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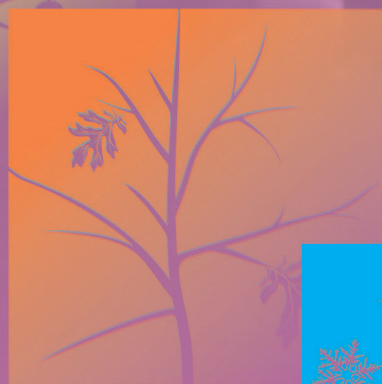
Author: Badri Jijelava

Publication Supervisor: Gocha Mezvrishvili

CLIMATOLOGICAL  
SUMMARY  
OF GEORGIAN AERODROMES  
2010-2017



**bilisi**



**utaisi**



**Batumi**



TBILISI 2018

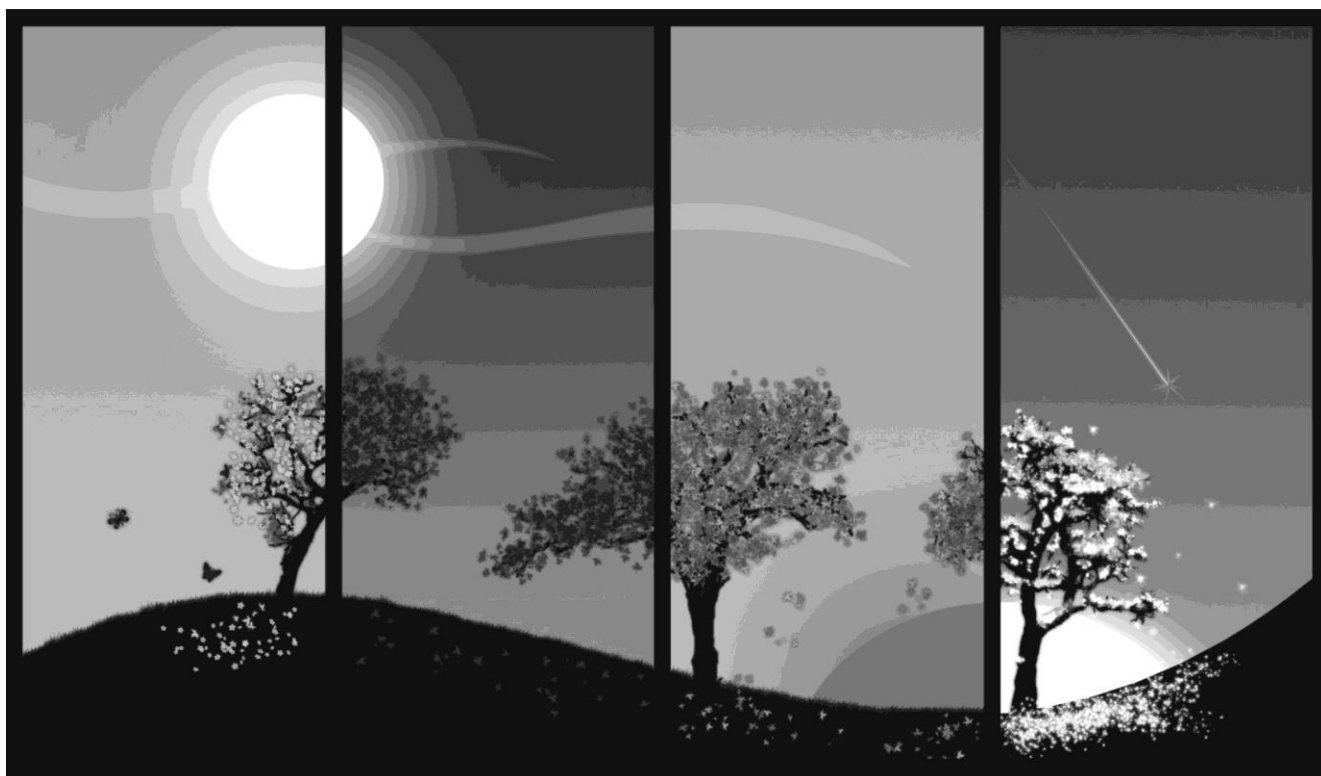
**Meteorological Service of SAKAERONAVIGATSIA Ltd**

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# CLIMATOLOGICAL SUMMARY of Georgian Aerodromes



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# CLIMATOLOGICAL SUMMARY OF GEORGIAN INTERNATIONAL AIRPORTS INTRODUCTION

“Climatological Summary of Georgian International Airports” is a statistical analysis of the observations data obtained by the meteorological stations at Tbilisi (UGTB), Kutaisi (UGKO), and Batumi (UGSB) international airports.

