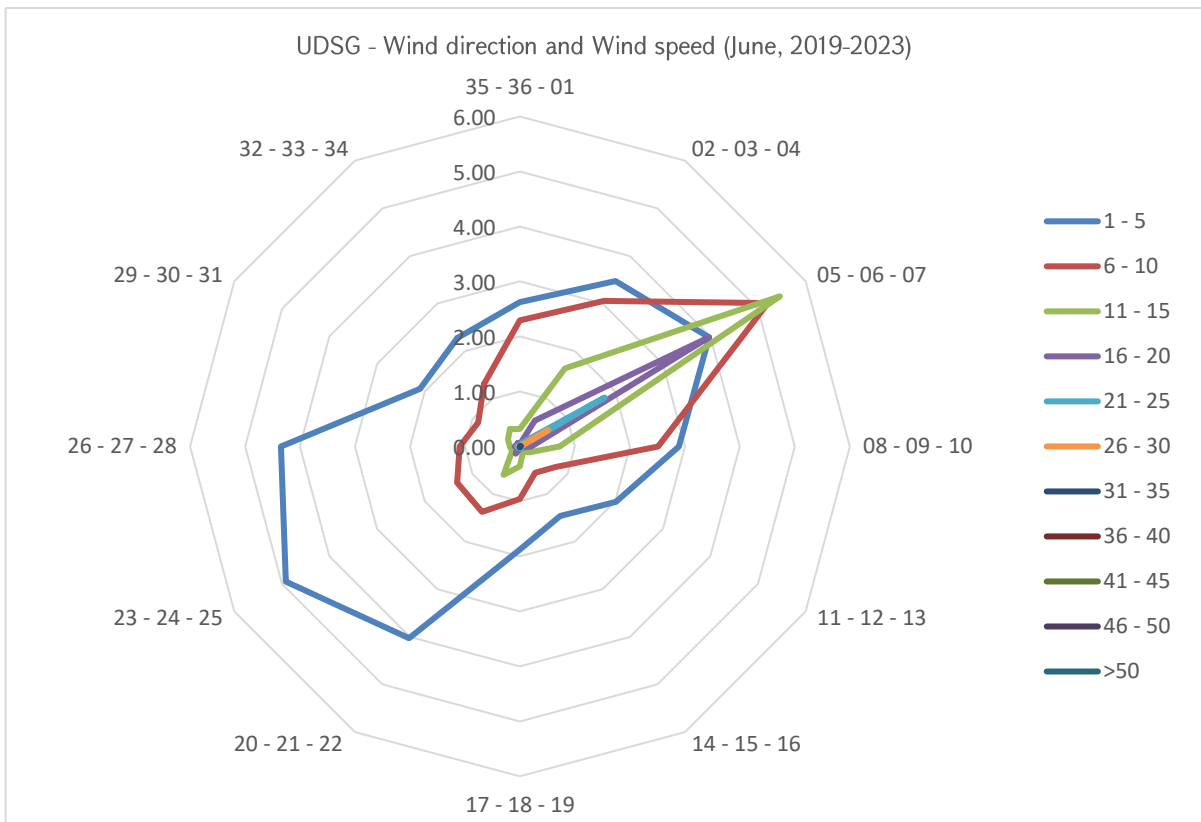


**CALM' 5.26%**  
**VARIABLE' 19.07%**

The prevailing wind directions of 050° - 070° frequency of occurrence is 20.99% and that of 200°- 280° directions frequency of occurrence is 18.45%.

The most frequent wind speed is up to 15 knots, which corresponds to the Moderate breeze according to “Beaufort wind force scale” (frequencies of occurrence 86.72%).

The maximum wind of 31-35 knots is observed within the 050°-070°, 170°- 190° and 230°- 250° sectors (frequency of occurrence 0.04%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG      MONTH: JULY      PERIOD OF RECORD: 2019-2023  
 TOTAL NUMBER OF OBSERVATIONS: 7440      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E      ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												3.13
VARIABLE	15.12	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.39
35 - 36 - 01	3.62	4.72	0.79	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.17
02 - 03 - 04	3.33	4.70	1.87	0.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	10.27
05 - 06 - 07	2.67	6.20	12.08	9.97	2.27	0.31	0.04	0.00	0.00	0.00	0.00	33.55
08 - 09 - 10	1.59	1.94	1.12	0.19	0.03	0.01	0.00	0.00	0.00	0.00	0.00	4.87
11 - 12 - 13	0.95	0.35	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45
14 - 15 - 16	0.65	0.17	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90
17 - 18 - 19	0.95	0.32	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36
20 - 21 - 22	2.54	0.40	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.97
23 - 24 - 25	3.35	0.54	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98
26 - 27 - 28	3.53	0.65	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.31
29 - 30 - 31	2.16	0.83	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.08
32 - 33 - 34	2.46	2.26	0.74	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	5.58
TOTAL	42.93	23.33	17.10	10.79	2.34	0.34	0.04	0.00	0.00	0.00	0.00	100.00

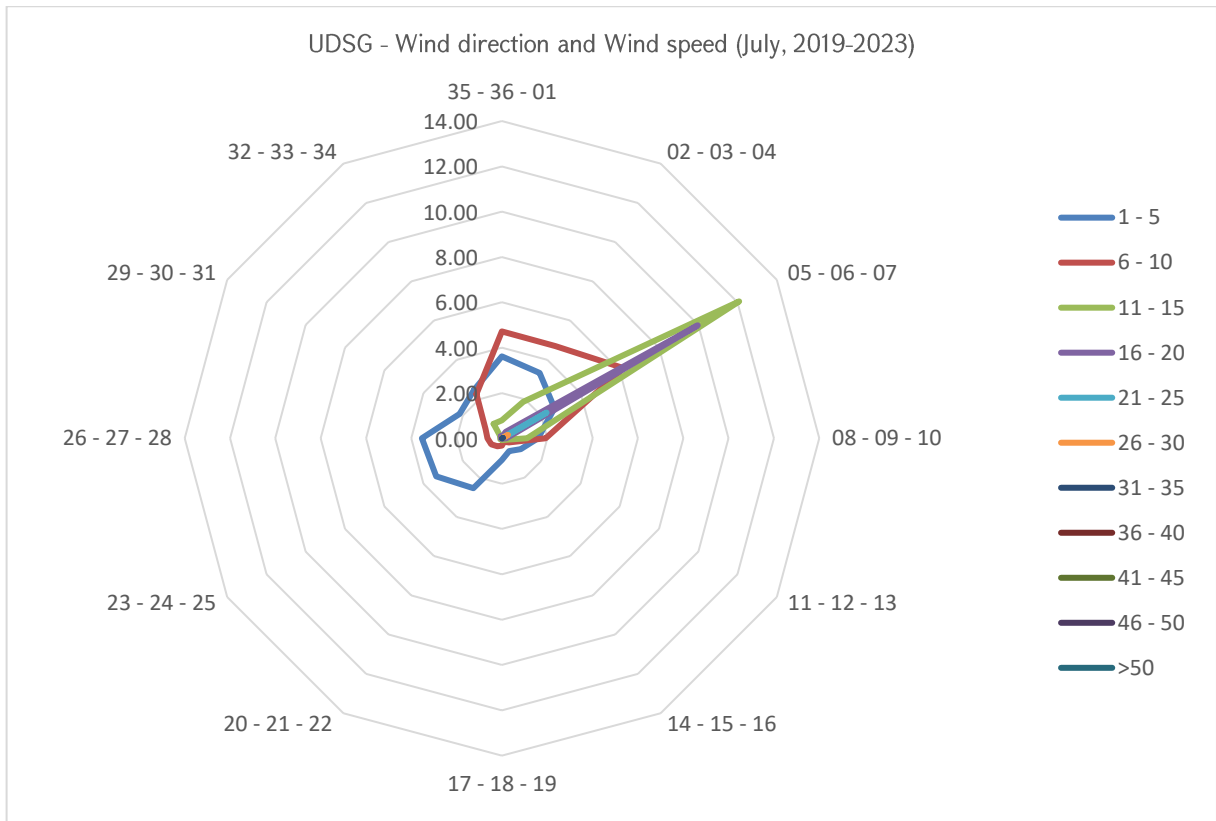
**CALM: 3.13%**

**VARIABLE: 15.39%**

The prevailing wind directions of 350° - 070° frequency of occurrence is 52.98%.

The most frequent wind speed is up to 20 knots, which corresponds to the Fresh breeze according to “Beaufort wind force scale” (frequencies of occurrence 94.15%).

The maximum wind of 31-35 knots is observed within the 050°-070° sector (frequency of occurrence 0.04%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

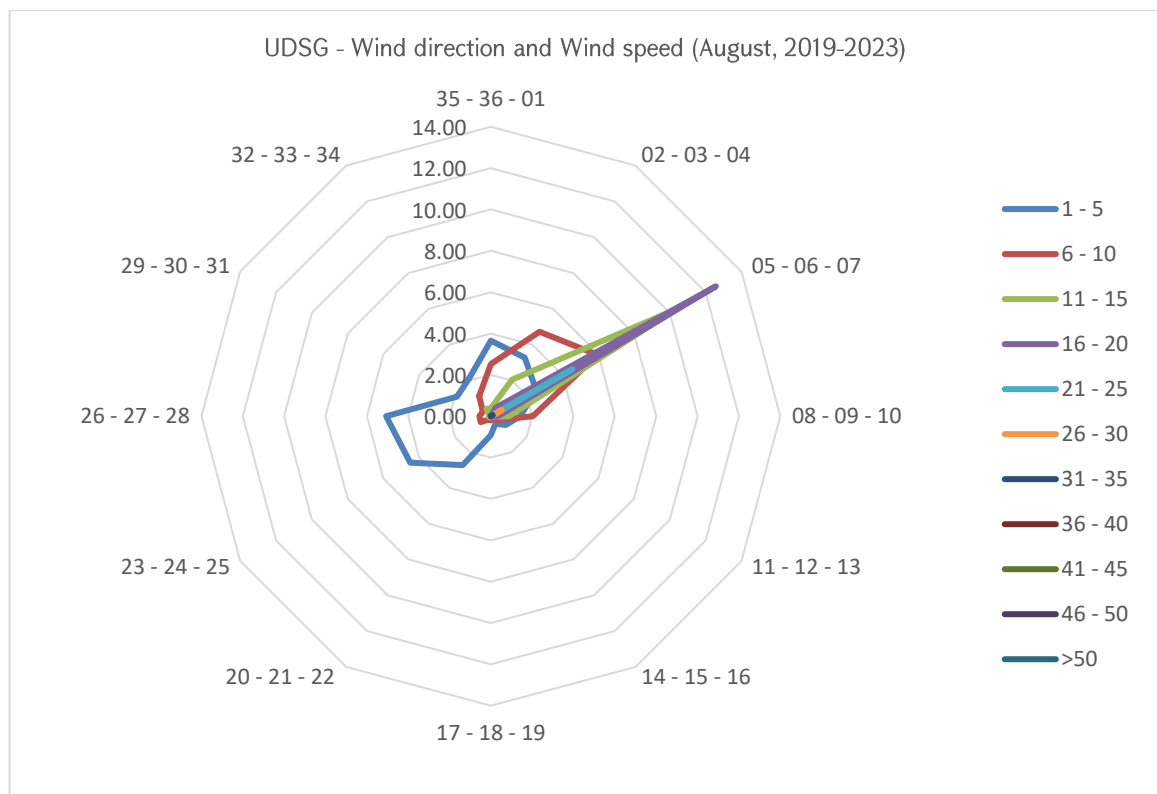
FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												2.26
VARIABLE	14.35	0.27	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.25
35 - 36 - 01	3.66	2.53	0.39	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60
02 - 03 - 04	3.28	4.72	2.04	0.48	0.01	0.00	0.00	0.00	0.00	0.00	0.00	10.54
05 - 06 - 07	2.53	5.95	10.36	12.57	4.56	0.62	0.09	0.00	0.00	0.00	0.00	36.68
08 - 09 - 10	1.42	2.03	0.86	0.34	0.03	0.04	0.00	0.00	0.00	0.00	0.00	4.72
11 - 12 - 13	0.83	0.36	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28
14 - 15 - 16	0.43	0.09	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58
17 - 18 - 19	0.91	0.20	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14
20 - 21 - 22	2.73	0.17	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.97
23 - 24 - 25	4.50	0.56	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.19
26 - 27 - 28	5.07	0.55	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.65
29 - 30 - 31	1.90	0.44	0.07	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	2.46
32 - 33 - 34	2.11	1.13	0.42	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.70
TOTAL	43.72	19.02	14.42	13.56	4.65	0.66	0.09	0.00	0.00	0.00	0.00	100.00

**CALM: 2.26%**  
**VARIABLE: 16.25%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 47.22%.

The most frequent wind speed is up to 20 knots, which corresponds to the Fresh breeze according to “Beaufort wind force scale” (frequencies of occurrence 90.73%).

The maximum wind of 31-35 knots is observed within the 050°-070° sector (frequency of occurrence 0.09%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG

MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												6.68
VARIABLE	21.11	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.33
35 - 36 - 01	4.04	3.06	0.58	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	7.79
02 - 03 - 04	3.74	3.46	0.79	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	8.14
05 - 06 - 07	4.19	4.06	5.58	3.65	0.75	0.11	0.00	0.00	0.00	0.00	0.00	18.35
08 - 09 - 10	2.36	1.18	0.46	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	4.18
11 - 12 - 13	1.26	0.44	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86
14 - 15 - 16	0.93	0.14	0.15	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.28
17 - 18 - 19	1.76	0.57	0.39	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93
20 - 21 - 22	5.01	1.04	0.40	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	6.54
23 - 24 - 25	5.85	0.96	0.10	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.97
26 - 27 - 28	5.31	1.03	0.10	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	6.57
29 - 30 - 31	2.97	0.68	0.26	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.99
32 - 33 - 34	2.00	0.92	0.36	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.39
TOTAL	60.54	17.74	9.31	4.67	0.96	0.11	0.00	0.00	0.00	0.00	0.00	100.00

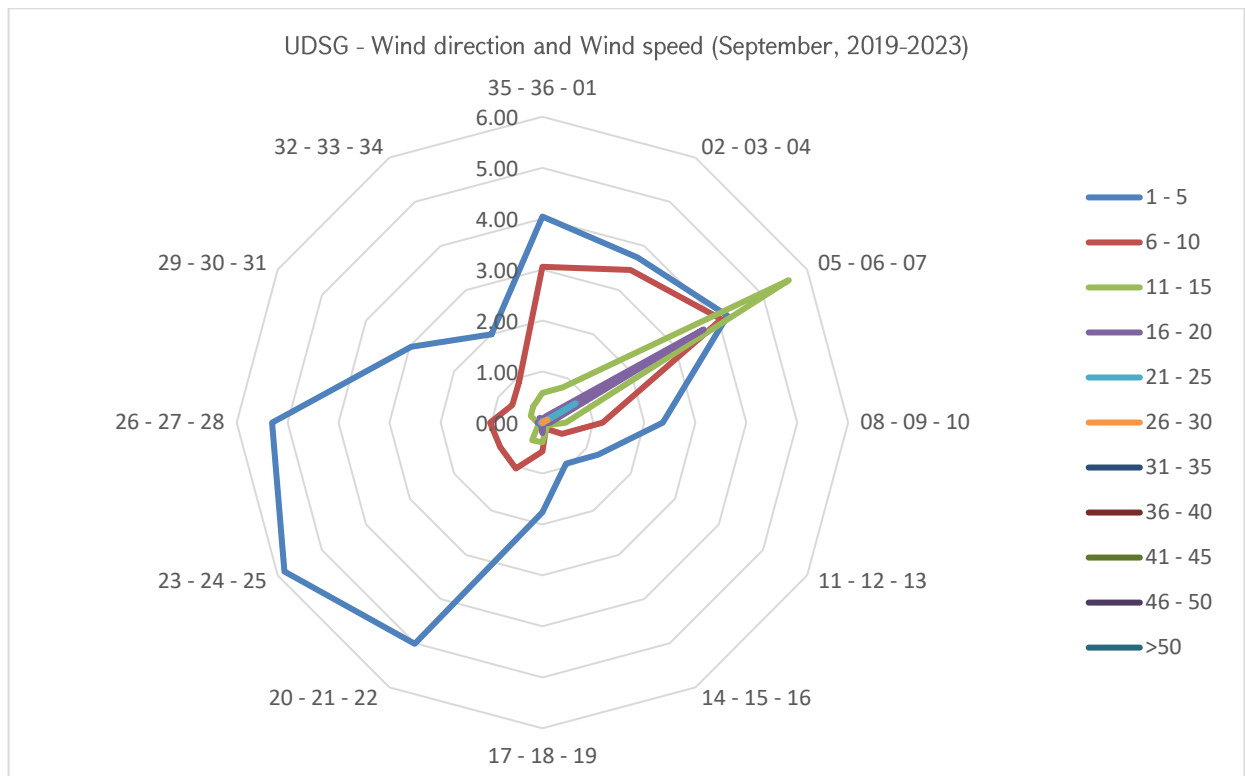
**CALM: 6.68%**

**VARIABLE: 21.33%**

The prevailing wind directions of 350° - 070° frequency of occurrence is 34.28% and that of 200°- 280° directions frequency of occurrence is 20.08%.

The most frequent wind speed is up to 15 knots, which corresponds to the Moderate breeze according to “Beaufort wind force scale” (frequencies of occurrence 87.58%).

The maximum wind of 26-30 knots is observed within the 050°-070° sector (frequency of occurrence 0.11%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												11.92
VARIABLE	22.26	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.30
35 - 36 - 01	3.01	1.33	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.37
02 - 03 - 04	8.37	1.22	0.27	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.88
05 - 06 - 07	9.29	1.95	2.11	1.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	14.56
08 - 09 - 10	4.38	0.91	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54
11 - 12 - 13	2.02	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31
14 - 15 - 16	1.42	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49
17 - 18 - 19	1.75	0.71	0.50	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.04
20 - 21 - 22	4.49	1.40	0.44	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.52
23 - 24 - 25	5.23	1.47	0.07	0.03	0.07	0.01	0.00	0.00	0.00	0.00	0.00	6.87
26 - 27 - 28	4.62	0.93	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.65
29 - 30 - 31	2.10	0.42	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65
32 - 33 - 34	2.03	0.66	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.92
TOTAL	70.97	11.38	4.06	1.49	0.16	0.01	0.00	0.00	0.00	0.00	0.00	100.00

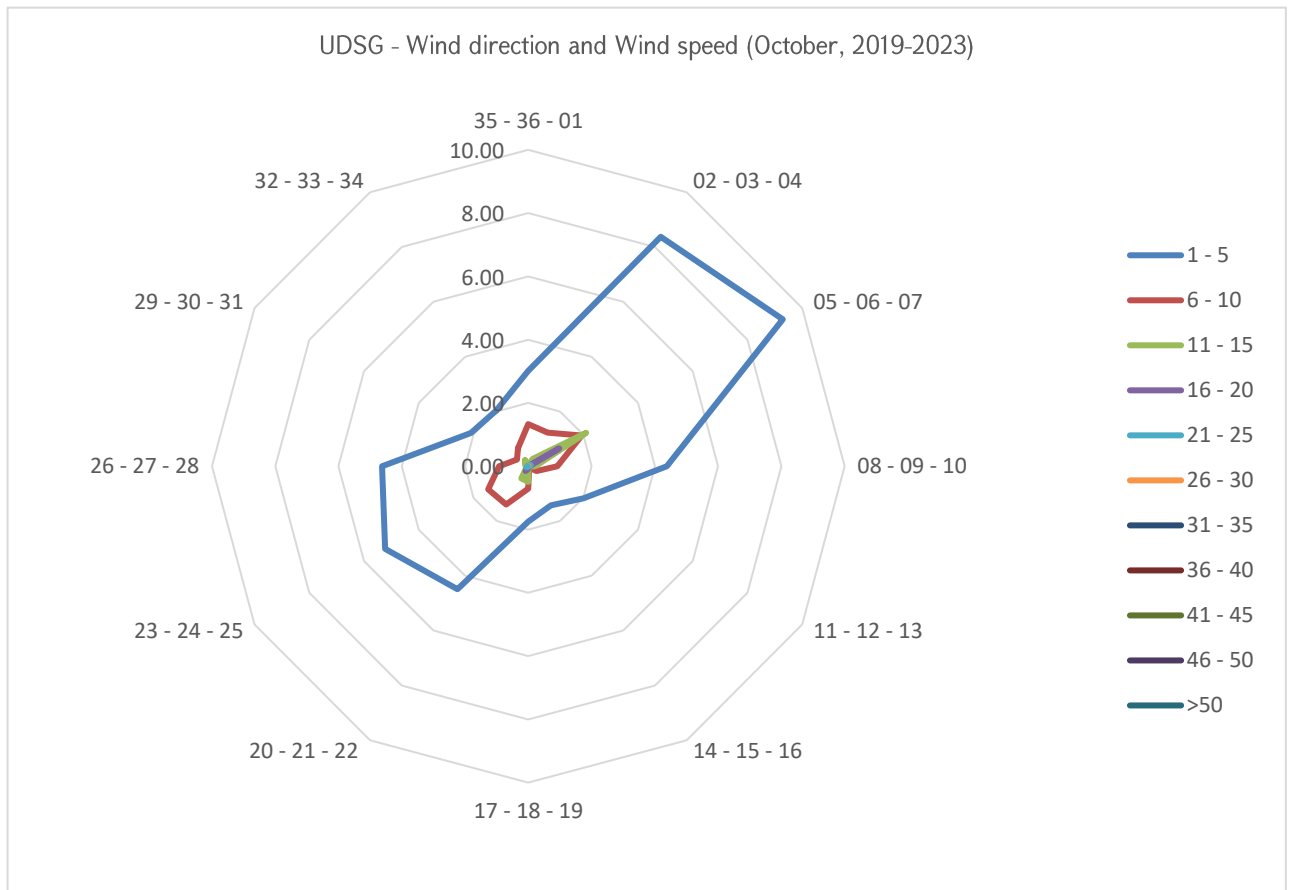
**CALM: 11.92%**

**VARIABLE: 22.30%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 24.44%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 82.35%).