It covers a eight-year period of January 2010 – December 2017. The summary is composed of two parts. The first part deals with climatological and geographic characteristics of the airports as well as circulation processes in South Caucasus, which determine the formation of weather throughout the territory of Georgia. The second part depicts the eight-year distribution of meteorological elements (visibility distance along the runways, visibility, cloud height, wind speed and direction, wind Gust speed and direction, air temperature on the surface, QNH – min, max, average, correlation between air temperature, dew point temperature and relative humidity, weather phenomena) in tables and graphs according to months and seasons (some elements), annual and monthly rain rate, extreme values, matrix of favourable time for landing and take-off, comparison of annual rainfalls.

The “Climatological Summary of International Airports of Georgia” is intended for a wide range of users:

- international and domestic civil airlines which conduct flights to/from Georgian airports;
- private pilots;
- operational and administrative services of airports;
- aeronautical administration;
- air navigation services providers;
- the Georgian Civil Aviation Agency.

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

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

The depicted observation data from the meteorological stations at Tbilisi, Kutaisi and Batumi airports meet all the established requirements: the data are representative, continuous, and reliable. The Meteorological Service holds a Quality Management ISO 9001:2015 Certificate, which was issued by the “Bureau Veritas” international organization.

For obtaining climatological information of Tbilisi International Airport, thirty-minute (xx20 and xx50) METARs were processed. For Kutaisi International Airport, information was received by using one-hour METARs for the 2010-2012 period and thirty-minute (xx20 and xx50) METARs for the 2013-2017 period. Climatological data of Batumi international airport for 2010 and for the first six months of 2011 were processed on the basis of one-hour METARs, while the subsequent period on the basis of thirty-minute (xx20 and xx50) METARs.

For the three airports each meteorological element were analysed. Their monthly and/or seasonal distribution is presented in the form of tables, graphs, and texts. The UTC time was used in the data processing (Tbilisi UTC +4). Abbreviations and their meaning are contained on page 651.

Meteorological elements the Summary addresses are processed according to the 14 models elaborated by WMO:

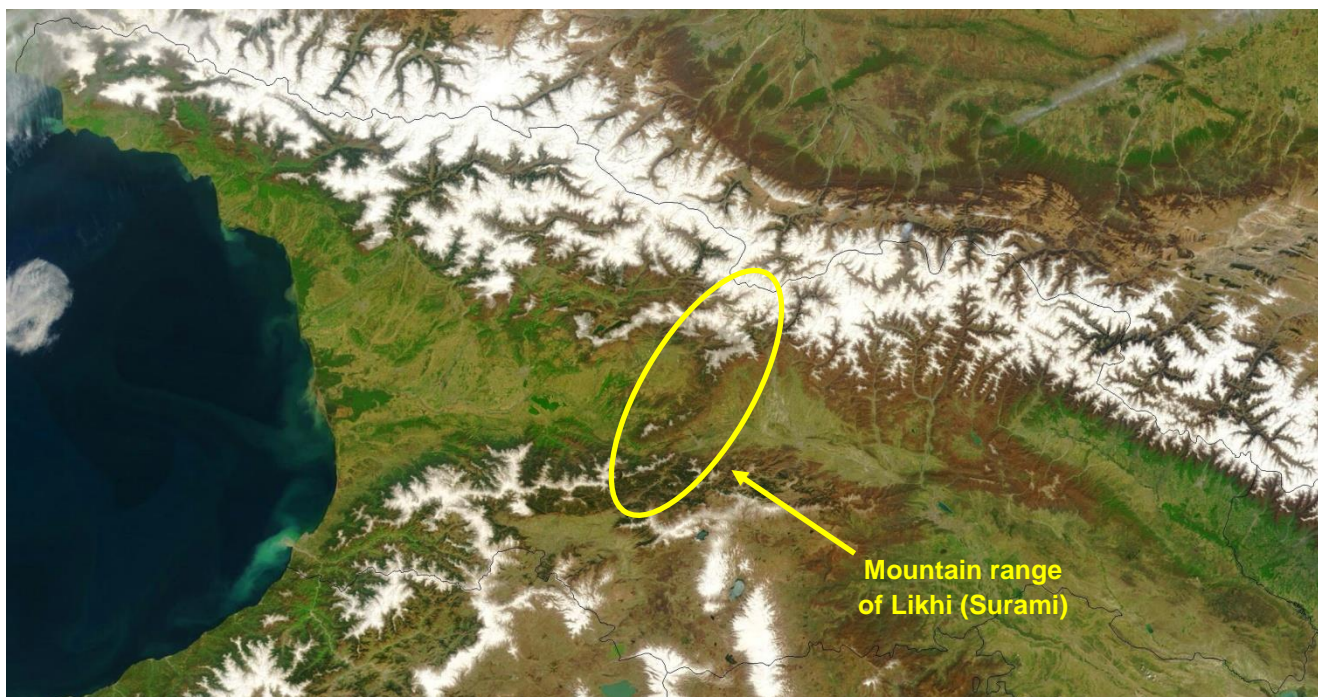
- Model A. Frequencies (percent) of the occurrence of runway visual range/visibility (both in meters) and/or height of the base of the lowest cloud layer (in meters) of BKN or OVC extent below specified values at specified times.
- Model B. Frequencies (percent) of visibility below specified values (in meters) at specified times.
- Model C. Frequencies (percent) 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 (percent) of surface temperature (screen) in specified ranges of 5°C at specified times.

- Model F. The mean pressure (QNH), the minimum and maximum pressure values calculated for each month.
- Model G. Interdependency between the relative humidity (RH), the air temperature ( $T_a - C^0$ ) and the dew point temperature.
- Model H. Frequencies of occurrence of specified weather phenomena at specified times.
- Model I. Correlation between monthly rainfall and average monthly temperature.
- Model J. Annual rainfall.
- Model K. Absolute Minimum and Maximum air temperatures by month for the specific observation period.
- Model L. Maximum wind gust by month for specific period of observation.
- Model M. Forecasting Matrix representing favourable periods for Departure and arrival for specific airports.
- Model N. Annual rainfall comparison between Tbilisi, Kutaisi and Batumi international airports.

The Author expresses his gratitude to Sakaeronavigatsia's meteorological staff as well as to the staff of the Technical and Aeronautical Information Services of Sakaeronavigatsia for their help and contribution to the issuing of this "Summary".

Editors' board will be grateful for comments, recommendations and suggestions from users of the "Summary".

# BRIEF REVIEW OF GEORGIAN CLIMATE AND CIRCULAR PROCESSES



On Georgian territory, climatic and weather conditions are characterized by big diversity. Here are represented all types of climate described in the Koppen climate classification, except the tropical and equatorial ones. This kind of climate character is determined by the location of the country in the northern part of the subtropical climatic zone and east of the Black Sea, as well as by highly irregular terrain areas with medium and high mountains, which constitute approximately 54% of the country's territory. The Caucasus Mountain range, which runs in the north of Georgia, presents its natural border and protects the country from the direct impact of arctic cold air masses. As a result, these masses move towards the country's territory from the west and, their lower layer warmed up and their humidity instability increased while passing over the Black Sea, they enter the territory saturated with moisture. Such synoptic situation is known as a **Western Circular Process**. When this synoptic process takes place the whole territory of Georgia experiences west or north-west winds, which can be strong in some areas. This process causes air temperature drop off and heavy precipitation; and after the front's passage, these conditions often continue as long as the cold air masses remain behind the front. It produces considerable cloudiness and a large amount of atmospheric precipitation, especially in West Georgia. After the air mass enters from the west, it crosses the mountain range of Likhi (Surami) – a climate barrier in Georgia – and goes down onto the wide gorge of the river Mtkvari, where a west wind blows. This process increases cloudiness and precipitation in the western part of East Georgia. In the lowland regions of the eastern part, it strengthens the west wind, whose gusts can exceed 50 knots (See Model D, Wind gust speed and direction per season). The **Western Circular Process** is typical of all seasons, but it is most frequent in spring and summer.