The maximum wind of 26-30 knots is observed within the 230°-250° sector (frequency of occurrence 0.01%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG      MONTH: NOBEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												20.60
VARIABLE	16.71	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.75
35 - 36 - 01	2.63	0.85	0.21	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.72
02 - 03 - 04	8.10	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.69
05 - 06 - 07	11.76	0.99	0.49	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.25
08 - 09 - 10	4.94	0.33	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40
11 - 12 - 13	2.39	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57
14 - 15 - 16	1.24	0.17	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44
17 - 18 - 19	1.61	0.78	0.75	0.51	0.11	0.00	0.00	0.00	0.00	0.00	0.00	3.76
20 - 21 - 22	3.31	0.96	0.35	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.72
23 - 24 - 25	4.63	1.26	0.26	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.25
26 - 27 - 28	4.83	0.72	0.26	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.93
29 - 30 - 31	2.74	0.74	0.17	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.69
32 - 33 - 34	1.93	1.04	0.18	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.21
TOTAL	66.81	8.65	2.81	1.01	0.13	0.00	0.00	0.00	0.00	0.00	0.00	100.00

**CALM: 20.60%**

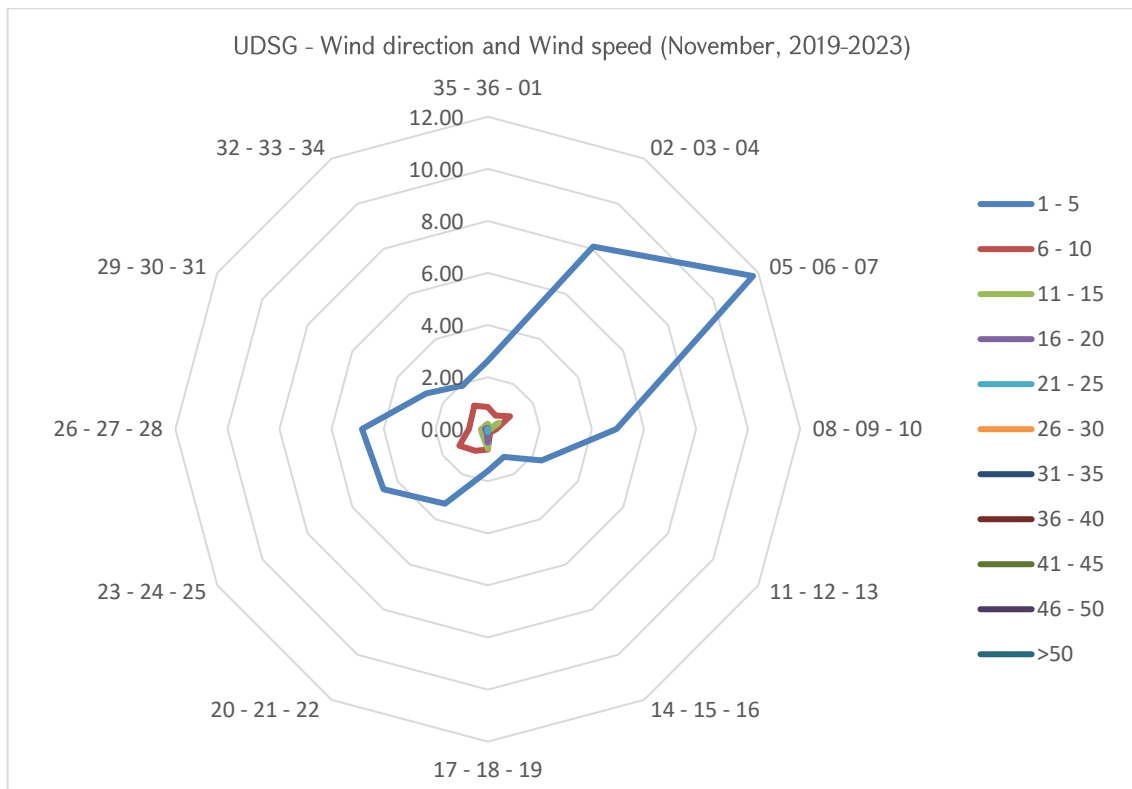
**VARIABLE: 16.75%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 21.94%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 66.81%).

The maximum wind of 21-25 knots is observed within the 170°- 190° and 200°- 220° sectors (frequency of occurrence 0.13%).





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

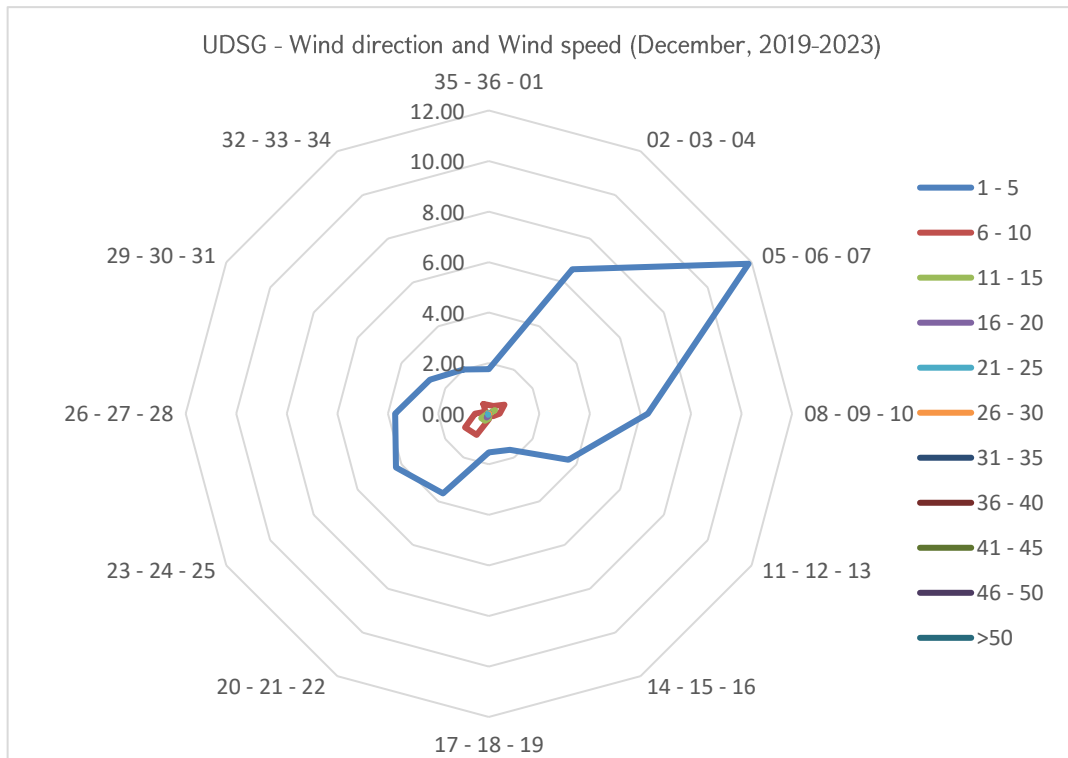
FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												32.34
VARIABLE	10.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.54
35 - 36 - 01	1.76	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12
02 - 03 - 04	6.60	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.95
05 - 06 - 07	11.87	0.71	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.86
08 - 09 - 10	6.29	0.43	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75
11 - 12 - 13	3.64	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84
14 - 15 - 16	1.65	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77
17 - 18 - 19	1.53	0.23	0.20	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03
20 - 21 - 22	3.64	0.97	0.32	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	5.16
23 - 24 - 25	4.25	1.09	0.35	0.04	0.04	0.03	0.00	0.00	0.00	0.00	0.00	5.79
26 - 27 - 28	3.71	0.55	0.07	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.38
29 - 30 - 31	2.70	0.15	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93
32 - 33 - 34	2.02	0.44	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.53
TOTAL	60.20	5.54	1.41	0.36	0.12	0.03	0.00	0.00	0.00	0.00	0.00	100.00

**CALM: 32.34%**  
**VARIABLE: 10.54%**

The prevailing wind directions of 050° - 070° frequency of occurrence is 12.86%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 60.20%).

The maximum wind of 26-30 knots is observed within the 230°-250° sector (frequency of occurrence 0.03%).



## 5.3 Wind Speed and Direction per Season

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG SEASON: WINTER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21,648

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												28.76
VARIABLE	11.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.15
35 - 36 - 01	2.05	0.83	0.40	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30
02 - 03 - 04	5.92	0.41	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.40
05 - 06 - 07	9.98	0.60	0.20	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	10.86
08 - 09 - 10	5.60	0.38	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.01
11 - 12 - 13	3.62	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76
14 - 15 - 16	1.86	0.09	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.01
17 - 18 - 19	1.92	0.44	0.54	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.12
20 - 21 - 22	4.63	0.89	0.36	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	6.02
23 - 24 - 25	4.90	1.27	0.30	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	6.53
26 - 27 - 28	4.20	0.86	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.26
29 - 30 - 31	2.72	0.50	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33
32 - 33 - 34	2.06	1.05	0.26	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50
TOTAL	60.62	7.45	2.45	0.63	0.08	0.01	0.00	0.00	0.00	0.00	0.00	100.00

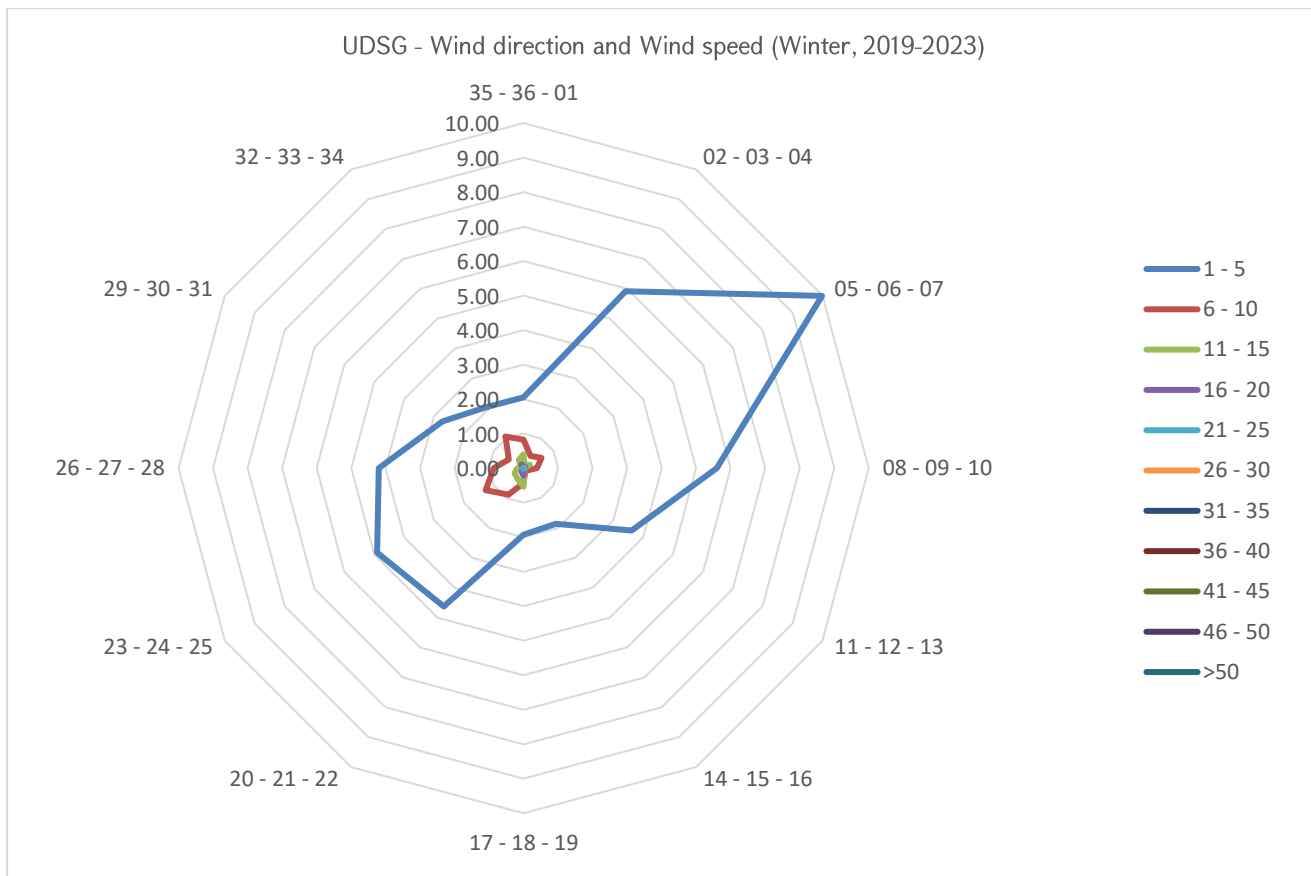
**CALM: 28.76%**

**VARIABLE: 11.15%**

The prevailing wind directions of 050° - 070° frequency of occurrence is 10.86%.

The most frequent wind speed is up to 5 knots, which corresponds to the Light breeze according to “Beaufort wind force scale” (frequencies of occurrence 60.62%).

The maximum wind of 26-30 knots is observed within the 230°-250° sector (frequency of occurrence 0.01%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDSG SEASON: SPRING

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22,080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												9.98
VARIABLE	15.29	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.42
35 - 36 - 01	3.59	2.49	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.51
02 - 03 - 04	5.35	1.64	0.30	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.36
05 - 06 - 07	5.53	2.34	2.09	1.58	0.89	0.33	0.063	0.00	0.00	0.00	0.00	12.82
08 - 09 - 10	3.66	1.37	0.43	0.12	0.03	0.02	0.00	0.00	0.00	0.00	0.00	5.63
11 - 12 - 13	2.37	0.57	0.07	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	3.10
14 - 15 - 16	1.44	0.51	0.20	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	2.35
17 - 18 - 19	2.19	1.51	1.25	0.61	0.05	0.01	0.00	0.00	0.00	0.00	0.00	5.63
20 - 21 - 22	4.21	2.74	1.10	0.48	0.11	0.05	0.00	0.00	0.00	0.00	0.00	8.71
23 - 24 - 25	4.54	2.51	0.59	0.21	0.07	0.01	0.00	0.00	0.00	0.00	0.00	7.94
26 - 27 - 28	3.68	1.46	0.39	0.11	0.06	0.02	0.004	0.00	0.00	0.00	0.00	5.72
29 - 30 - 31	2.35	1.06	0.39	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	3.96
32 - 33 - 34	2.42	1.66	0.65	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	4.88
TOTAL	56.62	19.99	7.90	3.59	1.38	0.47	0.07	0.00	0.00	0.00	0.00	100.00

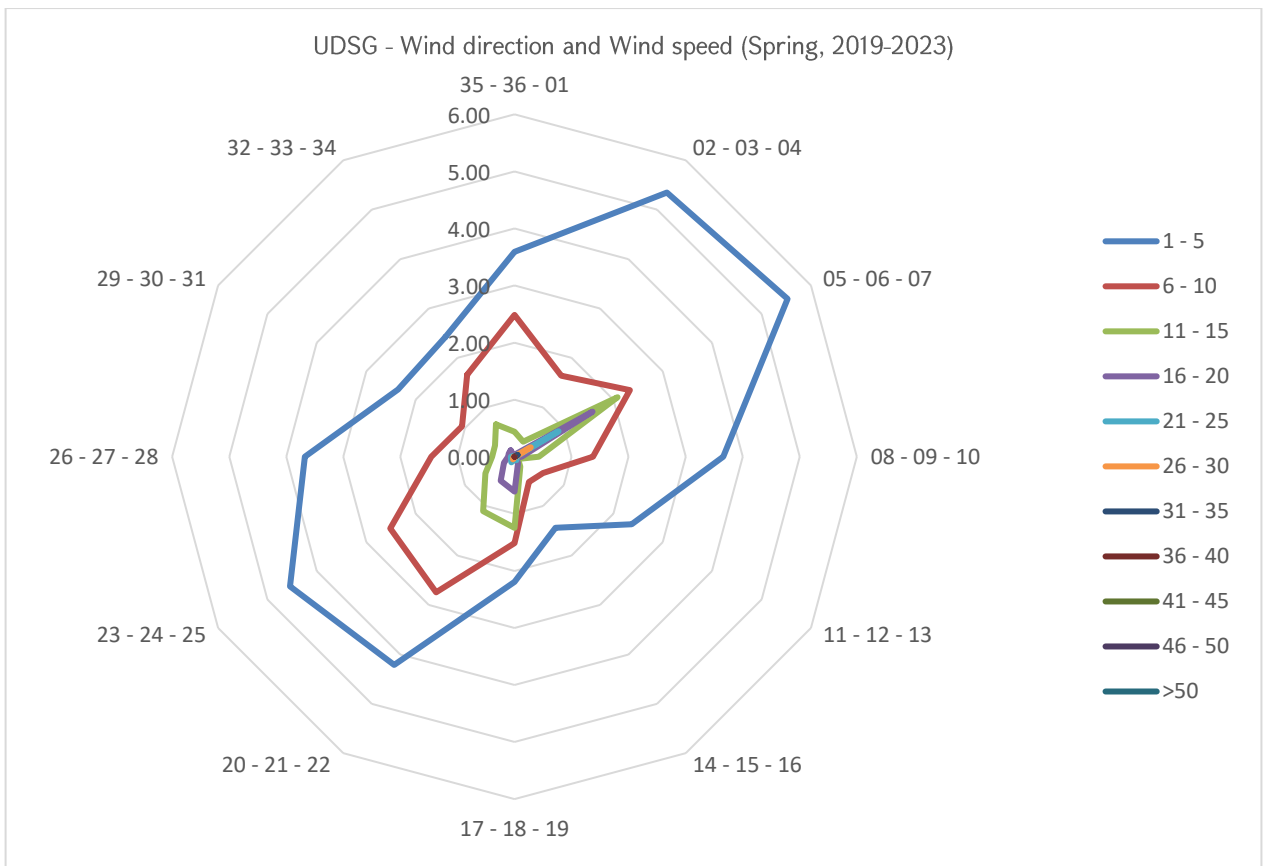


**CALM: 9.98%**  
**VARIABLE: 15.42%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 20.18% of 110°-160° and 230°- 280° directions frequency of occurrence is 22.37%.

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 76.61%).

The maximum wind of 31-35 knots is observed within the 050° - 070° and 230°-250° sectors (frequency of occurrence 0.07%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDSG      SEASON: SUMMER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22,080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	TOTAL
CALM												3.55
VARIABLE	16.11	0.23	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.90
35 - 36 - 01	3.30	3.18	0.50	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.01
02 - 03 - 04	3.36	4.16	1.85	0.45	0.04	0.00	0.00	0.00	0.00	0.00	0.00	9.86
05 - 06 - 07	3.06	5.79	9.30	8.84	2.87	0.50	0.05	0.00	0.00	0.00	0.00	30.40
08 - 09 - 10	1.97	2.16	0.90	0.24	0.02	0.02	0.00	0.00	0.00	0.00	0.00	5.31
11 - 12 - 13	1.27	0.49	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91
14 - 15 - 16	0.84	0.27	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.23
17 - 18 - 19	1.25	0.49	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92
20 - 21 - 22	3.10	0.65	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.04
23 - 24 - 25	4.26	0.81	0.12	0.02	0.02	0.00	0.005	0.00	0.00	0.00	0.00	5.22
26 - 27 - 28	4.32	0.76	0.09	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	5.25
29 - 30 - 31	2.05	0.72	0.12	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	2.96
32 - 33 - 34	2.28	1.56	0.51	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.43
TOTAL	47.16	21.27	13.98	9.89	3.01	0.54	0.06	0.00	0.00	0.00	0.00	100.00

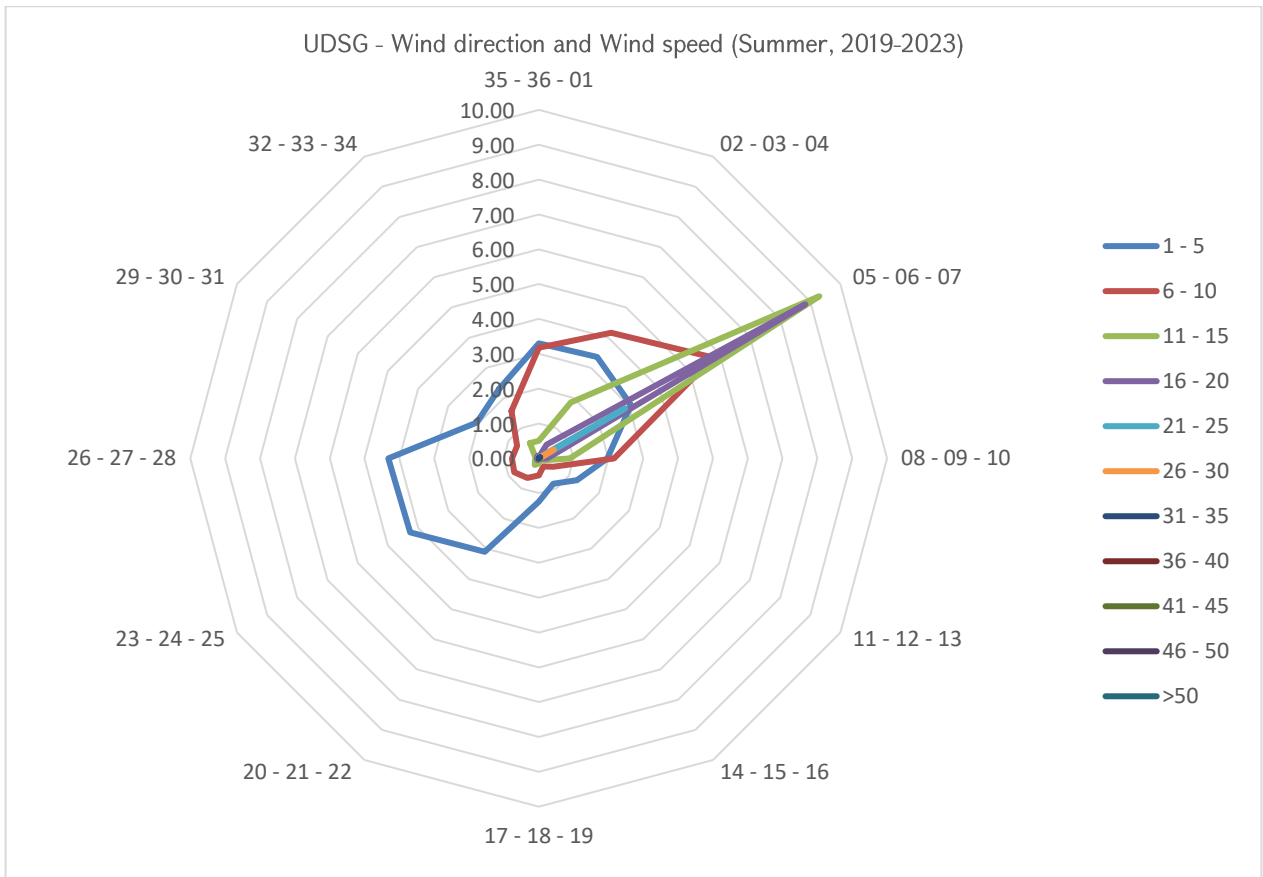
**CALM: 3.55%**

**VARIABLE: 16.90%**

The prevailing wind directions of 050° - 070° frequency of occurrence is 30.40%.

The most frequent wind speed is up to 15 knots, which corresponds to the Moderate breeze according to “Beaufort wind force scale” (frequencies of occurrence 82.42%).

The maximum wind of 31-35 knots is observed within the 050° - 070° and 230°-250° sectors (frequency of occurrence 0.06%).



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UDSG      SEASON: AUTUMN

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21,840

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM												13.07
VARIABLE	20.03	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.13
35 - 36 - 01	3.23	1.74	0.27	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.29
02 - 03 - 04	6.74	1.76	0.35	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.90
05 - 06 - 07	8.42	2.33	2.73	1.60	0.28	0.04	0.00	0.00	0.00	0.00	0.00	15.38
08 - 09 - 10	3.90	0.81	0.26	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.04
11 - 12 - 13	1.89	0.31	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25
14 - 15 - 16	1.20	0.12	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
17 - 18 - 19	1.71	0.69	0.55	0.27	0.04	0.00	0.00	0.00	0.00	0.00	0.00	3.24
20 - 21 - 22	4.27	1.13	0.40	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	5.93
23 - 24 - 25	5.23	1.23	0.14	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	6.70
26 - 27 - 28	4.92	0.89	0.15	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.05
29 - 30 - 31	2.60	0.61	0.18	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.44
32 - 33 - 34	1.99	0.87	0.25	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17
TOTAL	66.10	12.59	5.39	2.39	0.41	0.04	0.00	0.00	0.00	0.00	0.00	100.00



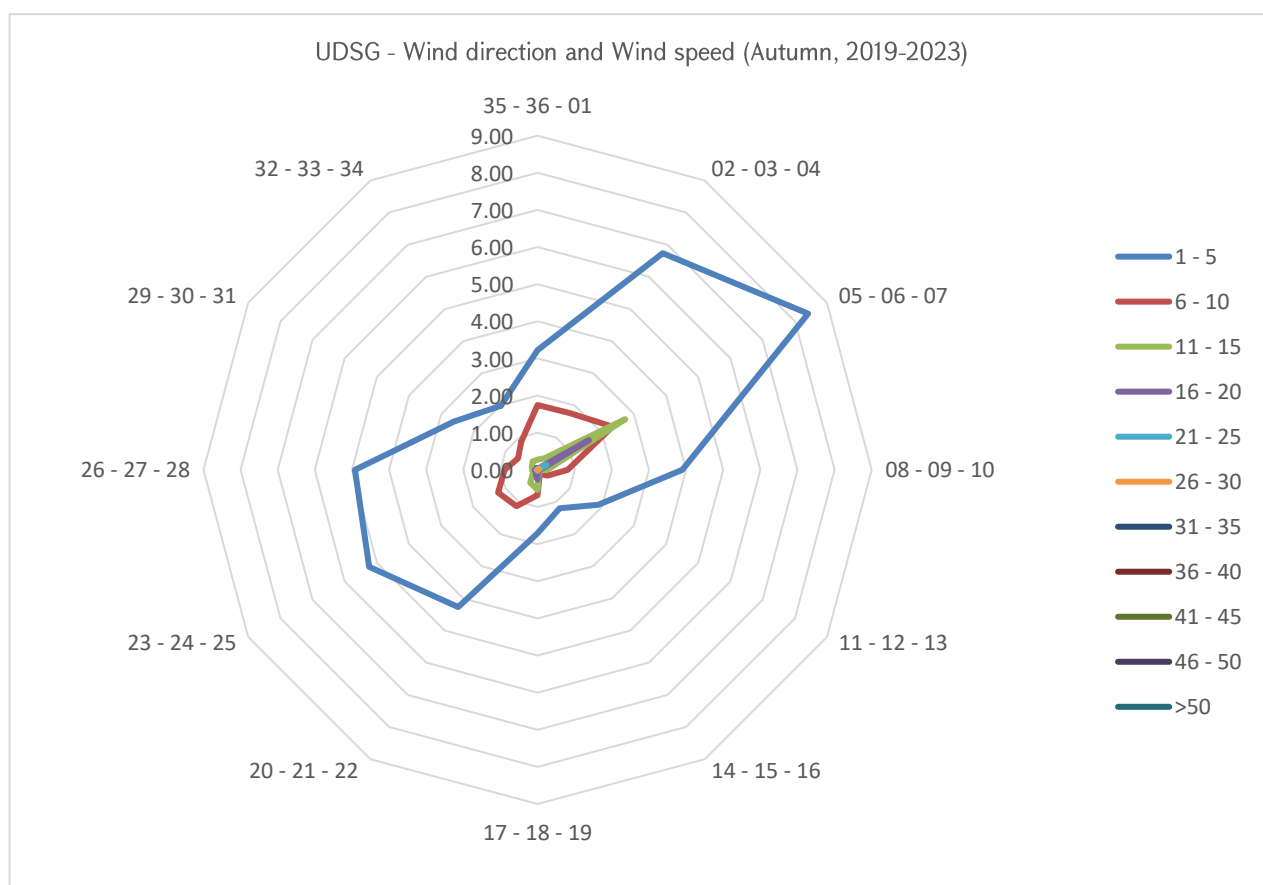
**CALM: 13.07%**

**VARIABLE: 20.13%**

The prevailing wind directions of 020° - 070° frequency of occurrence is 24.29% and that of 230°- 280° directions frequency of occurrence is 12.75%.

The most frequent wind speed is up to 10 knots, which corresponds to the Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 78.7%).

The maximum wind of 26-30 knots is observed within the 050° - 070° sector (frequency of occurrence 0.04%).





## 5.4 Wind Gust Speed and Direction

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

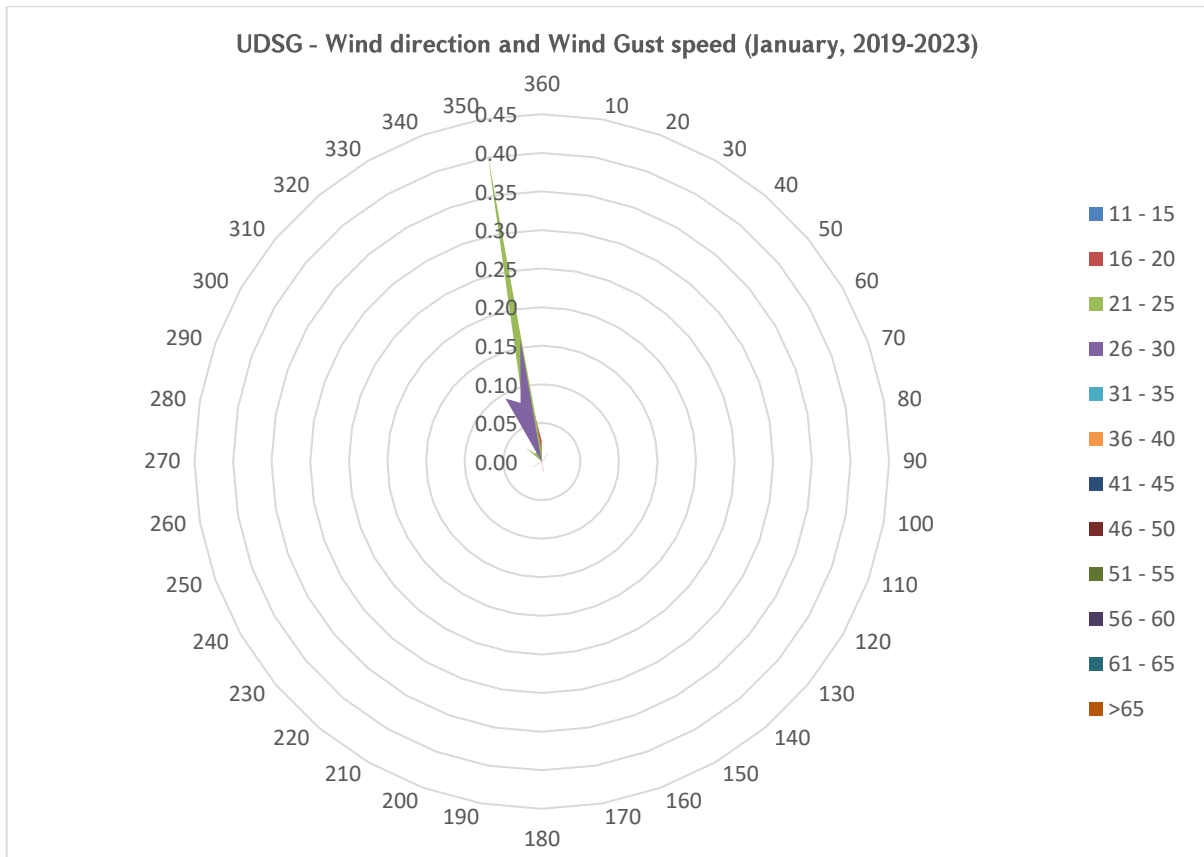
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
330	0.00	0.00	0.01	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
340	0.00	0.03	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17

350	0.00	0.08	0.40	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65
TOTAL	0.00	0.15	0.54	0.36	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.54%).

The directions of maximum wind gusts are 350°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

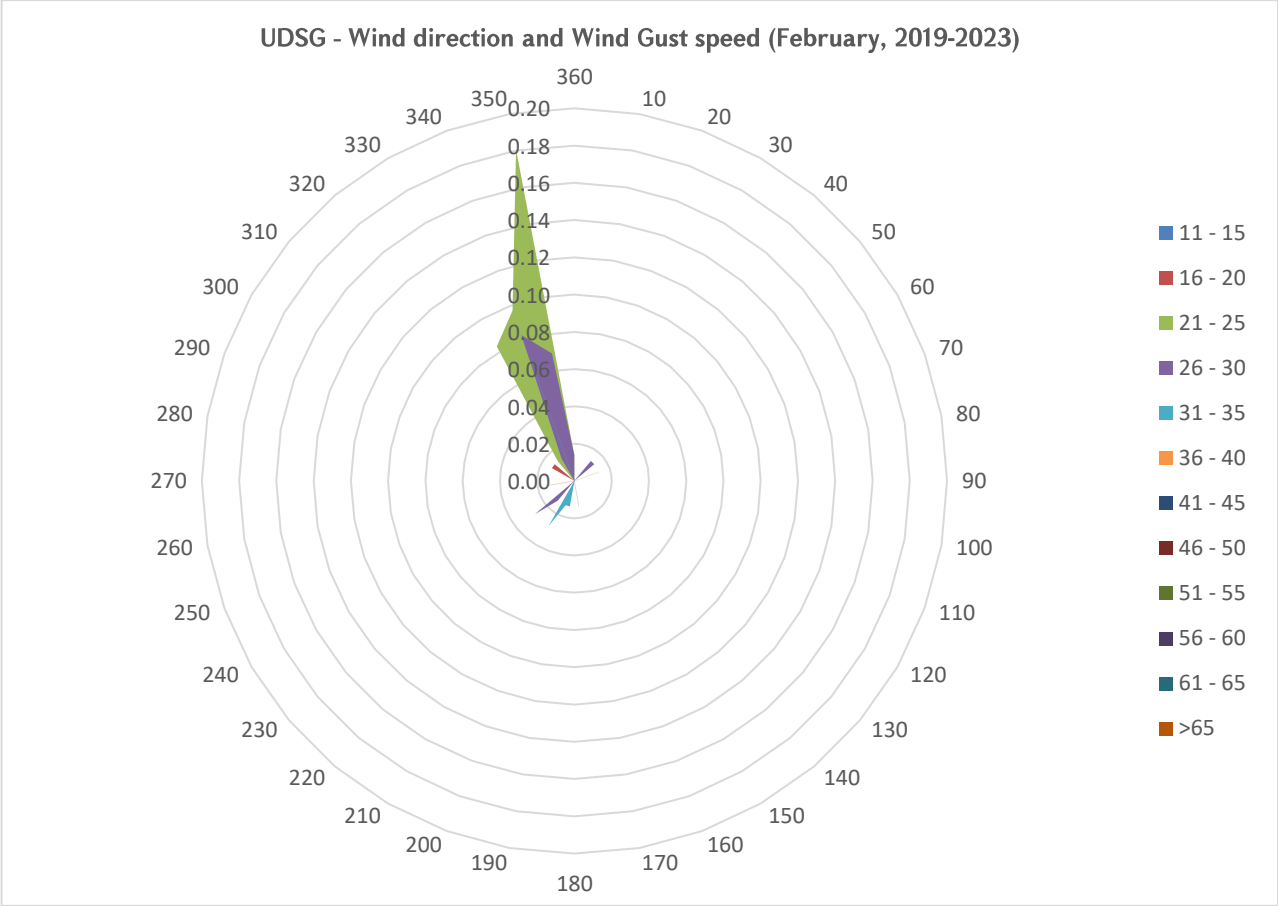
ELEVATION ABOVE MSL: 5000 FT MSL

**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
50	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
210	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
310	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
320	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
330	0.00	0.01	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
340	0.00	0.01	0.10	0.08	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26
350	0.00	0.03	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
TOTAL	0.00	0.11	0.42	0.28	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.42%).

The directions of maximum wind gusts are 340° and 350°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDGS      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

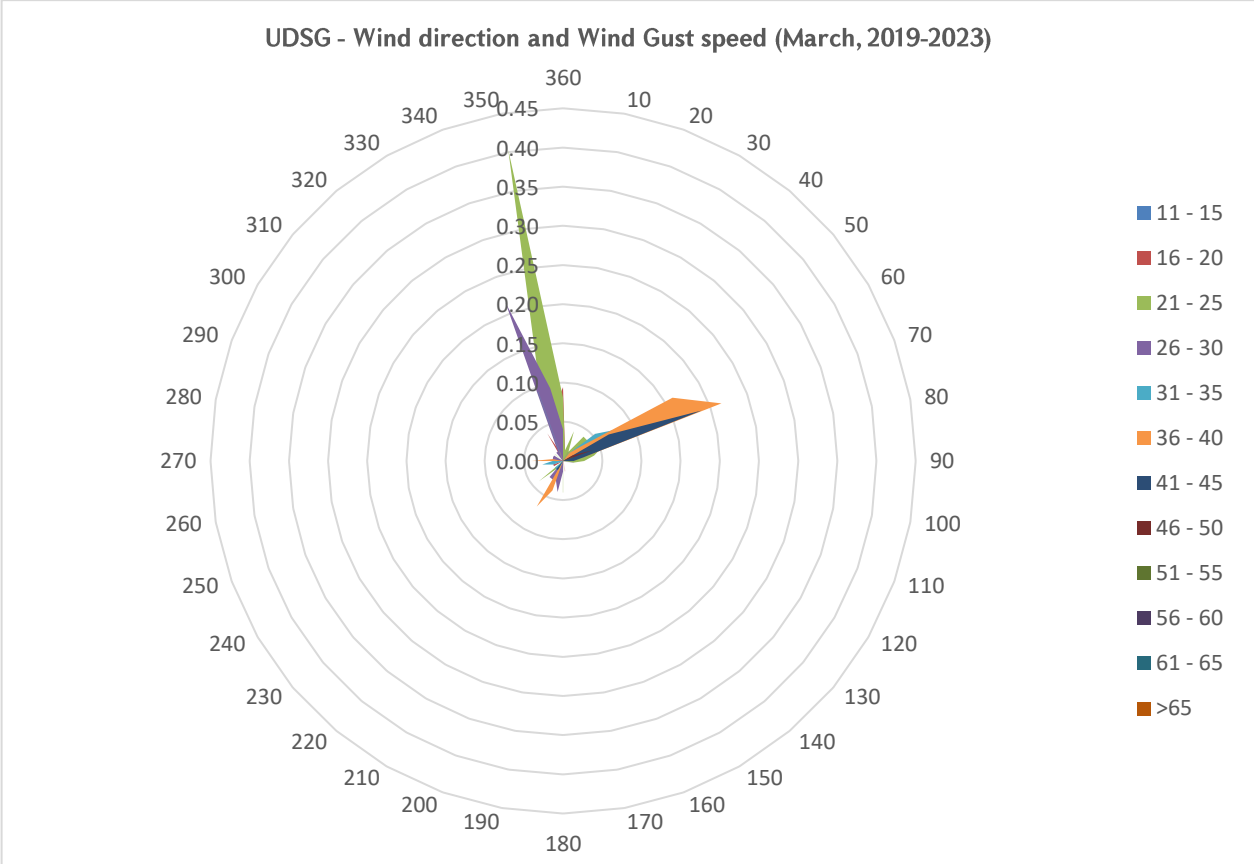
ELEVATION ABOVE MSL: 5000 FT MSL

**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.09	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
10	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
20	0.01	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
30	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
40	0.00	0.00	0.04	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07
50	0.00	0.05	0.04	0.03	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.20
60	0.00	0.00	0.03	0.04	0.08	0.16	0.07	0.01	0.00	0.00	0.00	0.00	0.39
70	0.00	0.01	0.05	0.07	0.16	0.22	0.19	0.04	0.01	0.00	0.00	0.00	0.75
80	0.00	0.00	0.04	0.03	0.01	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.13
90	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05
100	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
190	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
200	0.00	0.00	0.01	0.03	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.09
210	0.00	0.01	0.01	0.03	0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.15
220	0.01	0.01	0.01	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09
230	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
240	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
250	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
260	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
270	0.01	0.00	0.00	0.01	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.08
280	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
290	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
300	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
310	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
320	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
330	0.00	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
340	0.00	0.01	0.08	0.22	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.42
350	0.00	0.07	0.40	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56
TOTAL	0.04	0.40	1.02	0.77	0.54	0.62	0.32	0.05	0.01	0.00	0.00	0.00	3.78

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.02%).

The directions of maximum wind gusts are 70° and 350°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

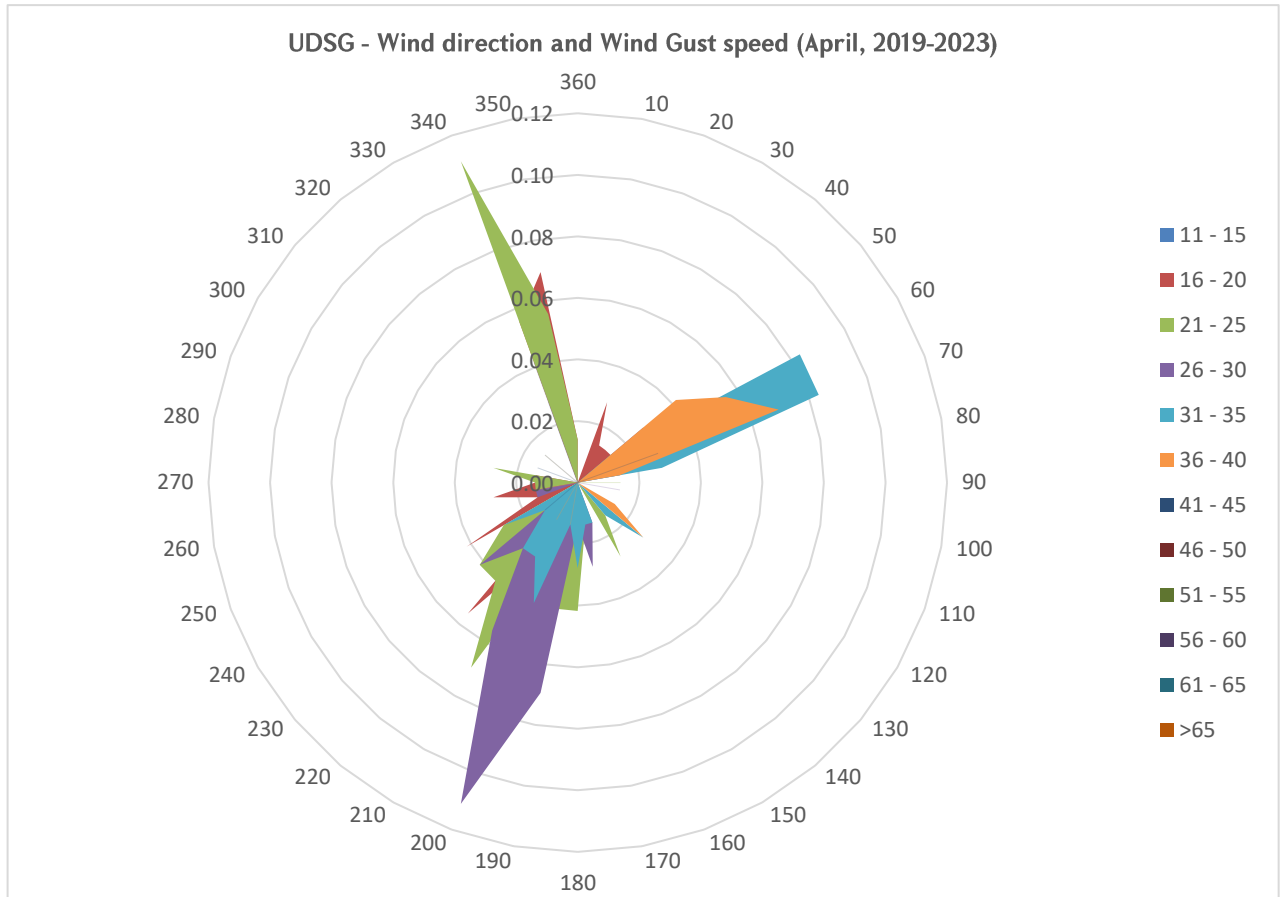
**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
30	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
40	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
50	0.00	0.01	0.01	0.03	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11
60	0.00	0.03	0.06	0.03	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.25
70	0.00	0.01	0.01	0.03	0.08	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.24
80	0.00	0.00	0.00	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
90	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
100	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06
140	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
160	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
170	0.00	0.00	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
180	0.01	0.00	0.04	0.01	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.11
190	0.00	0.01	0.04	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.15
200	0.00	0.00	0.03	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
210	0.00	0.03	0.07	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.19
220	0.00	0.06	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
230	0.00	0.00	0.04	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.11
240	0.00	0.04	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
250	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
260	0.00	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07
270	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
280	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.03	0.06	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
350	0.00	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
TOTAL	0.06	0.46	0.69	0.56	0.46	0.26	0.06	0.00	0.01	0.00	0.00	0.00	2.56

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.07%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.69%).

The directions of maximum wind gusts are  $60^{\circ}$ ,  $70^{\circ}$ ,  $200^{\circ}$  and  $340^{\circ}$ .