The second major type of atmosphere circulation, which determines the formation of weather conditions in Georgia, is called an **Eastern Circular Process**. Like in the case of the Western Circular Process, the Caucasus Mountain range protects Georgia from cold air masses coming from the North Polar Basin and Siberia. As a result, a front approaching the north slope flows round the range from the east. A low pressure area over the Black Sea contributes to the movement of the front from east to west. Georgia experiences the so-called "Invasion from the East", in other words, spreading of relatively cold air masses from the Caspian Sea. During the development of such circular process south-east, east and north-east winds are observed in the lower layer of the atmosphere over the Georgian territory, whereas in the upper layers, east winds are blowing. The Eastern Circular Process most often occurs in autumn and winter.

The Eastern Process is characterized by cloudy, rainy weather and by sharp drop of air temperature; it mainly occurs in the eastern regions of East Georgia. Usually, its strength is not enough to reach the Likhi Ridge and it dissipates on the plain of Shida Kartli. This process does not bring considerable weather changes in West Georgia. In the lower course of the River Rioni blows an east foehn wind whose speed sometimes exceeds 60 knots (See Model D, Wind gust speed and direction per season, Spring). If the process is strong, cold air masses can expand over the whole territory of Georgia, and a sharp drop in air temperature can occur on the Black Sea coast.

The only circular process that worsens weather conditions throughout Georgia and which manifests itself by the drop of air temperature on the whole territory, atmospheric precipitation and reduced visibility, is the "**Double-**



**Access Invasion**". This is when cold air masses accumulated to the north of the Caucasus Mountains flow round the Caucasus Ridge from the east and from the west to enter the country's territory simultaneously. After the cold air masses from the north have entered South Caucasus, an anticyclonic situation develops there. The orographic characteristics of the region, where alternation of plain and mountainous areas plays an important role, contributes to the dissipation or redistribution energy within pressure-field. During such circular process, dry and less cloudy weather with weak winds is observed on the whole territory of Georgia.

Upon completion of the intrusion of air masses into South Caucasus, stationary atmospheric fronts create favourable conditions for the formation of cyclones and their subsequent movement in the northeast or north direction. Such synoptic situations are called an "**Undulatory Invasion from the South**". During this process, cyclones generate strong winds and atmospheric precipitation in the areas where they are developing and moving. During warm seasons of the year, there is a high frequency of occurrence of thunderstorm and hail. This circular process is most frequent in summer.

Due to the local physical-geographical characteristics of Tbilisi, Kutaisi and Batumi International Airports, each synoptic process determines development of different weather conditions on their territory.

The most dangerous weather phenomena for Tbilisi, Kutaisi and Batumi aerodromes are:

- Fog
- Hail
- Thunderstorm
- Strong Wind
- Heavy Precipitations

# DESCRIPTION OF AERONAUTICAL CLIMATOLOGICAL MODELS

Description of the above-mentioned weather conditions developing on the territory of the aerodromes is based on the analysis of the data received in the course of meteorological observations of many years. Below are given the data processing methods corresponding to particular models.

## Model A

The Climatological tables (UGTB, UGKO and UGSB) for **Model A**.

**Model A** contains the frequencies (percent) of the occurrence of runway visual range/visibility (both in meters) and/or height of the base of the lowest cloud layer of BKN or OVC extent below specified values at specified times. For Kutaisi and Batumi airports, climatological data of meteorological elements were processed based on one-hour METARs, and for Tbilisi airport - based on thirty-minute METARs. The **Model A** table consists of two parts. The first part (the first 5 columns) shows frequencies (percent) 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 part (the last 4 columns) contains the frequencies (percent) 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 are presented on the following principle: the bigger value incorporates the smaller one(s), for example, if cloud height is less than 60m, it is included both in the column <60m and the column <90m (WMO-No. 49 - Technical Regulations, Volume II). The same principle is observed when processing the other meteorological elements in this Model.

The **Model A** table is accompanied by a graph/graphs. Such a table is made for every month of the year for each of the international airports of Georgia.