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG

MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

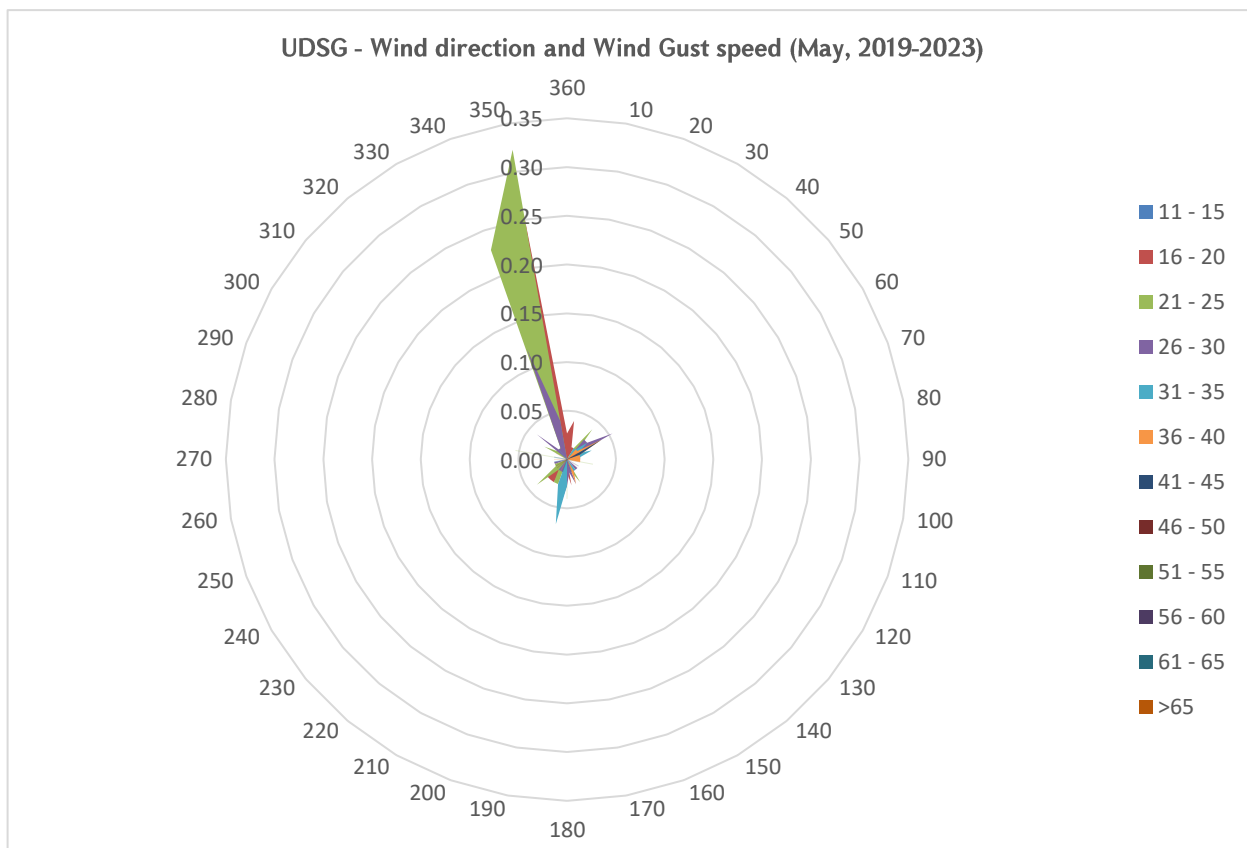
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
10	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
20	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
30	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
40	0.00	0.00	0.04	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.09
50	0.00	0.01	0.01	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.09
60	0.00	0.01	0.04	0.05	0.01	0.04	0.04	0.01	0.00	0.00	0.00	0.00	0.22
70	0.00	0.01	0.00	0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.07
80	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07
90	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
100	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
140	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.00	0.00	0.03	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05
160	0.00	0.00	0.01	0.03	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.09
170	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
180	0.00	0.01	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
190	0.00	0.04	0.00	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
200	0.00	0.00	0.03	0.01	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08
210	0.00	0.03	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08
220	0.01	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
230	0.00	0.03	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.09
240	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.03
250	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
260	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
270	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
280	0.00	0.00	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
310	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
320	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
330	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
340	0.00	0.03	0.23	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
350	0.01	0.26	0.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63
TOTAL	0.05	0.65	1.03	0.58	0.34	0.20	0.09	0.03	0.00	0.01	0.00	0.00	2.98

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.13%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.03%).

The directions of maximum wind gusts are  $350^{\circ}$ .



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG      MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

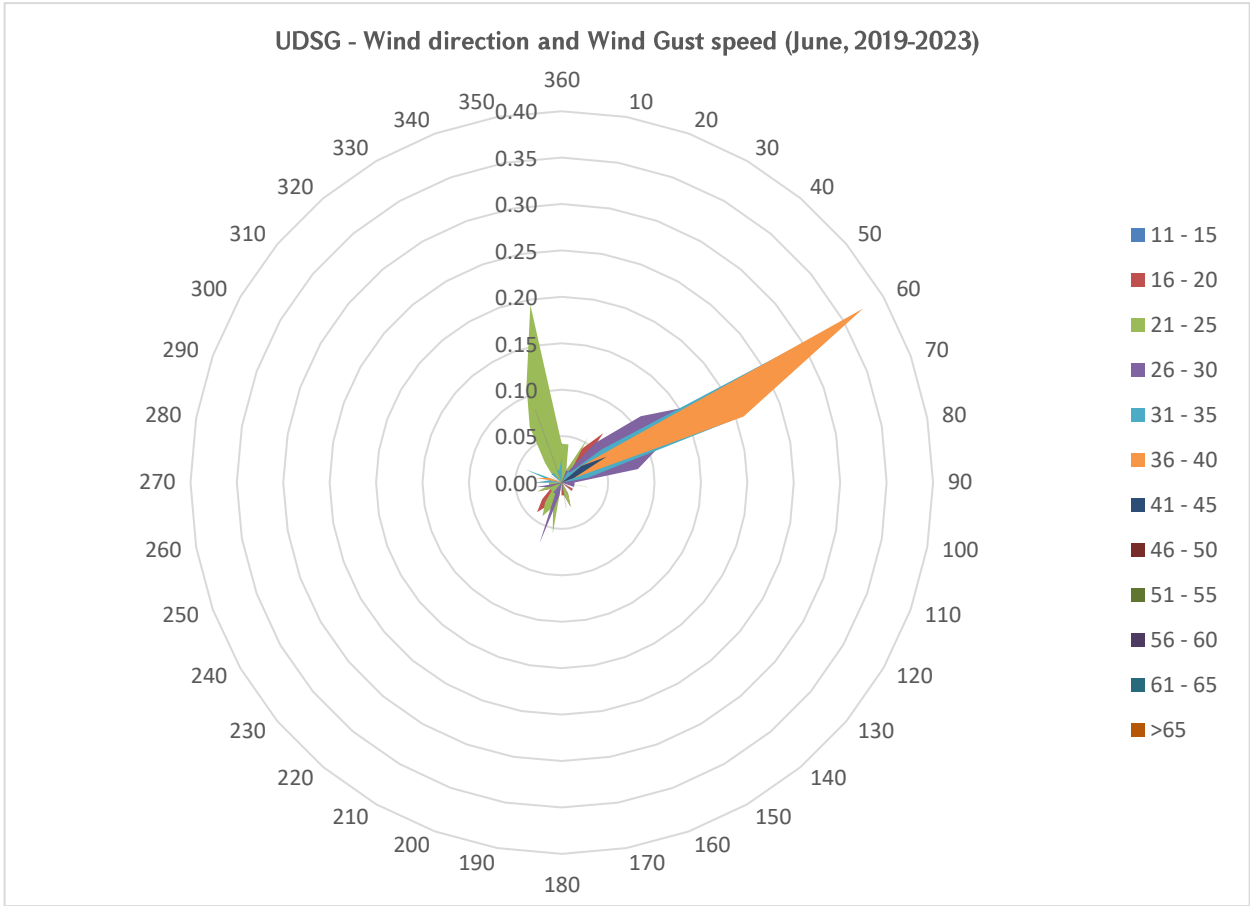
#### FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.04	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
10	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
20	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
30	0.01	0.04	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
40	0.00	0.07	0.01	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
50	0.03	0.03	0.10	0.11	0.06	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.38
60	0.00	0.01	0.07	0.17	0.31	0.38	0.06	0.00	0.00	0.00	0.00	0.00	0.99
70	0.00	0.03	0.04	0.11	0.19	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.60
80	0.00	0.01	0.03	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
90	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
100	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
110	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
120	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
130	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
160	0.01	0.03	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08
170	0.00	0.01	0.01	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08
180	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
190	0.00	0.00	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
200	0.00	0.01	0.03	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
210	0.00	0.03	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
220	0.01	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
230	0.00	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
240	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
250	0.00	0.03	0.03	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.11
260	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
270	0.03	0.03	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
280	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.00	0.03	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08
300	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
310	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
320	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
330	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
340	0.04	0.03	0.11	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
350	0.01	0.08	0.19	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
TOTAL	0.22	0.65	1.18	0.90	0.83	0.69	0.11	0.01	0.00	0.00	0.00	0.00	4.61

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.12%.

The maximum wind gust speed (21-55 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.18%).

The directions of maximum wind gusts are  $60^\circ$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

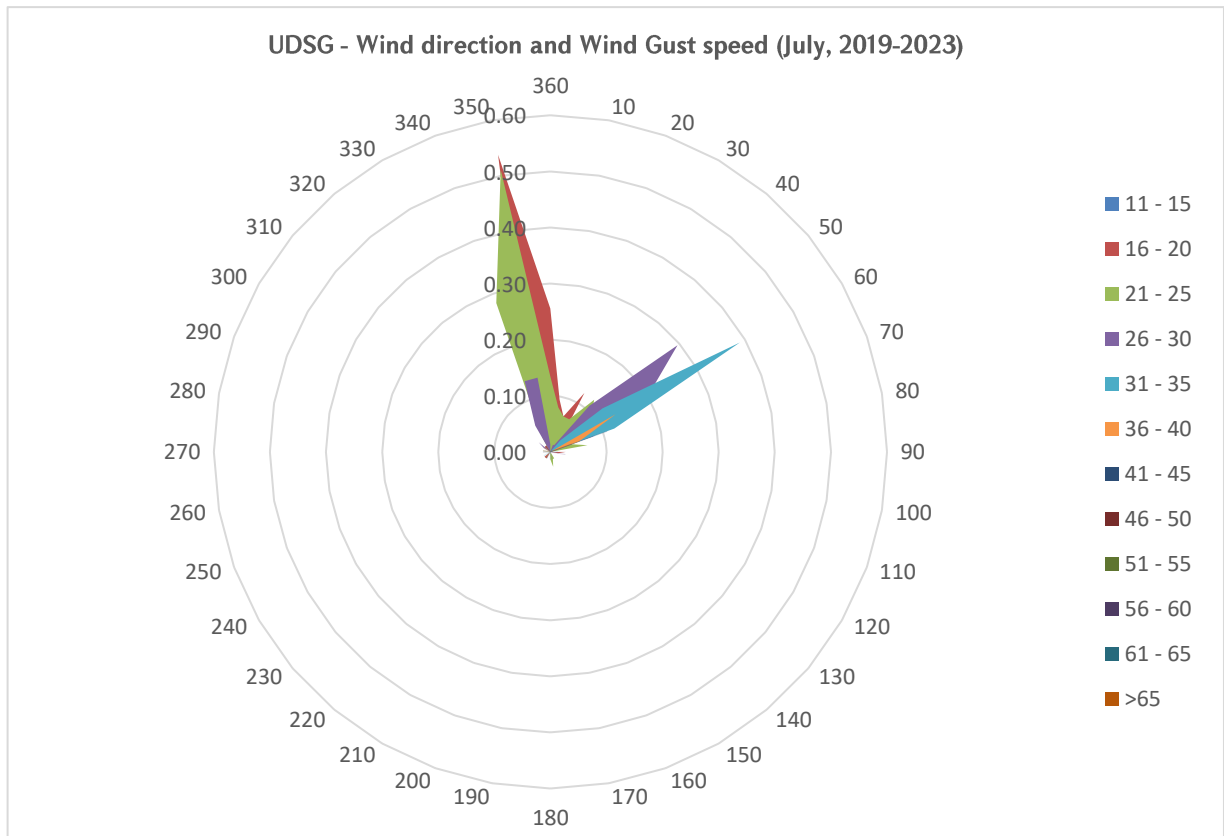
**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.01	0.26	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42
10	0.03	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
20	0.03	0.07	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
30	0.00	0.12	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
40	0.03	0.03	0.12	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
50	0.00	0.04	0.09	0.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55
60	0.01	0.01	0.13	0.20	0.39	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.89
70	0.00	0.04	0.04	0.08	0.12	0.05	0.11	0.04	0.00	0.00	0.00	0.00	0.48
80	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
90	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
100	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
180	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
230	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
280	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
320	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03
330	0.00	0.01	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
340	0.01	0.12	0.28	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55
350	0.01	0.54	0.51	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20
TOTAL	0.17	1.45	1.73	1.13	0.71	0.22	0.12	0.04	0.00	0.00	0.00	0.00	5.58

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.16%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.73%).

The directions of maximum wind gusts are  $350^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

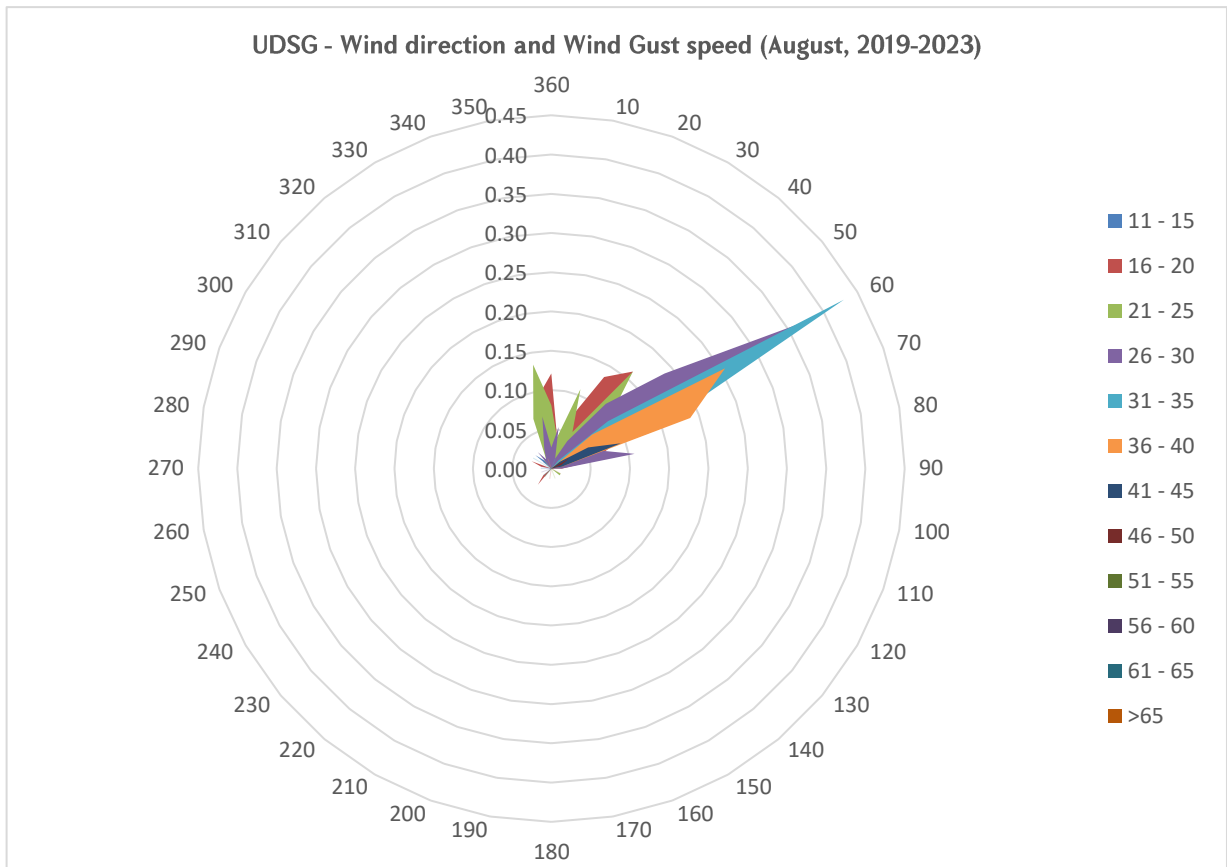
**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.01	0.12	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
10	0.04	0.04	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
20	0.01	0.07	0.11	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
30	0.01	0.13	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
40	0.03	0.16	0.16	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
50	0.01	0.05	0.09	0.19	0.09	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.52
60	0.00	0.12	0.16	0.38	0.43	0.26	0.05	0.03	0.00	0.00	0.00	0.00	1.42
70	0.03	0.08	0.07	0.07	0.13	0.19	0.09	0.01	0.00	0.00	0.00	0.00	0.67
80	0.00	0.05	0.05	0.11	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.24
90	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
130	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	0.00	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05
230	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
280	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
290	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
300	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04
320	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
330	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
340	0.01	0.00	0.07	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.12
350	0.03	0.09	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
TOTAL	0.24	1.08	1.10	1.16	0.73	0.54	0.20	0.04	0.00	0.00	0.00	0.00	5.08

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.24%.

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.16%).

The directions of maximum wind gusts are  $60^\circ$ .





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG

MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

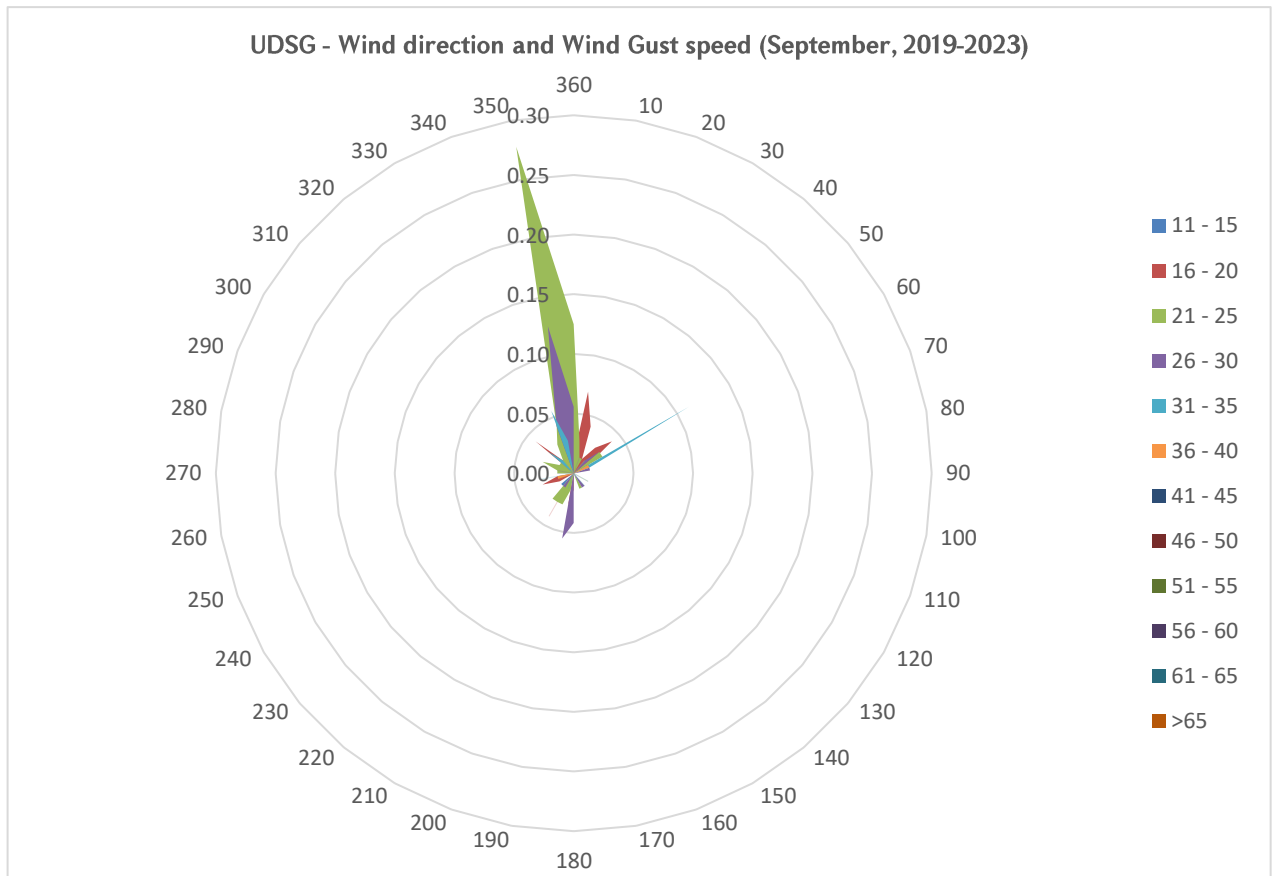
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.01	0.13	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.21
10	0.00	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
20	0.01	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
30	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
40	0.01	0.03	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08
50	0.00	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
60	0.00	0.01	0.03	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.17
70	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
80	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
150	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
160	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
190	0.00	0.03	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
200	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
210	0.00	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
220	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
230	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
250	0.00	0.03	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
260	0.00	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
270	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04
280	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
290	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
300	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
310	0.00	0.04	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
320	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
330	0.01	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
340	0.00	0.03	0.04	0.04	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
350	0.00	0.25	0.28	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68
TOTAL	0.13	0.69	0.83	0.49	0.32	0.08	0.01	0.01	0.00	0.00	0.00	0.00	2.57

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.02%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.83%).

The directions of maximum wind gusts are  $350^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

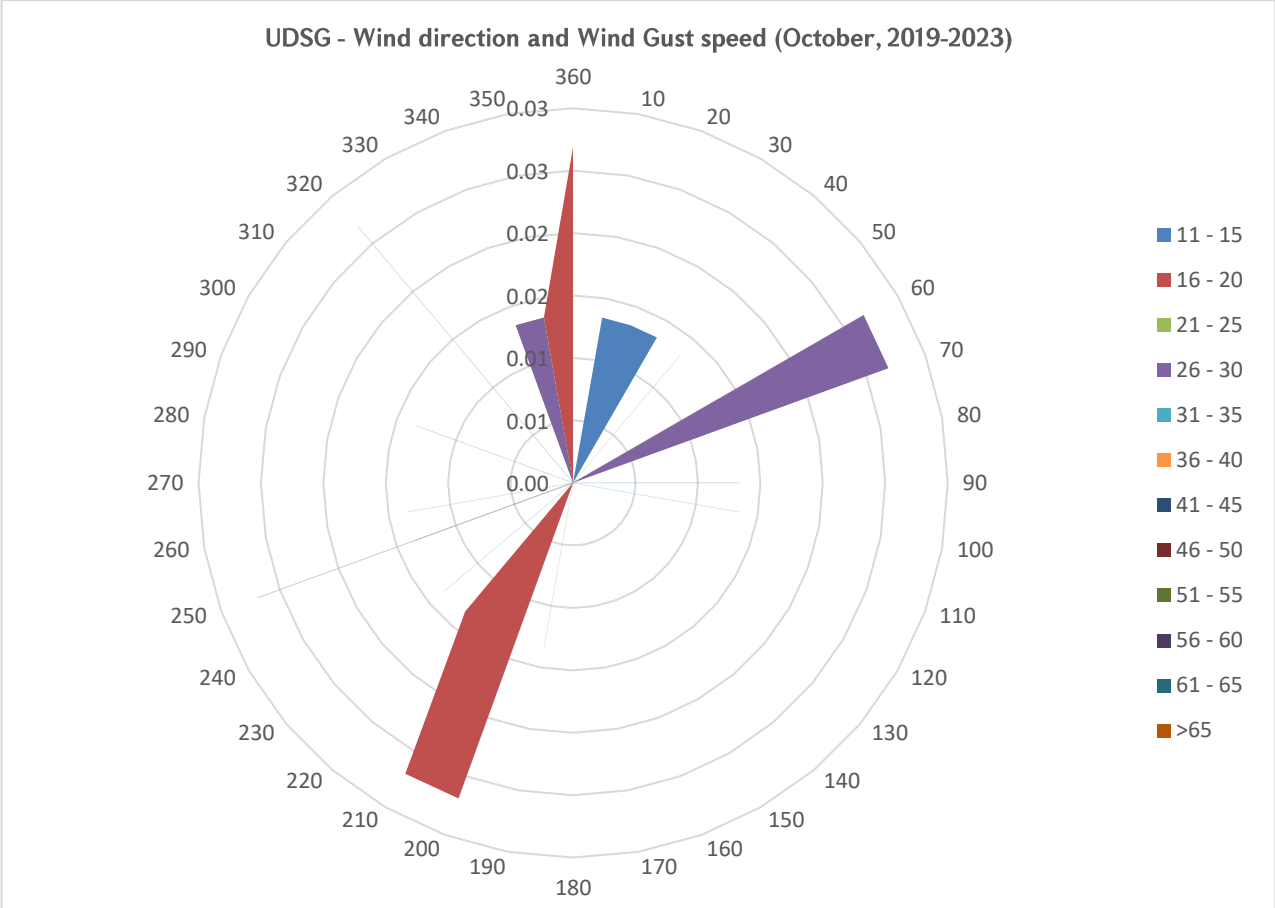
LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
30	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
40	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
70	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
100	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
210	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.03	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
260	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
350	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
TOTAL	0.11	0.13	0.09	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51

The maximum wind gust speed (26-30 knots) corresponds to Strong Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.13%).

The directions of maximum wind gusts are 60°, 70°, 200°, 210° and 360°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

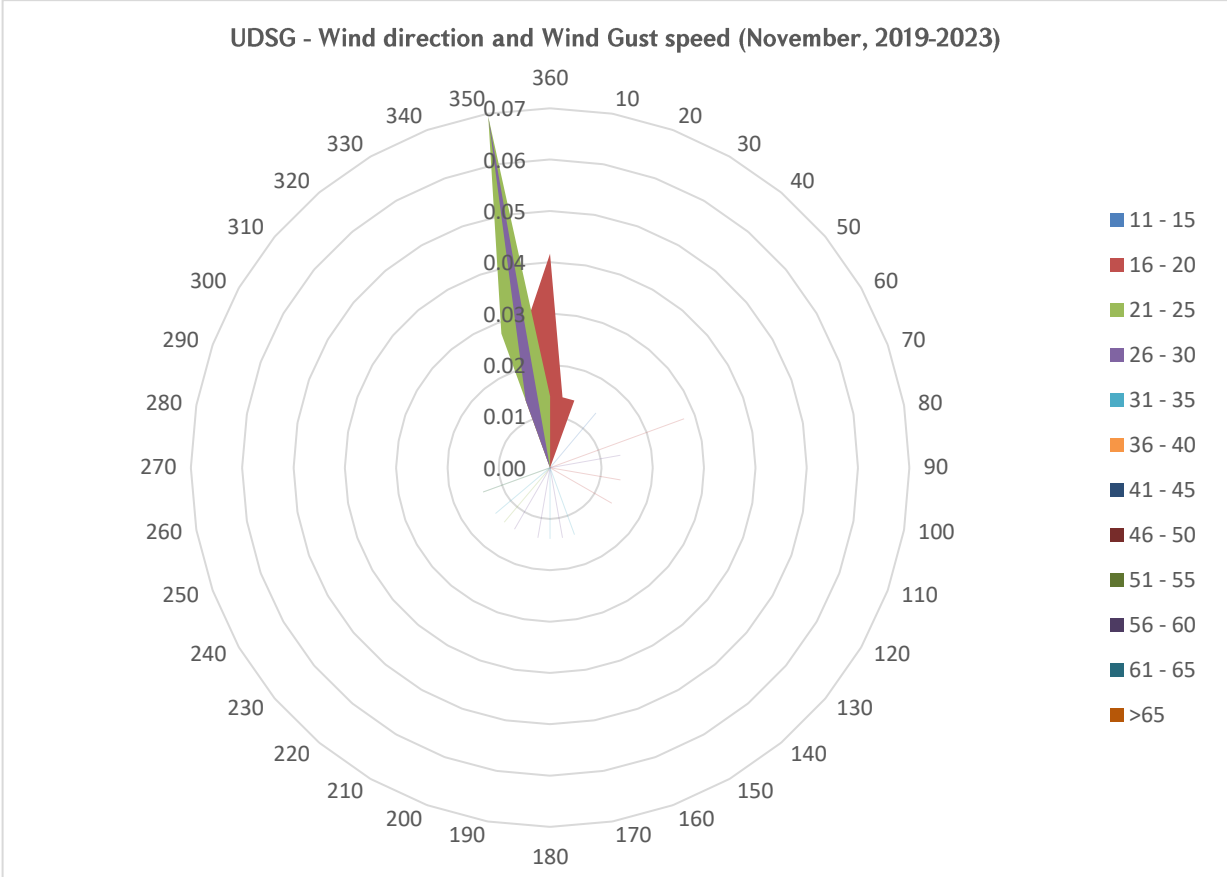
LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
10	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
190	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
220	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
230	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
350	0.00	0.03	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
TOTAL	0.03	0.17	0.14	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51

The maximum wind gust speed (16-20 knots) corresponds to Moderate Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.17%).

The directions of maximum wind gusts are 350°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG

MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

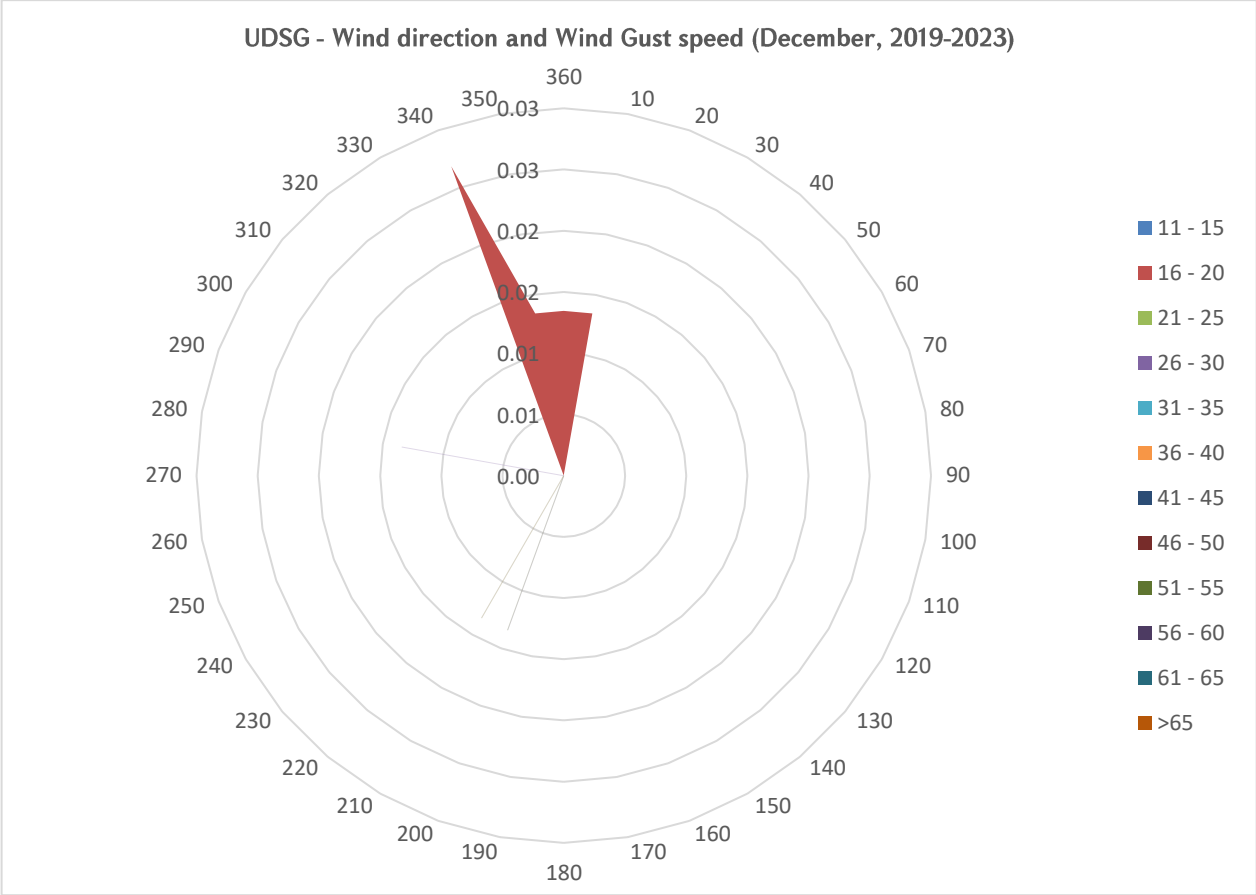
ELEVATION ABOVE MSL: 5000 FT MSL

**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
10	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
210	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
350	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL	0.00	0.07	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.13

The maximum wind gust speed (16-20 knots) corresponds to Moderate Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.07%).

The directions of maximum wind gusts are 340°.





## 5.5 Wind Gust Speed and Direction per Season

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL D

#### TABULAR FORM

AERODROME: UDSG SEASON: WINTER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21,648

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

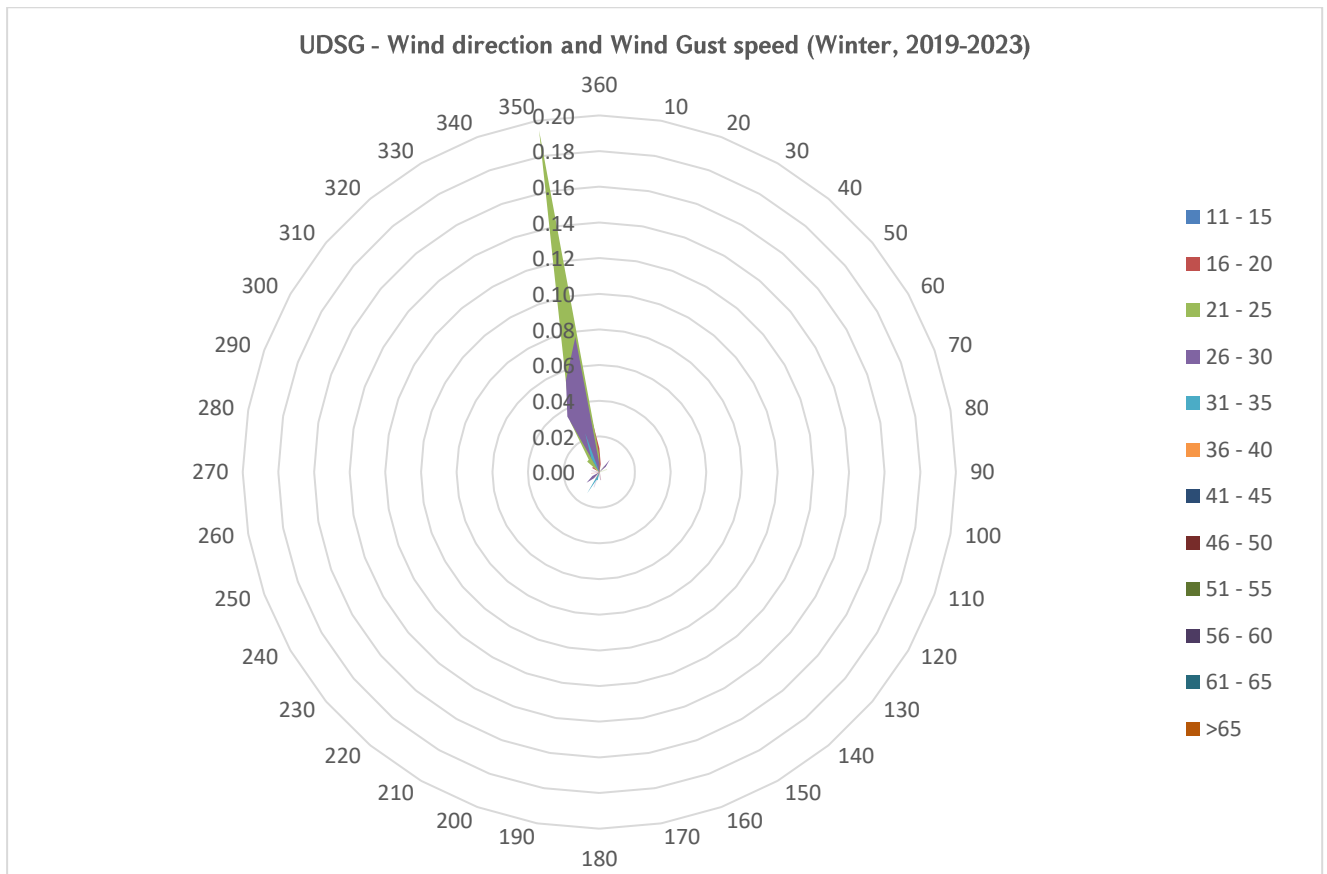
FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
210	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
320	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
330	0.00	0.00	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
340	0.00	0.02	0.05	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16

350	0.00	0.04	0.19	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
TOTAL	0.00	0.11	0.32	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.32%).

The directions of maximum wind gusts are 350°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      SEASON: SPRING

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22,080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

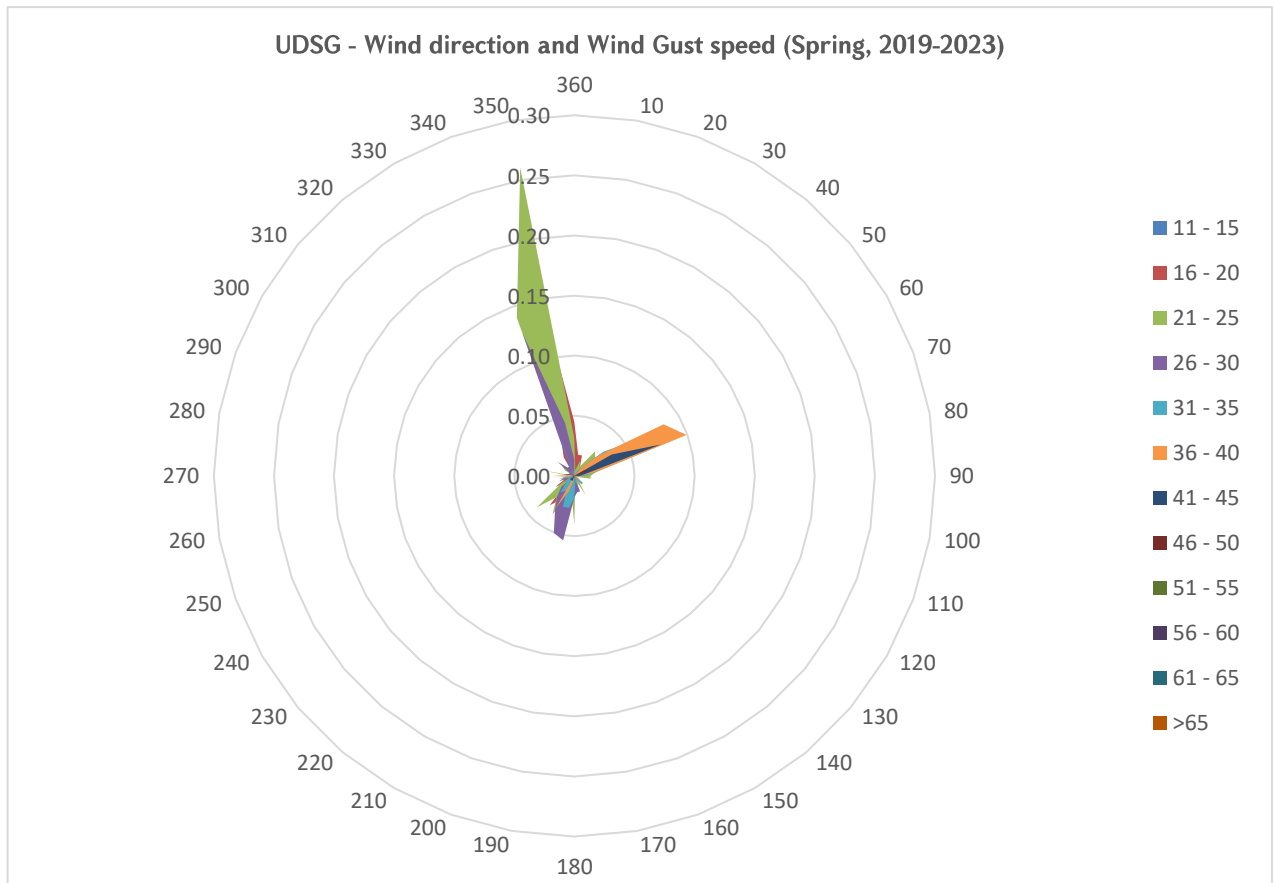
ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
10	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
20	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
30	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
40	0.00	0.00	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
50	0.00	0.03	0.02	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.14
60	0.00	0.01	0.04	0.04	0.06	0.09	0.04	0.01	0.00	0.00	0.00	0.00	0.28
70	0.00	0.01	0.02	0.03	0.09	0.10	0.08	0.01	0.00	0.00	0.00	0.00	0.35
80	0.00	0.00	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.09
90	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
100	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
140	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
150	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
160	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
170	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
180	0.00	0.00	0.04	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
190	0.00	0.02	0.01	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
200	0.00	0.00	0.02	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.12
210	0.00	0.02	0.04	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.14
220	0.01	0.03	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
230	0.00	0.01	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
240	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
250	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
260	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
270	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.04
280	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
310	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
330	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
340	0.01	0.03	0.14	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
350	0.00	0.13	0.26	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44
TOTAL	0.05	0.50	0.92	0.63	0.44	0.36	0.16	0.03	0.01	0.00	0.00	0.00	3.11

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.20%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.92%).

The directions of maximum wind gusts are  $350^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      SEASON: SUMMER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 22,080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

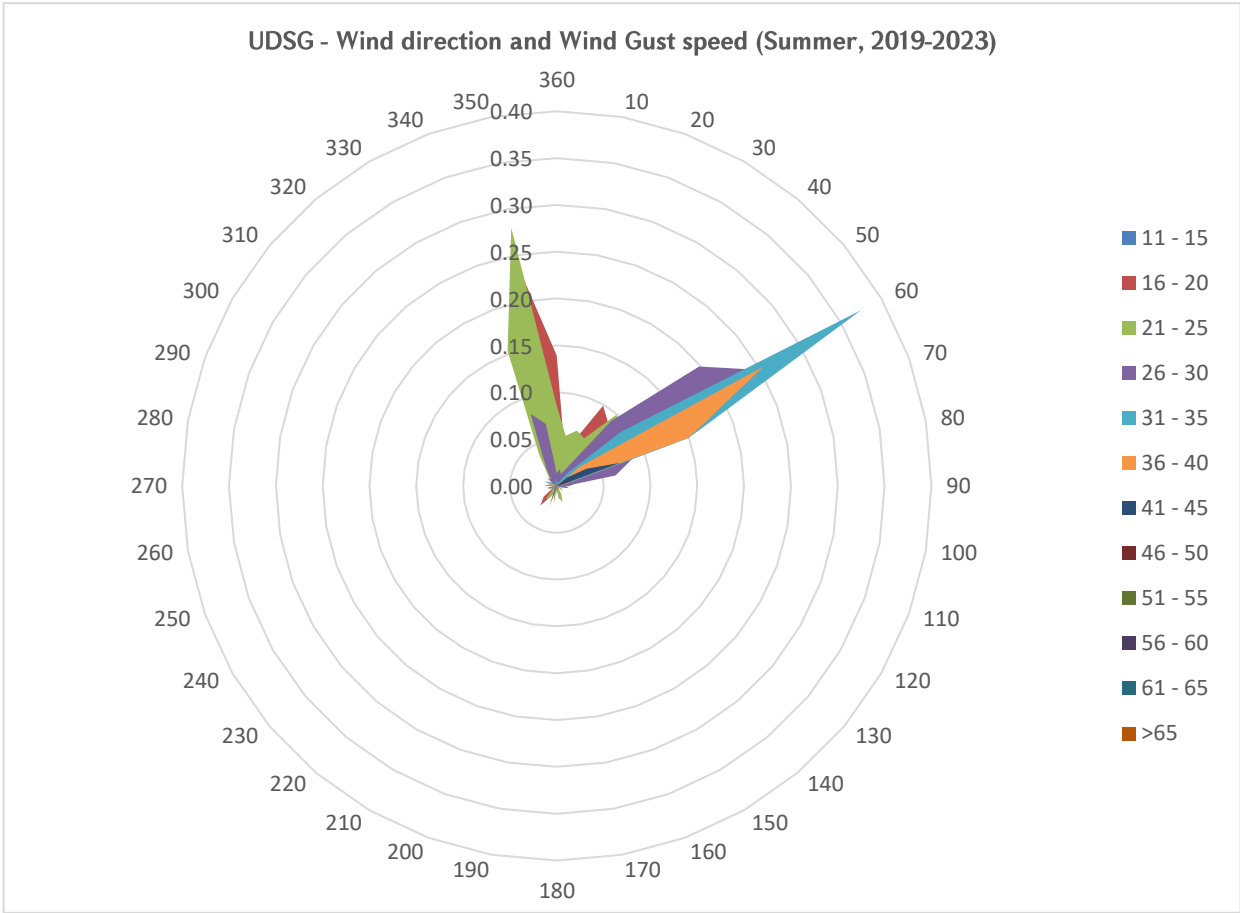
**FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES**

WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.01	0.14	0.09	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26
10	0.03	0.04	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
20	0.02	0.05	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
30	0.01	0.10	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
40	0.02	0.09	0.10	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
50	0.01	0.04	0.10	0.20	0.09	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.48
60	0.00	0.05	0.12	0.25	0.38	0.25	0.04	0.01	0.00	0.00	0.00	0.00	1.10
70	0.01	0.05	0.05	0.09	0.15	0.15	0.07	0.02	0.00	0.00	0.00	0.00	0.58
80	0.00	0.02	0.05	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
90	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
100	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
130	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
160	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
170	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
180	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
190	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
200	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
210	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
220	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
230	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
250	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
260	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
270	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
280	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
290	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
300	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
310	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
320	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
330	0.00	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
340	0.02	0.05	0.15	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
350	0.02	0.24	0.28	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
TOTAL	0.21	1.06	1.34	1.06	0.76	0.48	0.14	0.03	0.00	0.00	0.00	0.00	5.09

The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence - 0.17%.

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 1.34%).

The directions of maximum wind gusts are  $60^{\circ}$  and  $350^{\circ}$ .