## Model B

The Climatological tables (UGTB, UGKO and UGSB) for **Model B**.

**Model B** includes frequencies (percent) of visibility below specified values (in meters) at specified times (See: table No. 1).

The frequency of observations implies one-hour intervals for Batumi and Kutaisi Aerodromes and half an hour intervals for Tbilisi aerodrome. The minimum (MIN) visibility values contained in the METARs were used when compiling climatological tables.

Table No.1 Visibility Criteria

<200 m	<3000 m
<600 m	<5000 m
<800 m	<8000 m
<1500 m	

To make climatological tables for this model the values of visibility observed within 24 hours were used. For each specified time the total number of observations was determined and the number of occurrences was provided in percentage based on the visibility criteria.

In the "MEAN" fields of the **Model B** table, the average value (in percentage) for each visibility criteria is given (WMO-No. 49 - Technical Regulations, Volume II). The values in the tables are presented on the following principle: the bigger value incorporates the smaller one(s), for example, if the visibility is less than 4500m, it is included both in the column <5000m and the column <8000m (WMO-No. 49 - Technical Regulations, Volume II).

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

## Model C

The Climatological tables (UGTB, UGKO and UGSB) for **Model C**.

**Model C** describes frequencies (percent) of the height of the base of the lowest cloud layer of BKN or OVC extent below specified values at specified times (See: Table No.2).

Table No. 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 example, if the height of ceiling is less than 900ft, it is included both in the ≤1000ft column and in the ≤1500ft column (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

The Climatological tables (UGTB, UGKO and UGSB) for **Model D**.

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

1. Wind speed breakdown at 5 knots' intervals (for example: 1-5; 6-10; 11-15 knots 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 tables and graphs in this Model display climatological information that was obtained during eight-year observations and processed according to months and seasons.

## Model E

The Climatological tables (UGTB, UGKO and UGSB) for **Model E**.

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

The Tables given in the model show 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 basic highest and lowest values for processing purposes.

The table for this Model displays 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 eight-year period. The statistical analysis is provided below the table.

Table No. 4. Air temperature (°C) ranges

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

## Model F

The Climatological tables (UGTB, UGKO and UGSB) for **Model F**.

**Model F** Climatological table shows the mean pressure (QNH) values at Tbilisi, Kopitnari and Batumi (UGTB, UGKO and UGSB) International Airports. The mean, the maximum and the minimum pressure values were calculated for each month of the climatological period under review.

## Model G

The Climatological tables (UGTB, UGKO and UGSB) for **Model G**.

**Model G** Climatological table describes interdependency between the relative humidity (RH), the air temperature ( $T_a - C^0$ ) and the dew point ( $T_d - C^0$ ) at Tbilisi, Kopitnari and Batumi (UGTB, UGKO and UGSB) International Airports for each month of the climatological period under review. In accordance with Annex 3, (Annex 3 to the Chicago Convention on International Civil Aviation, APPENDIX 3. TECHNICAL SPECIFICATIONS RELATED TO METEOROLOGICAL OBSERVATIONS AND REPORTS, Chapter 4.6 Air temperature and dew-point temperature<sup>1</sup>) the rounded values of the temperature and the dew point at 30-minute intervals were taken from regular actual weather reports (METARs). The temperature and dew point values are rounded using the following method:

Example:

1. +1.5 +1.6... +1.9°C are rounded up and included in METAR as +2°C
2. +1.1 +1.2... +1.4°C are rounded down and included in METAR as +1°C
3. -1.5 -1.4... -1.1°C are rounded up and included in METAR as -1°C
4. -1.6 -1.7... -1.9°C are rounded down and included in METAR as -2°C

The relative humidity was calculated at 30-minute intervals based on the values gained after rounding up/down, using the following formula:

$$RH = 100\% * 10^{m * \left\{ \frac{T_d}{T_d + T_n} + \frac{T_a}{T_a + T_n} \right\}}$$

$T_d$  – dew point temperature;

$T_a$  (Ambient) – air temperature;

$T_n$  – triple point temperature (constant). Triple point temperature is such a combination of the temperature and the pressure at which water may be in the gas (vapor), liquid and solid (crystal) form at the same time in the conditions of thermodynamic equilibrium.