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL D**

**TABULAR FORM**

AERODROME: UDSG      SEASON: AUTUMN

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 21,840

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

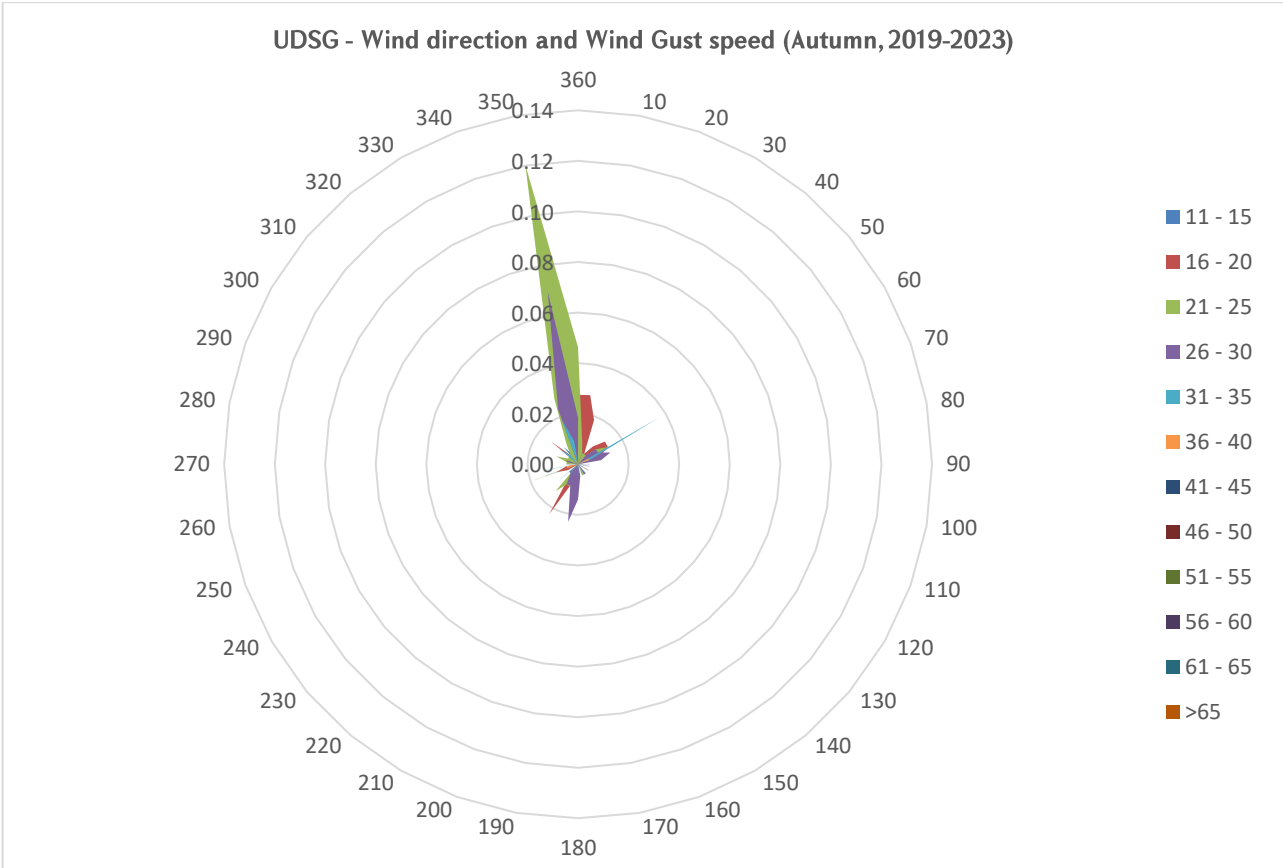
LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	>65	
360	0.00	0.03	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
10	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
20	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
40	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
50	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
60	0.00	0.01	0.01	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
70	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
190	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
200	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
210	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
220	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
230	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
260	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
290	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
310	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
320	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
330	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
340	0.00	0.01	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
350	0.00	0.10	0.12	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
TOTAL	0.09	0.33	0.36	0.25	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	1.20

The maximum wind gust speed (21-25 knots) corresponds to Fresh Breeze according to “Beaufort wind force scale” (frequency of occurrence 0.36%).

The directions of maximum wind gusts are 350°.





## 5.6 Temperature

### AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY

MODEL E

#### TABULAR FORM

AERODROME: UDSG      MONTH: JANUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT    MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES

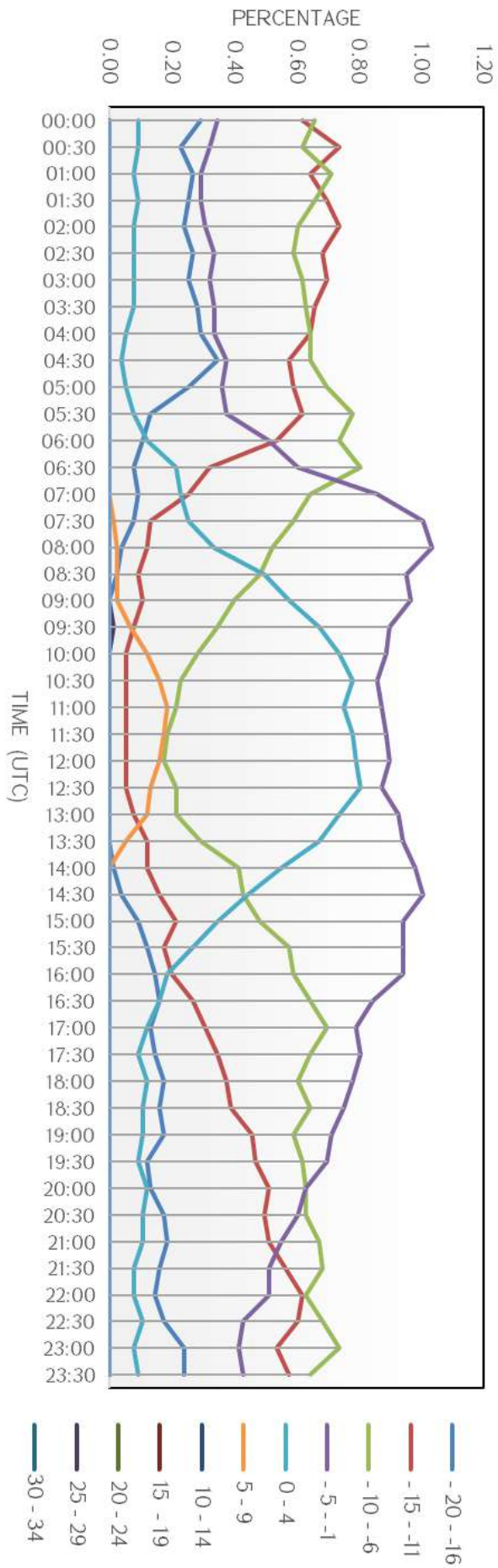
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.30	0.62	0.66	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.23	0.74	0.62	0.32	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.27	0.65	0.71	0.30	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.26	0.70	0.66	0.30	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.24	0.74	0.60	0.31	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.27	0.69	0.59	0.34	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.26	0.70	0.62	0.32	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.28	0.66	0.63	0.34	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.30	0.65	0.65	0.34	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.35	0.58	0.65	0.38	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.26	0.59	0.70	0.36	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.13	0.62	0.78	0.38	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.11	0.54	0.74	0.51	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.08	0.32	0.81	0.60	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.09	0.26	0.65	0.86	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.08	0.13	0.59	1.01	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.04	0.12	0.52	1.03	0.34	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.03	0.09	0.48	0.95	0.50	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.11	0.40	0.97	0.58	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.08	0.35	0.90	0.67	0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00
10:00	0.00	0.05	0.28	0.89	0.74	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.05	0.23	0.86	0.78	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.05	0.22	0.87	0.75	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.05	0.19	0.89	0.78	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.05	0.17	0.90	0.79	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.05	0.22	0.87	0.81	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.08	0.22	0.93	0.74	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.12	0.30	0.94	0.67	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.01	0.12	0.42	0.98	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.04	0.16	0.43	1.01	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.09	0.22	0.48	0.94	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.12	0.17	0.58	0.94	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.15	0.20	0.59	0.94	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.16	0.27	0.65	0.85	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

17:00	0.13	0.31	0.70	0.79	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.15	0.35	0.65	0.81	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.17	0.38	0.60	0.78	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.16	0.39	0.65	0.75	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.17	0.46	0.59	0.71	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.12	0.47	0.62	0.70	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.13	0.51	0.63	0.63	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.17	0.50	0.63	0.60	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.19	0.51	0.67	0.55	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.16	0.56	0.69	0.51	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.15	0.62	0.63	0.51	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.17	0.60	0.69	0.43	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.24	0.54	0.74	0.42	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.24	0.58	0.65	0.43	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	6.52	18.01	26.49	32.30	13.27	1.28	0.00	0.00	0.00	0.01	0.00	0.00	0.00

Min temperature from -20° to -16° (Time 04:30 UTC) – 0.35%

Max temperature from 5° to 9° (Time 11:00 UTC) – 0.19%

Mean dominating temperature from -5° to -1° – 32.30%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL E

#### TABULAR FORM

AERODROME: UDSG      MONTH: FEBRUARY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT    MSL

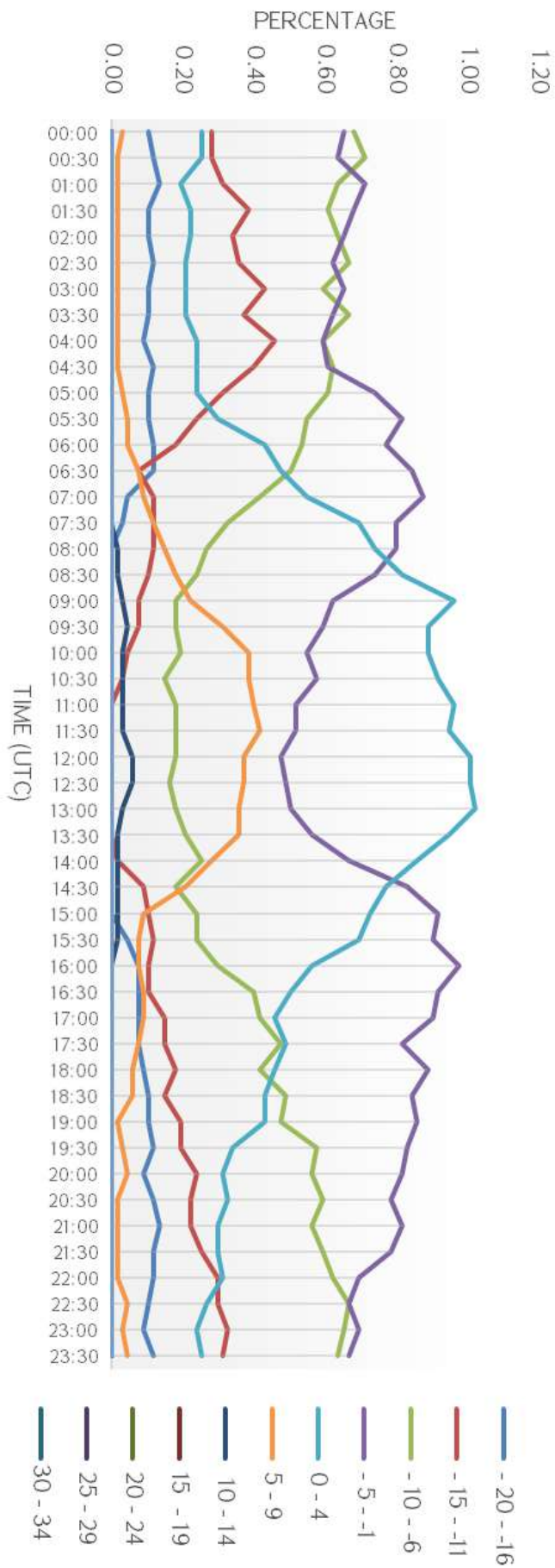
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.10	0.28	0.68	0.65	0.25	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.12	0.28	0.71	0.64	0.25	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.13	0.31	0.64	0.71	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.10	0.38	0.61	0.68	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.10	0.34	0.64	0.65	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.12	0.35	0.66	0.62	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.10	0.43	0.59	0.65	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.10	0.37	0.66	0.62	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.09	0.46	0.59	0.59	0.24	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.12	0.40	0.62	0.61	0.24	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.10	0.31	0.61	0.74	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.10	0.24	0.55	0.81	0.30	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.12	0.18	0.53	0.77	0.43	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.12	0.07	0.50	0.84	0.47	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.04	0.12	0.41	0.87	0.55	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.03	0.12	0.33	0.80	0.69	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.12	0.27	0.80	0.74	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.10	0.24	0.74	0.81	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.07	0.18	0.62	0.96	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.07	0.18	0.59	0.89	0.31	0.04	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.04	0.19	0.55	0.89	0.38	0.03	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.03	0.15	0.58	0.92	0.38	0.03	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.18	0.52	0.96	0.40	0.03	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.18	0.52	0.95	0.41	0.03	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.18	0.47	1.00	0.37	0.06	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.16	0.49	1.00	0.37	0.06	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.18	0.50	1.02	0.35	0.03	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.21	0.56	0.95	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.01	0.25	0.66	0.86	0.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.09	0.18	0.83	0.77	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.10	0.24	0.92	0.72	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.04	0.12	0.24	0.90	0.69	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.07	0.10	0.30	0.98	0.56	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.07	0.10	0.40	0.92	0.50	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.07	0.15	0.41	0.90	0.46	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.07	0.15	0.47	0.81	0.49	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.09	0.18	0.41	0.89	0.46	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00

18:30	0.10	0.15	0.49	0.84	0.43	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.10	0.19	0.47	0.86	0.43	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.12	0.19	0.58	0.83	0.34	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.09	0.24	0.56	0.81	0.31	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.12	0.22	0.59	0.78	0.33	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.13	0.22	0.56	0.81	0.30	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.12	0.25	0.59	0.78	0.30	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.12	0.30	0.62	0.69	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.10	0.30	0.66	0.66	0.27	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.09	0.33	0.65	0.69	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.12	0.31	0.64	0.66	0.25	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	3.25	8.78	20.91	34.41	24.99	5.81	0.44	0.00	0.00	0.00	0.00	0.00	0.00

Min temperature from -20° to -16° (Time 01:00 UTC) – 0.13%

Max temperature from 10° to 14° (Time 12:00 UTC) – 0.06%

Mean dominating temperature from -5° to -1° – 34.41%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: MARCH

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT      MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.03	0.34	0.83	0.58	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.03	0.38	0.79	0.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.04	0.40	0.75	0.62	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.04	0.42	0.81	0.59	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.05	0.40	0.81	0.58	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.05	0.48	0.75	0.59	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.07	0.44	0.78	0.58	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.01	0.04	0.46	0.77	0.59	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.04	0.38	0.81	0.60	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.03	0.24	0.85	0.67	0.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.01	0.11	0.78	0.83	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.07	0.65	0.85	0.51	0.01	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.05	0.51	0.89	0.55	0.08	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.05	0.38	0.91	0.60	0.13	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.01	0.35	0.85	0.63	0.24	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.01	0.31	0.74	0.70	0.32	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.24	0.74	0.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.24	0.66	0.73	0.43	0.03	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.22	0.67	0.70	0.44	0.05	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.20	0.65	0.63	0.55	0.05	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.15	0.62	0.71	0.51	0.09	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.12	0.59	0.79	0.47	0.11	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.13	0.58	0.69	0.52	0.15	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.15	0.58	0.74	0.47	0.15	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.13	0.60	0.73	0.50	0.12	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.16	0.59	0.75	0.46	0.12	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.13	0.66	0.74	0.43	0.12	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.15	0.69	0.73	0.42	0.11	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.17	0.71	0.73	0.43	0.04	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.23	0.73	0.73	0.39	0.01	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.24	0.85	0.69	0.31	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.38	0.82	0.73	0.16	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.01	0.35	0.90	0.66	0.16	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.03	0.47	0.86	0.59	0.13	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.05	0.55	0.86	0.52	0.09	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.09	0.54	0.86	0.54	0.05	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.09	0.62	0.81	0.54	0.03	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.08	0.71	0.82	0.46	0.01	0.00	0.00	0.00	0.00	0.00	0.00

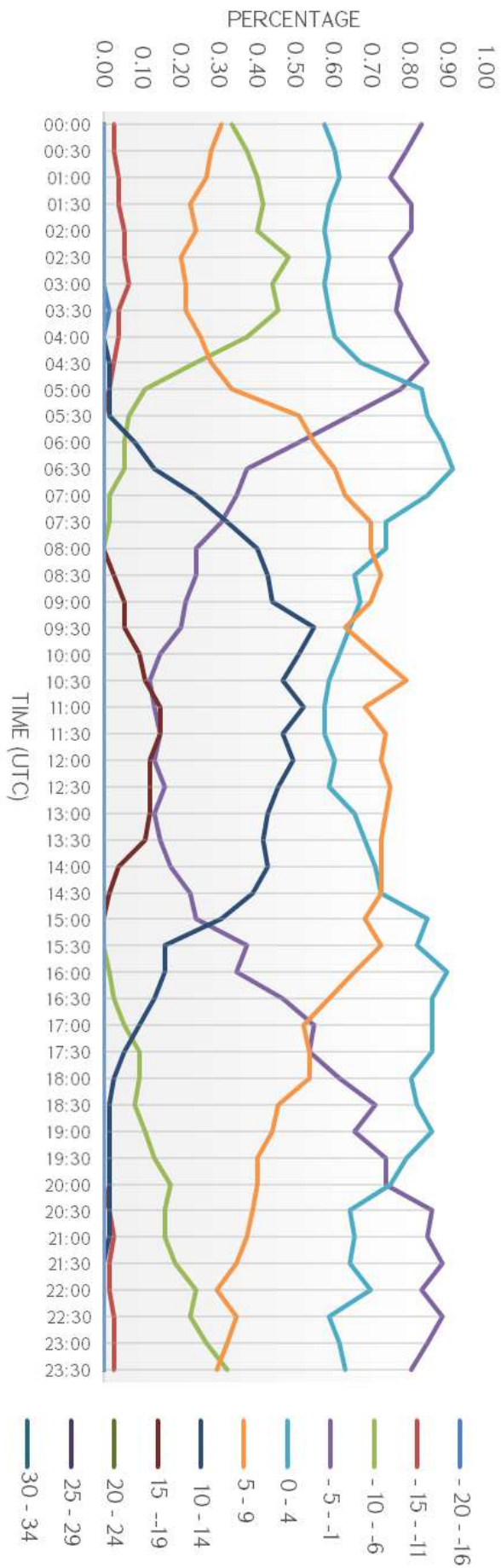
19:00	0.00	0.00	0.11	0.66	0.86	0.44	0.01	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.13	0.74	0.79	0.40	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.17	0.74	0.75	0.40	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.01	0.16	0.86	0.65	0.39	0.01	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.03	0.16	0.85	0.66	0.38	0.01	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.01	0.19	0.89	0.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.01	0.24	0.83	0.70	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.03	0.23	0.89	0.59	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.03	0.27	0.85	0.62	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.03	0.32	0.81	0.63	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.01	0.58	6.60	25.31	33.80	24.26	8.27	1.16	0.00	0.00	0.00	0.00	0.00

Min temperature from -20° to -16° (Time 03:30 UTC) – 0.01%

Max temperature from 15° to 19° (Time 11:30 UTC) – 0.15%

Mean dominating temperature from 0° to 4° – 33.80%





## AERONAUTICAL CLIMATOLOGY

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: APRIL

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS : 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT    MSL

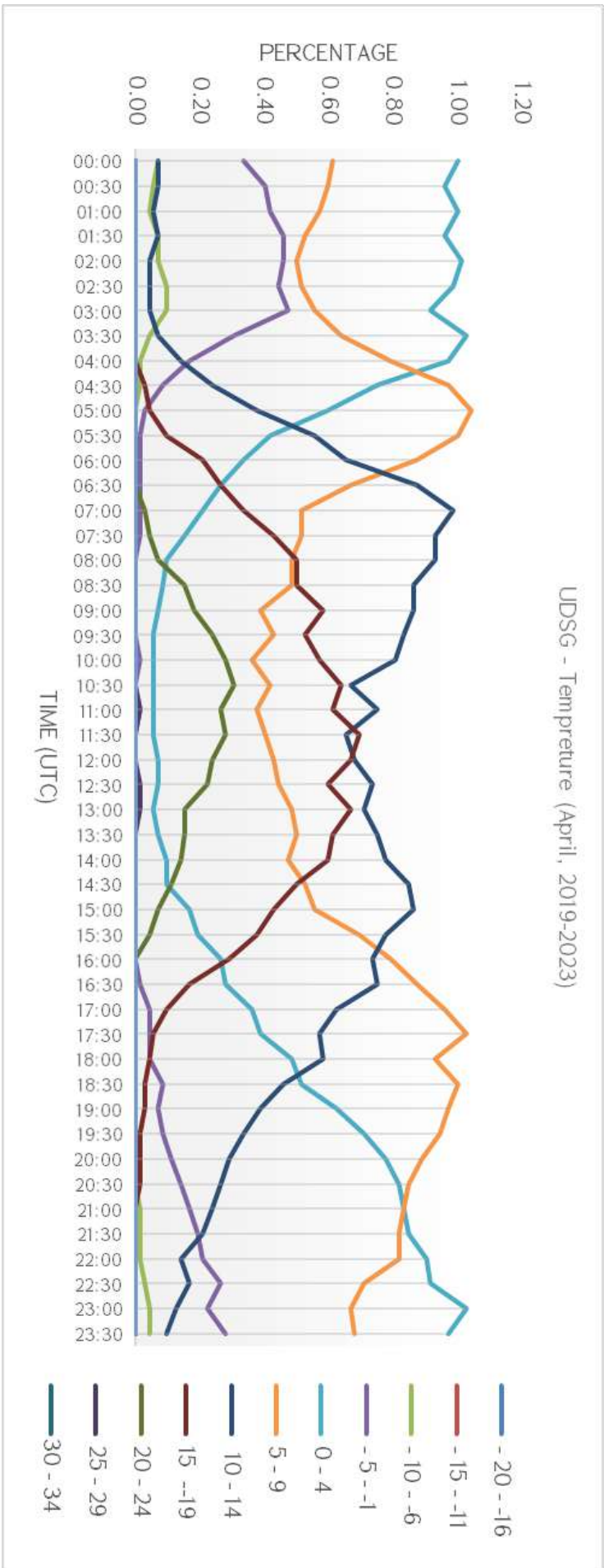
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 -- -16	-15 -- -11	-10 -- -6	-5 -- -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.07	0.33	1.00	0.61	0.07	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.06	0.40	0.96	0.60	0.07	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.04	0.42	1.00	0.57	0.06	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.07	0.46	0.96	0.53	0.07	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.07	0.46	1.01	0.50	0.04	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.10	0.44	0.99	0.51	0.04	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.10	0.47	0.92	0.56	0.04	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.04	0.31	1.03	0.64	0.07	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.01	0.17	0.97	0.79	0.14	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.01	0.08	0.75	0.97	0.24	0.03	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.03	0.60	1.04	0.38	0.04	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.01	0.42	1.00	0.56	0.10	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.01	0.33	0.88	0.65	0.21	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.01	0.26	0.67	0.88	0.26	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.01	0.21	0.51	0.99	0.33	0.03	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.01	0.15	0.51	0.93	0.43	0.04	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.10	0.49	0.93	0.50	0.07	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.08	0.49	0.86	0.50	0.15	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.07	0.39	0.86	0.58	0.18	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.06	0.43	0.83	0.53	0.24	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.01	0.06	0.36	0.81	0.57	0.28	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.06	0.42	0.67	0.64	0.31	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.01	0.06	0.38	0.75	0.61	0.26	0.01	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.06	0.40	0.65	0.69	0.28	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.07	0.43	0.68	0.67	0.24	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.07	0.44	0.74	0.60	0.22	0.01	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.06	0.49	0.71	0.67	0.15	0.01	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.07	0.50	0.75	0.61	0.15	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.10	0.47	0.78	0.60	0.14	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.10	0.53	0.85	0.50	0.11	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.17	0.56	0.86	0.43	0.07	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.19	0.69	0.78	0.38	0.04	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.26	0.79	0.74	0.29	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.01	0.28	0.88	0.75	0.17	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.04	0.36	0.96	0.63	0.10	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.04	0.39	1.03	0.57	0.06	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.04	0.49	0.93	0.58	0.04	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.08	0.51	1.00	0.46	0.03	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.07	0.63	0.97	0.39	0.03	0.00	0.00	0.00	0.00	0.00

19:30	0.00	0.00	0.00	0.08	0.71	0.94	0.33	0.01	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.11	0.78	0.89	0.29	0.01	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.14	0.82	0.85	0.26	0.01	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.01	0.17	0.83	0.83	0.24	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.01	0.19	0.85	0.82	0.21	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.01	0.21	0.90	0.82	0.14	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.03	0.26	0.92	0.71	0.17	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.04	0.22	1.03	0.67	0.13	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.04	0.28	0.97	0.68	0.10	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.72	5.63	23.63	32.11	23.68	11.22	2.96	0.04	0.00	0.00	0.00

Min temperature from  $-10^{\circ}$  to  $-6^{\circ}$  (Time 02:00 UTC) – 0.07%

Max temperature from  $25^{\circ}$  to  $29^{\circ}$  (Time 11:00 UTC) – 0.01%

Mean dominating temperature from  $5^{\circ}$  to  $9^{\circ}$  – 32.11%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UYDZ      MONTH: MAY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT    MSL

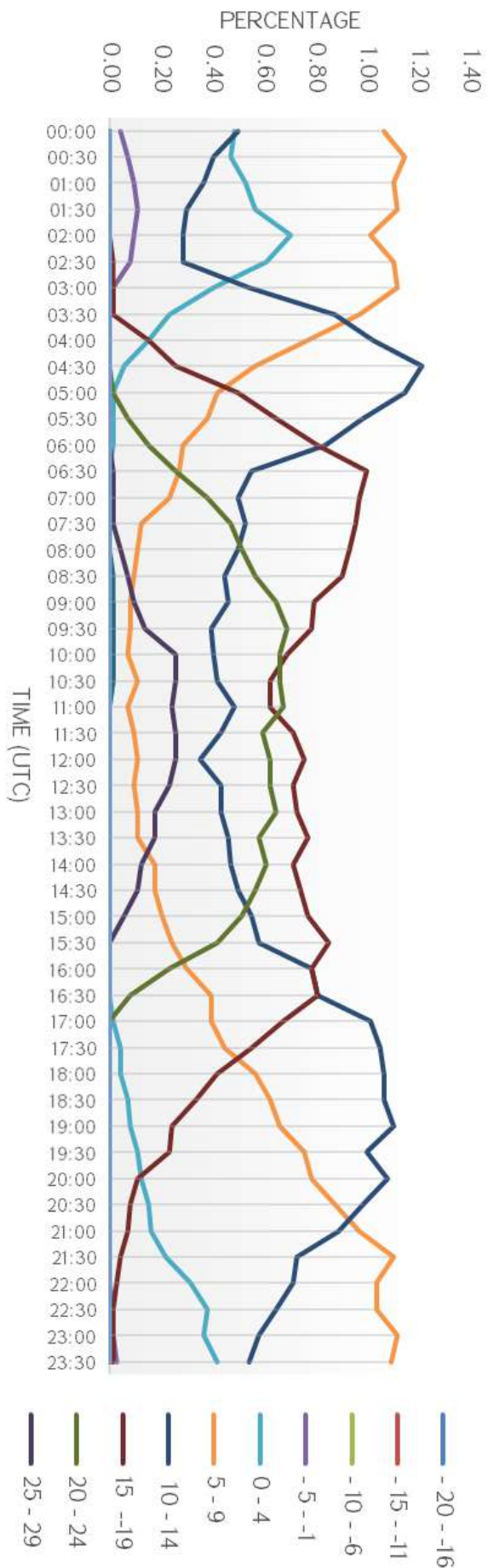
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.04	0.48	1.06	0.50	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.07	0.47	1.14	0.40	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.09	0.52	1.10	0.36	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.11	0.56	1.12	0.30	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.09	0.70	1.01	0.28	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.08	0.60	1.10	0.28	0.01	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.01	0.40	1.12	0.54	0.01	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.23	0.97	0.87	0.01	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.15	0.77	1.02	0.15	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.05	0.56	1.21	0.26	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.01	0.42	1.14	0.50	0.01	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.01	0.38	0.98	0.65	0.07	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.01	0.28	0.83	0.81	0.15	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.27	0.55	0.99	0.26	0.01	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.23	0.50	0.97	0.38	0.01	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.12	0.52	0.95	0.47	0.01	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.11	0.50	0.93	0.51	0.04	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.09	0.44	0.90	0.56	0.07	0.01	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.08	0.46	0.79	0.65	0.09	0.01	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.08	0.39	0.78	0.69	0.13	0.01	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.07	0.40	0.69	0.66	0.26	0.01	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.01	0.11	0.42	0.62	0.66	0.26	0.01	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.07	0.48	0.62	0.67	0.24	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.09	0.43	0.71	0.59	0.26	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.11	0.35	0.75	0.62	0.26	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.09	0.43	0.71	0.62	0.23	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.11	0.43	0.73	0.65	0.17	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.11	0.46	0.77	0.58	0.17	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.17	0.47	0.71	0.60	0.12	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.17	0.50	0.74	0.56	0.11	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.20	0.55	0.77	0.51	0.05	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.24	0.58	0.85	0.42	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.30	0.78	0.78	0.23	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.39	0.81	0.81	0.08	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.01	0.39	1.01	0.67	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.04	0.44	1.05	0.55	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.04	0.56	1.06	0.42	0.00	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.07	0.62	1.06	0.34	0.00	0.00	0.00	0.00	0.00

19:00	0.00	0.00	0.00	0.00	0.08	0.66	1.10	0.24	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.11	0.75	0.99	0.23	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.12	0.78	1.08	0.11	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.15	0.87	0.98	0.08	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.16	0.97	0.89	0.07	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.22	1.10	0.73	0.04	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.31	1.03	0.71	0.03	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.01	0.38	1.03	0.65	0.01	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.01	0.36	1.12	0.58	0.01	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.03	0.42	1.09	0.54	0.01	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.55	6.69	25.66	31.59	21.76	11.18	2.50	0.07	0.00	0.00

Min temperature from -5<sup>o</sup> to -1<sup>o</sup> (Time 01:30 UTC) – 0.11%

Max temperature from 30<sup>o</sup> to 34<sup>o</sup> (Time 11:00 UTC) – 0.01%

Mean dominating temperature from 10<sup>o</sup> to 14<sup>o</sup> – 31.59%



UDSG - Temperature (May, 2019-2023)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY

MODEL E

#### TABULAR FORM

AERODROME: UDSG      MONTH: JUNE

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT    MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.00	0.03	0.40	1.17	0.40	0.08	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.03	0.53	1.14	0.36	0.03	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.04	0.53	1.13	0.38	0.01	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.06	0.64	1.03	0.32	0.04	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.10	0.61	1.04	0.31	0.03	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.03	0.57	1.14	0.32	0.03	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.28	1.32	0.43	0.06	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.06	1.26	0.67	0.10	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.03	0.89	0.94	0.22	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.50	1.24	0.33	0.01	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.32	0.53	0.07	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.11	0.76	0.15	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.97	0.85	0.25	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.76	1.03	0.26	0.01	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.44	1.24	0.32	0.06	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.33	1.26	0.36	0.08	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24	1.28	0.44	0.11	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.25	0.51	0.14	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.07	0.69	0.15	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.97	0.83	0.17	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.93	0.88	0.18	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.86	0.88	0.21	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.21	0.78	0.83	0.22	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.29	0.71	0.85	0.21	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.65	0.94	0.14	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.25	0.78	0.92	0.10	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.35	0.74	0.89	0.10	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.40	0.76	0.83	0.04	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.53	0.78	0.71	0.03	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.49	1.00	0.53	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.61	0.94	0.43	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.75	0.96	0.26	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.78	0.99	0.13	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.99	0.81	0.04	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	1.13	0.60	0.03	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.01	0.40	1.21	0.44	0.01	0.00	0.00	0.00

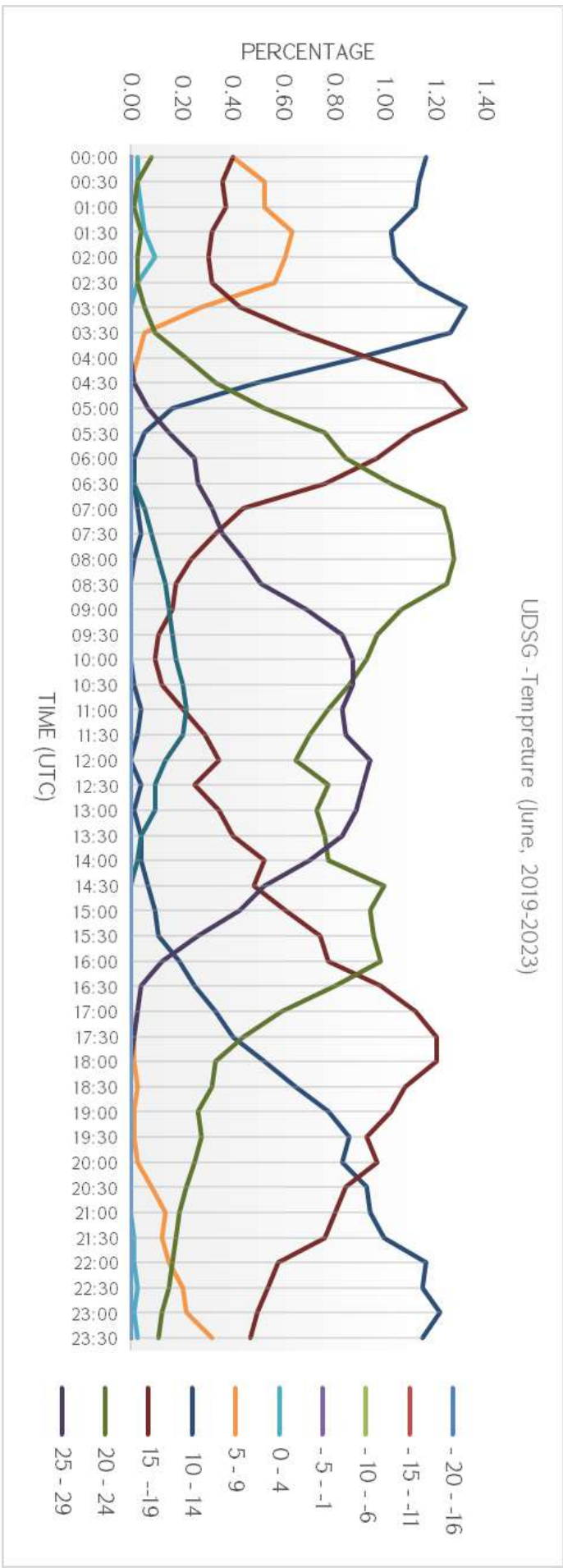


18:00	0.00	0.00	0.00	0.00	0.00	0.01	0.53	1.21	0.33	0.00	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.03	0.65	1.08	0.32	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.01	0.78	1.03	0.26	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.01	0.86	0.93	0.28	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.03	0.83	0.97	0.25	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.08	0.93	0.85	0.22	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.14	0.94	0.81	0.19	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.01	0.13	1.00	0.76	0.18	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.01	0.15	1.17	0.58	0.17	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.03	0.21	1.15	0.54	0.15	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.01	0.22	1.22	0.50	0.13	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.03	0.32	1.15	0.47	0.11	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.38	5.00	23.85	29.28	26.49	13.07	1.94	0.00	0.00

Min temperature from 0° to 4° (Time 21:30 UTC) – 0.01%

Max temperature from 30° to 34° (Time 11:00 UTC) – 0.22%

Mean dominating temperature from 15° to 19° – 29.28%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: JULY

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT      MSL

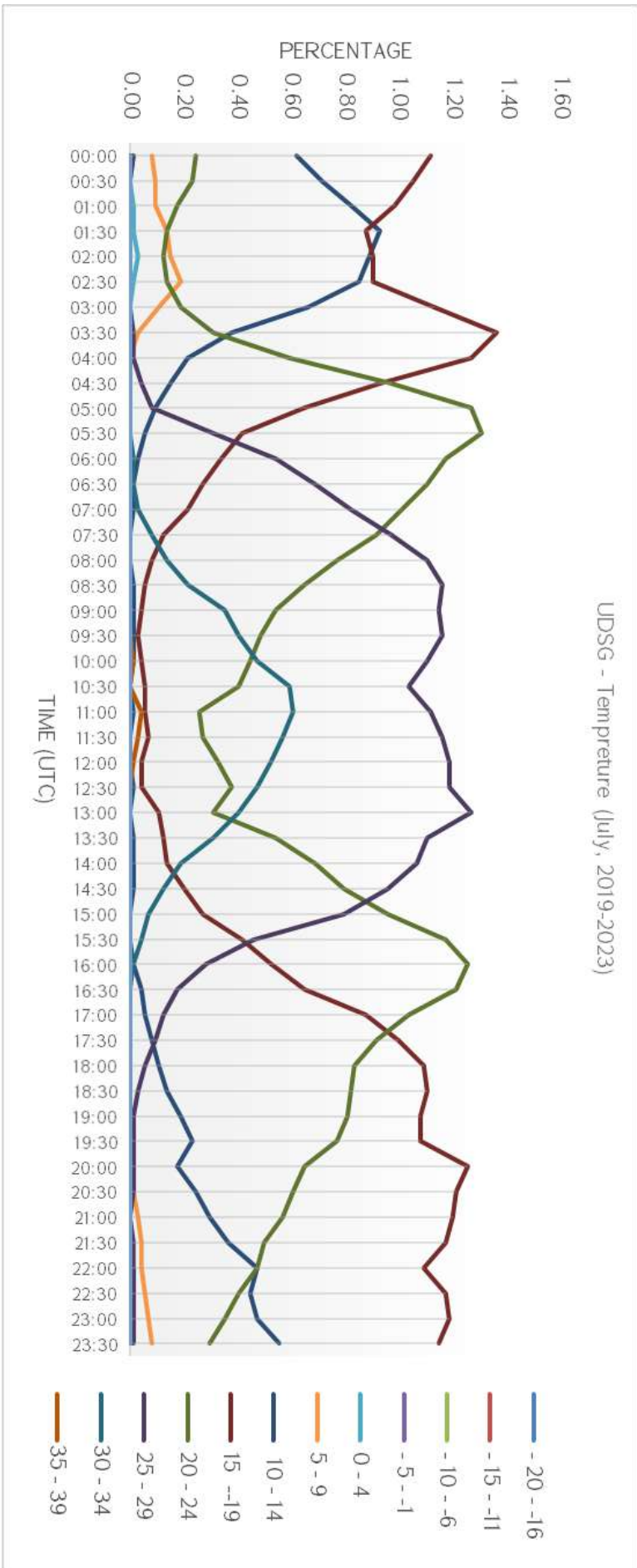
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.00	0.00	0.01	0.08	0.62	1.12	0.24	0.01	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.09	0.71	1.05	0.23	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.01	0.09	0.82	0.98	0.17	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.01	0.13	0.93	0.87	0.13	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.03	0.15	0.89	0.90	0.12	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.01	0.19	0.85	0.90	0.13	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.11	0.66	1.13	0.19	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.03	0.38	1.36	0.31	0.01	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.26	0.59	0.01	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.93	0.97	0.04	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.65	1.26	0.08	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.42	1.30	0.31	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.34	1.17	0.54	0.01	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.27	1.10	0.69	0.01	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.22	1.01	0.82	0.03	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.91	0.97	0.08	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.77	1.10	0.13	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.65	1.16	0.22	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.54	1.14	0.35	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.48	1.16	0.40	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.44	1.10	0.47	0.01	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.40	1.03	0.59	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.26	1.12	0.60	0.04	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.27	1.16	0.56	0.03	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.32	1.18	0.52	0.01	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.38	1.18	0.47	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.31	1.26	0.40	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.54	1.10	0.31	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.69	1.06	0.19	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	0.79	0.95	0.12	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.95	0.79	0.07	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	1.17	0.46	0.04	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.52	1.25	0.28	0.01	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.65	1.21	0.17	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.87	1.03	0.12	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.99	0.91	0.09	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.09	0.83	0.05	0.00	0.00	0.00
18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.10	0.82	0.03	0.00	0.00	0.00

19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.08	0.81	0.01	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.23	1.08	0.77	0.01	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.25	0.65	0.01	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.01	0.24	1.21	0.60	0.01	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.03	0.30	1.20	0.56	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.04	0.36	1.17	0.50	0.01	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.04	0.47	1.09	0.47	0.01	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.05	0.44	1.17	0.40	0.01	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.07	0.47	1.18	0.35	0.01	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.08	0.55	1.14	0.30	0.01	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.08	1.20	10.39	31.03	30.27	21.32	5.60	0.09	0.00

Min temperature from 0° to 4° (Time 01:00 UTC) – 0.01%

Max temperature from 35° to 39° (Time 11:00 UTC) – 0.04%

Mean dominating temperature from 15° to 19° – 31.03%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: AUGUST

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N      LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

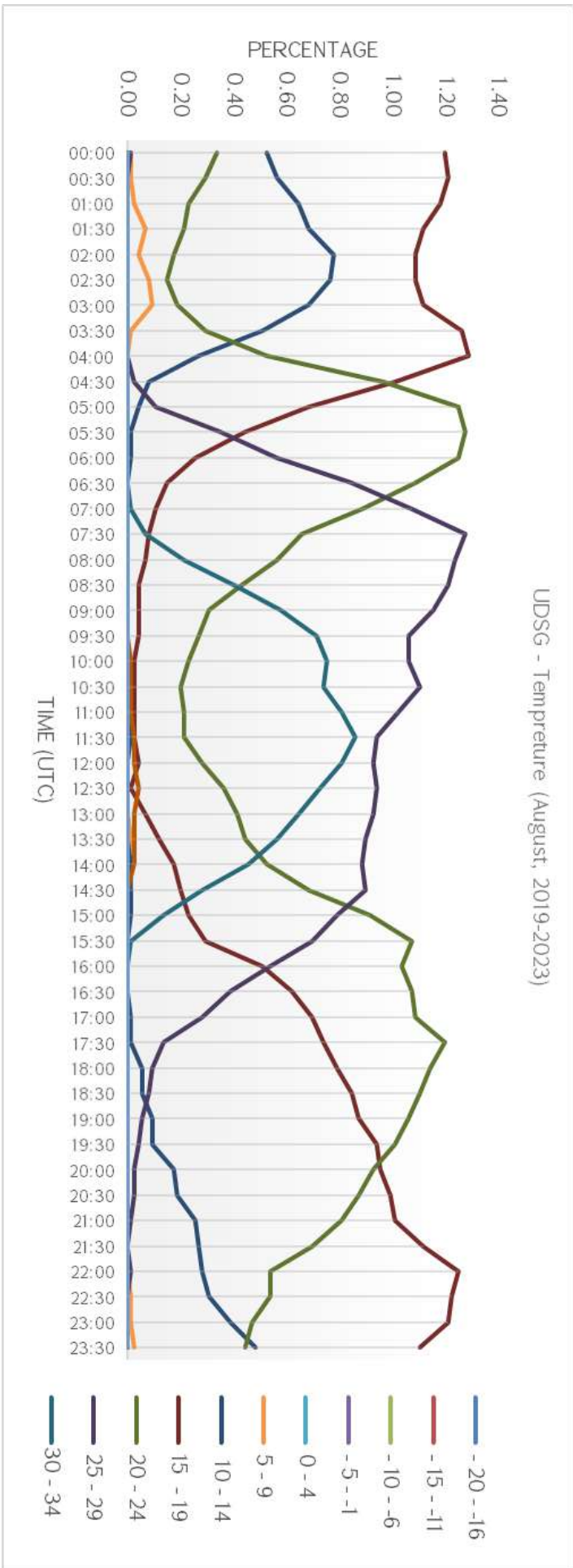
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.00	0.00	0.01	0.52	1.20	0.34	0.01	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.00	0.01	0.56	1.21	0.30	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.00	0.03	0.65	1.18	0.23	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.00	0.07	0.69	1.12	0.22	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.00	0.04	0.78	1.09	0.17	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.00	0.08	0.77	1.09	0.15	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.00	0.00	0.09	0.69	1.12	0.19	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.00	0.01	0.51	1.26	0.30	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	1.29	0.52	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.00	0.08	1.01	0.97	0.03	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.69	1.25	0.11	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.44	1.28	0.35	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.26	1.25	0.56	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.09	0.85	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.89	1.08	0.01	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.66	1.28	0.07	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.56	1.24	0.22	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.43	1.21	0.40	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.31	1.16	0.58	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.27	1.06	0.71	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.23	1.06	0.75	0.01	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.20	1.10	0.74	0.01	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.22	1.02	0.81	0.01	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.22	0.94	0.86	0.03	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.28	0.93	0.81	0.03	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.36	0.94	0.73	0.04	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.42	0.93	0.65	0.03	0.00
13:30	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.12	0.44	0.90	0.56	0.03	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17	0.52	0.89	0.46	0.03	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	0.69	0.90	0.28	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.23	0.91	0.79	0.13	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.08	0.70	0.01	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.03	0.54	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	1.08	0.39	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.70	1.09	0.28	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.74	1.20	0.13	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.79	1.14	0.09	0.00	0.00	0.00

18:30	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.85	1.10	0.08	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.87	1.06	0.05	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.94	1.01	0.04	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.95	0.93	0.03	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.99	0.87	0.03	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	1.01	0.81	0.01	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.00	0.00	0.27	1.12	0.70	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.25	0.54	0.01	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.00	0.01	0.31	1.22	0.54	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.01	0.39	1.21	0.47	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.00	0.03	0.48	1.10	0.44	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.01	0.42	8.31	29.60	30.93	21.72	8.78	0.22	0.00

Min temperature from 0° to 4° (Time 13:30 UTC) – 0.01%

Max temperature from 35° to 39° (Time 12:30 UTC) – 0.04%

Mean dominating temperature from 20° to 24° – 30.93%





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: SEPTEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