$m$  – constant;

Within the temperature values range of -20°C ... +50°C

$T_n = 240.7263$  and

$m = 7,591386$ .

Thus, when the values of the  $T_n$  and  $m$  constants are as above the accuracy of formula based calculation of relative humidity constitutes 0.083%<sup>2</sup>.

For each month of each year of the climatological period under review the mean relative humidity, mean air temperature and mean dew point values were calculated using the abovementioned method. The results are given both in the table and the trend graph.

## Model H

The Climatological tables (UGTB, UGKO and UGSB) for **Model H**.

**Model H** Climatological table shows the mean percentage of occurrences of weather phenomena at Tbilisi, Kopitnari and Batumi (UGTB, UGKO and UGSB) International Airports for each month and season of the climatological period under review. The amount of BR, RA, FOG, MIFG-VCFG, FZFG, DZ, and SN weather phenomena was calculated for each month at 30-minute intervals, on the basis of which the frequency percentage of weather phenomena occurrences was obtained (See: climatological tables).

The following criterion was used for the weather phenomena climatological tables:

if two weather phenomena are observed during the same period (00, 30), then each value is inserted separately in the corresponding column (e.g. snow (SN) and fog (FOG) go to the snow and fog columns accordingly; rain and thunderstorm (TSRA) - each value is inserted separately in the rain and thunderstorm columns, etc.).

The "RA" Column includes both weak, moderate, heavy intensity rains (Cumulus Nimbus) SHRA and rains (Nimbus stratus) RA.

<sup>1</sup> Annex 3 to the Convention on International Civil Aviation;

<sup>2</sup> HUMIDITY CONVERSION FORMULAS, Calculation formulas of humidity, p. 16, Vaisala 2013.

## Model I

The Climatological tables (UGTB, UGKO and UGSB) for **Model I**.

**Model I** climatological tables show correlation between monthly rainfall and average monthly temperature for the period from 2011 to 2016 (UGTB, UGKO, UGSB). In the last row of the table is total rainfall for a specific month.

Correlation between monthly rainfall and average temperature (UGTB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011		
.....		
<b>Total rainfall</b>		

Model I also includes a corresponding correlation chart

## Model J

The Climatological tables (UGTB, UGKO and UGSB) for **Model J**.

**Model J** climatological tables shows annual rainfall for the period from 2011 to 2016 (UGTB, UGKO, UGSB).

Year	UGTB Rainfall (mm)
2011	
.....	

Model J also includes a chart based on the tables.

## Model K

Climatological Tables (UGTB, UGKO and UGSB) for **Model K**

**Model K** climatological tables show the Absolute Minimum and Maximum air temperatures by month for the specific observation period

## Model L

Climatological Tables (UGTB, UGKO and UGSB) for **Model L**

**Model L** climatological tables show the Maximum wind gust by month for specific period of observation.

## Model M

The Model M climatological table represents a forecasting matrix based on the climatological data. The matrix contains analysis of the following four climatological tables:

1. **Model B – Visibility**
2. **Model C – Ceiling**
3. **Model E – Temperature**
4. **Model H – Weather Phenomena**

Based on this analysis, periods favorable for departures and arrivals at Tbilisi, Kutaisi and Batumi international Airports were determined for each month.

Tbilisi and Kutaisi international airports are of Category I. The requirements for Cat I operations are as follows:

*Category I (CAT I) operation. A precision instrument approach and landing with:*

**a) A decision height not lower than 60 m (200 ft); and**

**b) With either a visibility not less than 800 m or a runway visual range not less than 550 m.<sup>3</sup>**

<sup>3</sup> ICAO doc – 9365, AN/910, “Manual of all-weather operations”, Third edition 2013 Year;

The International airports of Georgia are equipped with ICAO requirements compliant meteorological sensors that enable it to always have both the RVR (Runway visual range) and meteorological visibility data available. Proceeding from this fact, it was the RVR criteria that was taken as basic and not the meteorological visibility as long as the RVR factor (“RVR not less than 550 m”) is more limiting than the meteorological visibility restricting parameter (visibility not less than 800 m).