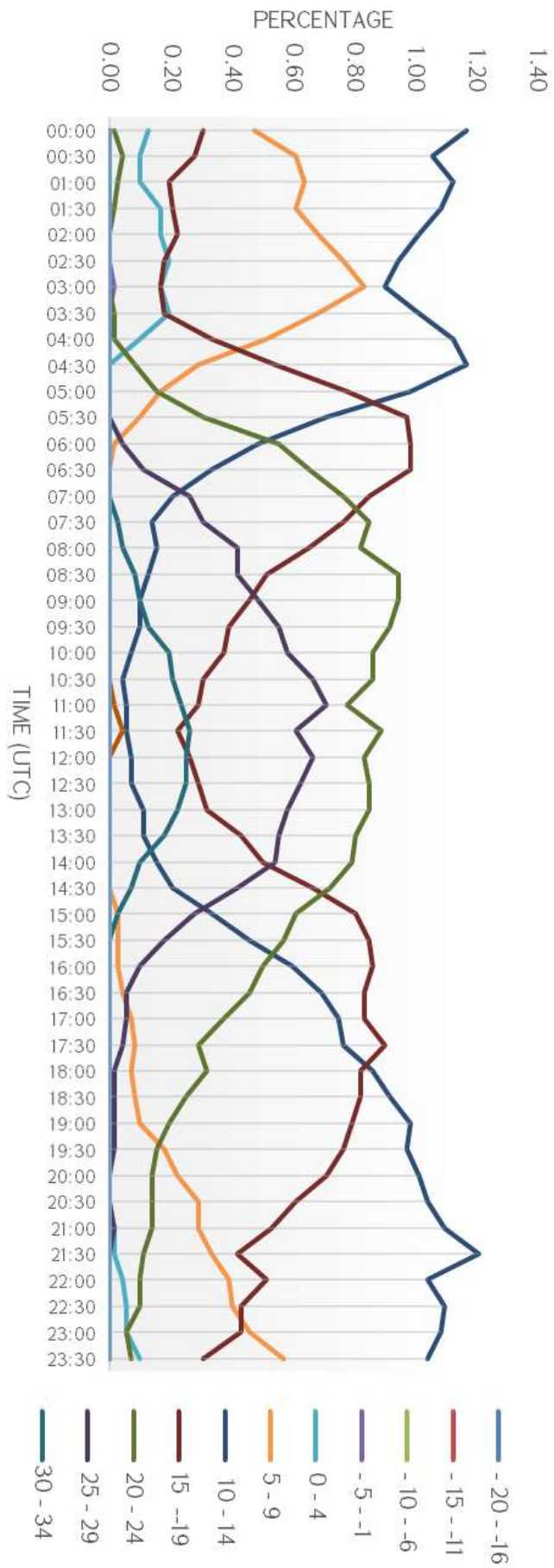
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20--16	-15--11	-10--6	-5--1	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
00:00	0.00	0.00	0.00	0.00	0.13	0.47	1.17	0.31	0.01	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.00	0.00	0.10	0.61	1.06	0.28	0.04	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.00	0.00	0.10	0.64	1.13	0.19	0.03	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.00	0.00	0.17	0.61	1.08	0.21	0.01	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.00	0.00	0.17	0.68	1.01	0.22	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.00	0.00	0.19	0.76	0.94	0.18	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.00	0.01	0.17	0.83	0.90	0.17	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.00	0.00	0.19	0.68	1.01	0.18	0.01	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.00	0.00	0.10	0.51	1.13	0.33	0.01	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.00	0.00	0.00	0.29	1.17	0.54	0.08	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.00	0.00	0.17	0.99	0.78	0.15	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.00	0.10	0.71	0.97	0.31	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.00	0.01	0.49	0.99	0.56	0.04	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.99	0.65	0.11	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.85	0.76	0.26	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.76	0.85	0.31	0.03	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.65	0.82	0.42	0.04	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.51	0.94	0.42	0.08	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.46	0.94	0.49	0.10	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.39	0.92	0.56	0.13	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.38	0.86	0.58	0.19	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.31	0.86	0.67	0.21	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.29	0.78	0.71	0.24	0.01	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.22	0.89	0.61	0.26	0.04	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.26	0.83	0.67	0.25	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.29	0.85	0.63	0.25	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.32	0.85	0.58	0.22	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.43	0.81	0.56	0.18	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.50	0.79	0.54	0.10	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.67	0.72	0.42	0.07	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.81	0.61	0.28	0.03	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.00	0.03	0.46	0.85	0.57	0.18	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.03	0.60	0.86	0.50	0.10	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.00	0.00	0.04	0.69	0.83	0.46	0.06	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.07	0.75	0.83	0.38	0.06	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.00	0.00	0.08	0.76	0.90	0.29	0.04	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.07	0.86	0.82	0.32	0.01	0.00	0.00	0.00

18:30	0.00	0.00	0.00	0.00	0.00	0.08	0.92	0.82	0.25	0.01	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.10	0.99	0.79	0.19	0.01	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.00	0.00	0.18	0.97	0.76	0.15	0.01	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.22	1.01	0.71	0.14	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.00	0.00	0.29	1.04	0.61	0.14	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.01	0.29	1.10	0.53	0.14	0.01	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.00	0.01	0.33	1.21	0.42	0.11	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.04	0.39	1.04	0.51	0.10	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.00	0.00	0.06	0.40	1.10	0.43	0.10	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.06	0.46	1.08	0.43	0.06	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.00	0.00	0.10	0.57	1.04	0.31	0.07	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.01	1.58	10.04	30.83	25.85	19.92	9.33	2.38	0.06	0.00

Min temperature from 0° to 4° (Time 21:30 UTC) – 0.01%

Max temperature from 35° to 39° (Time 11:30 UTC) – 0.04%

Mean dominating temperature from 10° to 14° – 30.83%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: OCTOBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

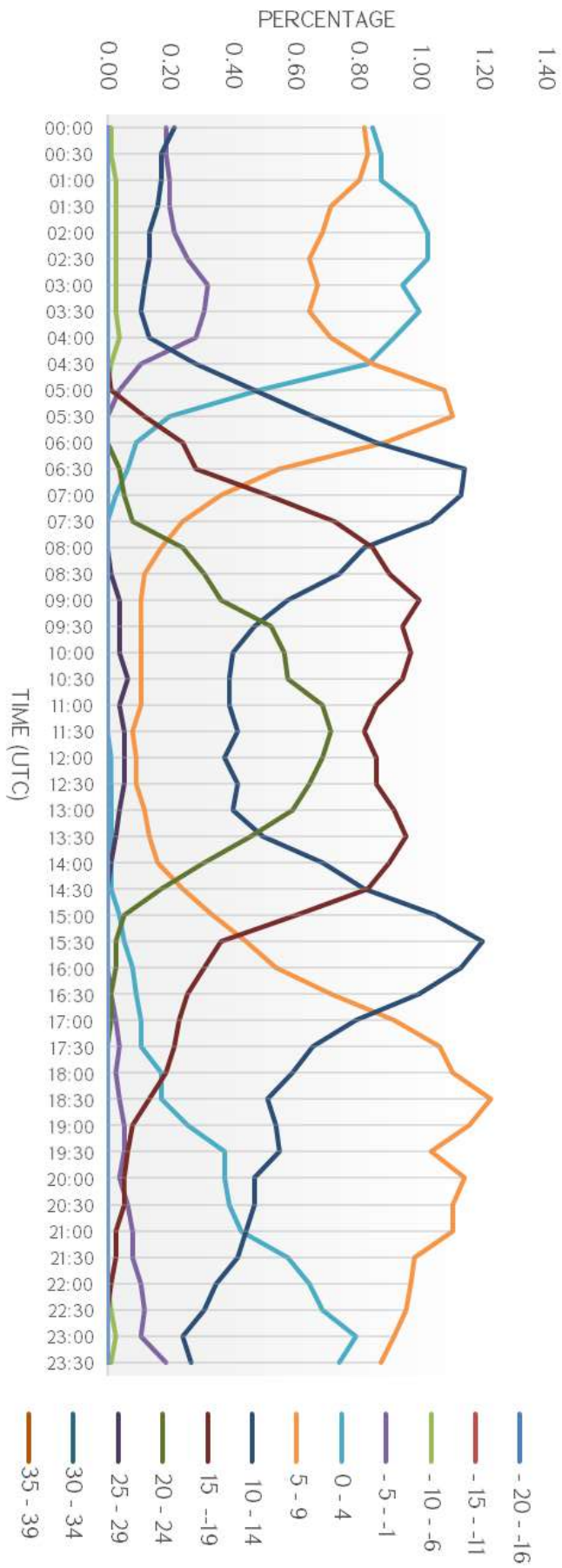
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.01	0.19	0.85	0.82	0.22	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.00	0.01	0.19	0.87	0.83	0.17	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.03	0.20	0.87	0.81	0.17	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.00	0.03	0.20	0.98	0.71	0.16	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.00	0.03	0.22	1.02	0.69	0.13	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.00	0.03	0.26	1.02	0.65	0.13	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.00	0.03	0.32	0.94	0.67	0.12	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.00	0.03	0.31	0.99	0.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.00	0.04	0.28	0.91	0.71	0.13	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.00	0.01	0.11	0.83	0.85	0.28	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.00	0.00	0.04	0.48	1.08	0.47	0.01	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.00	0.00	0.20	1.10	0.66	0.12	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.00	0.00	0.09	0.89	0.86	0.24	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.00	0.07	0.55	1.14	0.28	0.04	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.00	0.03	0.36	1.13	0.51	0.05	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.00	0.00	0.24	1.03	0.73	0.08	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.00	0.00	0.17	0.82	0.85	0.24	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.00	0.00	0.12	0.74	0.90	0.31	0.01	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.00	0.11	0.58	0.99	0.36	0.04	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.00	0.11	0.47	0.94	0.52	0.04	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.11	0.40	0.97	0.56	0.04	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.00	0.11	0.39	0.94	0.58	0.07	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.11	0.39	0.86	0.69	0.04	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.00	0.08	0.42	0.82	0.71	0.05	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.01	0.09	0.38	0.86	0.69	0.05	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.01	0.09	0.42	0.86	0.65	0.05	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.01	0.12	0.40	0.91	0.59	0.04	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.00	0.01	0.13	0.50	0.95	0.46	0.03	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.01	0.16	0.69	0.90	0.31	0.01	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.00	0.01	0.24	0.82	0.83	0.17	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.04	0.34	1.05	0.60	0.05	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.00	0.00	0.05	0.44	1.20	0.36	0.03	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.08	0.54	1.13	0.31	0.03	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.00	0.01	0.09	0.71	0.99	0.26	0.01	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.03	0.11	0.91	0.79	0.23	0.01	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.00	0.04	0.11	1.06	0.66	0.22	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.03	0.17	1.10	0.59	0.19	0.00	0.00	0.00	0.00	0.00

18:30	0.00	0.00	0.00	0.04	0.17	1.22	0.51	0.13	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.05	0.26	1.16	0.54	0.08	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.00	0.05	0.38	1.03	0.55	0.07	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.04	0.38	1.14	0.47	0.05	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.00	0.07	0.39	1.10	0.47	0.05	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.08	0.43	1.10	0.44	0.03	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.00	0.08	0.58	0.98	0.42	0.03	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.11	0.65	0.97	0.35	0.01	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.01	0.12	0.69	0.95	0.31	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.03	0.11	0.79	0.91	0.24	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.01	0.19	0.74	0.87	0.27	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.30	3.36	16.36	29.92	25.32	17.11	7.15	0.48	0.00	0.00	0.00

Min temperature from -10° to -6° (Time 04:00 UTC) – 0.04%

Max temperature from 25° to 29° (Time 10:30 UTC) – 0.07%

Mean dominating temperature from 5° to 9° – 29.92%



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: NOVEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	- 20 - -16	- 15 - -11	- 10 - -6	- 5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.00	0.00	0.36	0.83	0.53	0.33	0.03	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.00	0.01	0.42	0.82	0.56	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.00	0.00	0.44	0.89	0.43	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.00	0.03	0.44	0.83	0.50	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.00	0.01	0.44	0.82	0.51	0.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.00	0.03	0.49	0.72	0.58	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.00	0.07	0.43	0.78	0.54	0.25	0.01	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.00	0.06	0.53	0.69	0.60	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.00	0.06	0.57	0.68	0.58	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.00	0.06	0.43	0.74	0.61	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.00	0.01	0.26	0.78	0.71	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.00	0.00	0.10	0.67	0.88	0.42	0.03	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.00	0.01	0.53	0.99	0.53	0.03	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.00	0.00	0.26	1.04	0.71	0.07	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.00	0.00	0.13	0.99	0.78	0.19	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.00	0.00	0.07	0.79	0.86	0.36	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.00	0.00	0.01	0.58	1.00	0.44	0.04	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.00	0.01	0.46	0.99	0.58	0.04	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.00	0.00	0.35	0.93	0.71	0.10	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.00	0.00	0.31	0.88	0.78	0.13	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.26	0.83	0.82	0.15	0.01	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.00	0.00	0.26	0.74	0.88	0.21	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.22	0.75	0.92	0.18	0.01	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.00	0.00	0.22	0.76	0.88	0.22	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.22	0.72	0.90	0.24	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.00	0.00	0.26	0.74	0.88	0.21	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.33	0.79	0.79	0.17	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.00	0.01	0.43	0.88	0.64	0.13	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.04	0.54	0.94	0.51	0.04	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.00	0.00	0.08	0.61	0.96	0.42	0.01	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.14	0.78	0.88	0.29	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.00	0.03	0.15	0.92	0.76	0.22	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.03	0.19	1.01	0.71	0.14	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.00	0.04	0.33	0.94	0.61	0.15	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.00	0.07	0.38	0.97	0.53	0.14	0.00	0.00	0.00	0.00	0.00	0.00
17:30	0.00	0.00	0.10	0.40	1.06	0.43	0.10	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.11	0.50	1.00	0.40	0.07	0.00	0.00	0.00	0.00	0.00	0.00

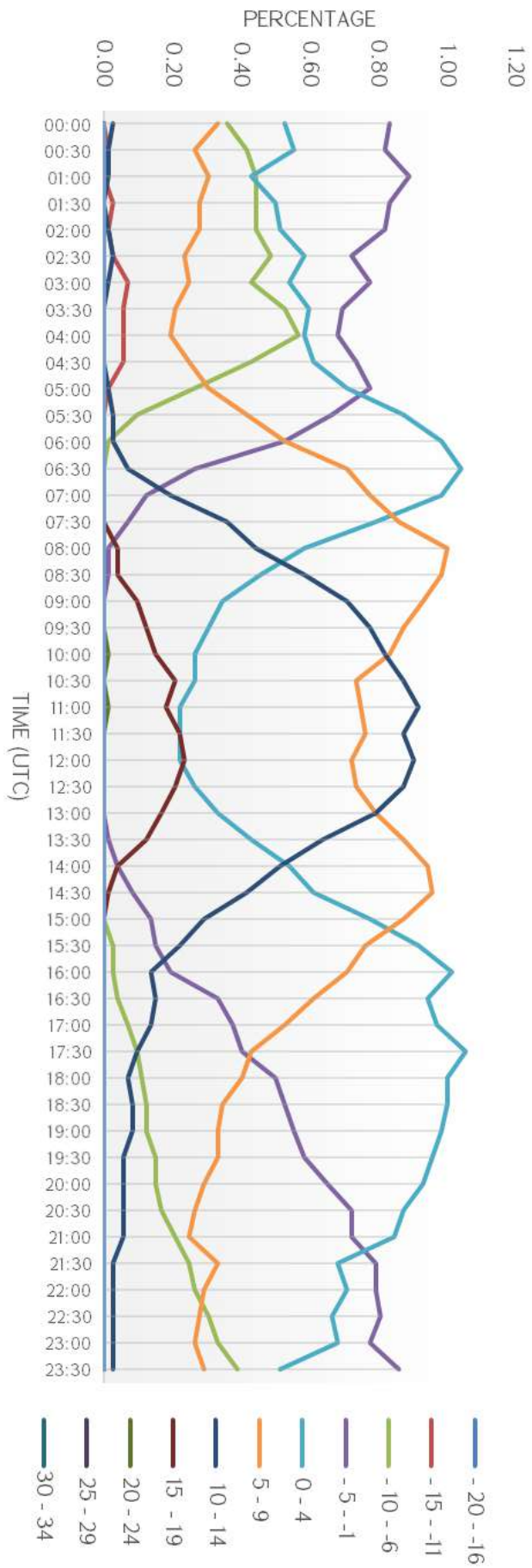
18:30	0.00	0.00	0.13	0.53	1.00	0.35	0.08	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.13	0.56	0.99	0.33	0.08	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.00	0.00	0.15	0.58	0.96	0.33	0.06	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.15	0.65	0.93	0.29	0.06	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.00	0.00	0.17	0.72	0.88	0.26	0.06	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.21	0.72	0.85	0.25	0.06	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.00	0.00	0.25	0.79	0.68	0.33	0.03	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.26	0.79	0.71	0.29	0.03	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.00	0.00	0.31	0.81	0.67	0.28	0.03	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.33	0.78	0.68	0.26	0.03	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.00	0.00	0.39	0.86	0.51	0.29	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.33	7.78	20.29	31.43	25.69	12.58	1.86	0.03	0.00	0.00	0.00	0.00

Min temperature from -15° to -11° (Time 03:00 UTC) – 0.07%

Max temperature from 20° to 24° (Time 10:00 UTC) – 0.01%

Mean dominating temperature from 0° to 4° – 31.43%





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**

**MODEL E**

**TABULAR FORM**

AERODROME: UDSG      MONTH: DECEMBER

PERIOD OF RECORD: 2019-2023

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 40 45 02N

LONGITUDE: 043 51 34E

ELEVATION ABOVE MSL: 5000 FT MSL

FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Temperature												
	-20 -- -16	-15 -- -11	-10 -- -6	-5 -- -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
00:00	0.07	0.31	0.39	0.77	0.54	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00:30	0.11	0.26	0.42	0.75	0.54	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.09	0.24	0.44	0.77	0.52	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:30	0.15	0.23	0.43	0.74	0.52	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.13	0.23	0.42	0.78	0.51	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:30	0.13	0.23	0.48	0.73	0.50	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:00	0.11	0.27	0.50	0.66	0.54	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03:30	0.11	0.32	0.42	0.74	0.48	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:00	0.15	0.26	0.50	0.70	0.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04:30	0.17	0.22	0.50	0.71	0.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:00	0.13	0.23	0.46	0.75	0.50	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05:30	0.05	0.23	0.38	0.77	0.65	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:00	0.00	0.20	0.32	0.82	0.73	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:30	0.00	0.16	0.26	0.77	0.89	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
07:00	0.00	0.07	0.24	0.67	1.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07:30	0.00	0.01	0.24	0.60	1.12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:00	0.00	0.01	0.20	0.51	1.16	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08:30	0.00	0.00	0.20	0.46	1.12	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	0.00	0.00	0.12	0.42	1.13	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:30	0.00	0.00	0.08	0.40	1.17	0.42	0.01	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.08	0.38	1.14	0.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00
10:30	0.00	0.00	0.05	0.36	1.09	0.56	0.01	0.00	0.00	0.00	0.00	0.00	0.00
11:00	0.00	0.00	0.04	0.38	1.05	0.60	0.01	0.00	0.00	0.00	0.00	0.00	0.00
11:30	0.00	0.00	0.03	0.34	1.09	0.59	0.04	0.00	0.00	0.00	0.00	0.00	0.00
12:00	0.00	0.00	0.04	0.36	1.05	0.59	0.04	0.00	0.00	0.00	0.00	0.00	0.00
12:30	0.00	0.00	0.03	0.42	1.08	0.52	0.04	0.00	0.00	0.00	0.00	0.00	0.00
13:00	0.00	0.00	0.07	0.43	1.05	0.52	0.01	0.00	0.00	0.00	0.00	0.00	0.00
13:30	0.00	0.00	0.12	0.51	1.05	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:00	0.00	0.01	0.28	0.39	1.17	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:30	0.00	0.04	0.28	0.47	1.17	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:00	0.00	0.12	0.23	0.62	1.05	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15:30	0.00	0.16	0.22	0.73	0.95	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.19	0.24	0.82	0.81	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16:30	0.00	0.23	0.23	0.86	0.75	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17:00	0.00	0.22	0.27	0.85	0.74	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

17:30	0.00	0.22	0.24	0.89	0.73	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.23	0.27	0.90	0.67	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:30	0.01	0.22	0.32	0.87	0.65	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.01	0.23	0.35	0.85	0.63	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:30	0.03	0.20	0.42	0.79	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.05	0.23	0.40	0.79	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:30	0.08	0.19	0.42	0.83	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.04	0.26	0.42	0.79	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:30	0.05	0.31	0.38	0.77	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.12	0.19	0.48	0.71	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:30	0.11	0.24	0.42	0.74	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.09	0.30	0.47	0.69	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:30	0.11	0.26	0.51	0.67	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	2.12	7.49	14.29	31.71	37.72	6.48	0.20	0.00	0.00	0.00	0.00	0.00	0.00

Min temperature from -20° to -16° (Time 02:30 UTC) – 0.13%

Max temperature from 10° to 14° (Time 12:00 UTC) – 0.04%

Mean dominating temperature from 0° to 4° – 37.72%



## 6. Beaufort Scale

Beaufort number	Description	Wind speed
<b>0</b>	Calm	< 1 km/h
		< 1 mph
		< 1 knot
		< 0.3 m/s
<b>1</b>	Light air	1.1–5.5 km/h
		1–3 mph
		1–3 knot
		0.3–1.5 m/s
<b>2</b>	Light breeze	5.6–11 km/h
		4–7 mph
		4–6 knot
		1.6–3.3 m/s
<b>3</b>	Gentle breeze	12–19 km/h
		8–12 mph
		7–10 knot
		3.4–5.4 m/s
<b>4</b>	Moderate breeze	20–28 km/h
		13–17 mph
		11–16 knot
		5.5–7.9 m/s
<b>5</b>	Fresh breeze	29–38 km/h
		18–24 mph
		17–21 knot
		8.0–10.7 m/s
<b>6</b>	Strong breeze	39–49 km/h
		25–30 mph
		22–27 knot
		10.8–13.8 m/s

Beaufort number	Description	Wind speed
<b>7</b>	Near gale	50–61 km/h
		31–38 mph
		28–33 knot
		13.9–17.1 m/s
<b>8</b>	Gale	62–74 km/h
		39–46 mph
		34–40 knot
		17.2–20.7 m/s
<b>9</b>	Strong gale	75–88 km/h
		47–54 mph
		41–47 knot
		20.8–24.4 m/s
<b>10</b>	Storm	89–102 km/h
		55–63 mph
		48–55 knot
		24.5–28.4 m/s
<b>11</b>	Violent storm	103–117 km/h
		64–73 mph
		56–63 knot
		28.5–32.6 m/s
<b>12</b>	Hurricane	≥ 118 km/h
		≥ 74 mph
		≥ 64 knot
		≥ 32.7 m/s