The International airports of Georgia are equipped with ICAO requirements compliant meteorological sensors that enable it to always have both the RVR (Runway visual range) and meteorological visibility data available. Proceeding from this fact, it was the RVR criteria that was taken as basic and not the meteorological visibility as long as the RVR factor (“RVR not less than 550 m”) is more limiting than the meteorological visibility restricting parameter (visibility not less than 800 m).

### **Shota Rustaveli Tbilisi international airport**

To determine favorable periods of the day for departure/arrival operations at Shota Rustaveli Tbilisi international airport a three-step methodology was applied while processing climatological data.

**1. Climatological tables were analyzed by month (Model B) for daily time periods when the visibility (MOR) was more than 600 metres<sup>4</sup> and less than 600 metres. In the latter parameter group time periods were selected when the amount of occurrences constituted less than 2, 3, and 4 percent. Also, analysis was conducted by month (Model C) for time periods when the cloud ceiling (BKN, OVC) was more than 300 feet and less than 300 feet, and within the latter parameter span time periods were selected when the amount of occurrences was less than 2, 3, and 4 percent. Further, the data was grouped and classified as follows:**

- a) *visibility of more than 600 metres plus the visibility occurrences of less than 600 metres constituting less than 2 percent and cloud ceiling (BKN, OVC) of more than 300 feet plus the cloud ceiling occurrences of less than 300 metres with the statistical value of less than 2 percent - Definition “Better”.*
- b) *visibility of more than 600 metres plus the visibility occurrences of less than 600 metres constituting less than 3 percent and cloud ceiling (BKN, OVC) of more than 300 feet plus the cloud ceiling occurrences of less than 300 metres with the statistical value of less than 3 percent - Definition “Good”.*
- c) *visibility of more than 600 metres plus the visibility occurrences of less than 600 metres constituting less than 4 percent and cloud ceiling (BKN, OVC) of more than 300 feet plus the cloud ceiling occurrences of less than 300 metres with the statistical value of less than 4 percent - Definition “Worse”.*

Note: Blank cells in the Matrix mean unfavorable time periods for arrival and departure operations, i.e. weather parameters within these periods are beyond the set criteria.

The table below shows the above mentioned method applied for the visibility and ceiling data analysis.

TIME	Definition	Visibility <600 Meters	Ceiling (BKN, OVC) < 300 Feet
HH:MM <sup>5</sup>	Better	<2%	<2%
HH:MM	Good	<3%	<3%
HH:MM	Worse	<4%	<4%

Table 1

<sup>4</sup> When visibility (MOR) equals 600 metres, RVR is always more than 600 metres. The exact value of RVR depends on the intensity step of the runway centerline and edge lights, which meets the “RVR not less than 550 m” requirement contained in ICAO doc – 9365, AN/910;

<sup>5</sup> HH:MM means hour and minutes

2. After that additional filtration of the Matrix (Model M) was conducted for such meteorological elements as temperature (Model E), precipitation and thunderstorm occurrences (Model H) since only visibility and cloud ceiling parameters may seem insufficient in the flight safety environment. Thus, time periods were selected with air temperatures higher than  $-5^{\circ}\text{C}$ . Also, those periods with temperatures lower than  $-5^{\circ}\text{C}$  were selected with its statistical frequency of occurrence constituted not more than 3% (Model E). Both the received groups were further filtered to select periods when the value of precipitation occurrences did not exceed 3% (Model H). This precipitation-temperature correlation based analysis was performed to find periods when conditions for ice formation on the runway surface were unlikely to occur.

3. The third filtration of the matrix was conducted for thunderstorm occurrences (Model H) in the aerodrome area (0-8 km) and in the vicinity of the aerodrome (8-16 km). Time periods are considered unfavorable for departure/arrival operations when the statistical value of thunderstorm activity occurrences in these areas constitute 3% and more.

The table below shows the criteria of the second and third steps of the climatological data analysis.

Temperature $< -5^{\circ}\text{C}$	precipitation	TS
$<3\%$	$<3\%$	$<3\%$

Table 2.

#### ***King David Builder Kutaisi international airport***

For King David Builder Kutaisi international airport, the same method of climatological data analysis was applied and a similar Matrix (Model M) was created with the only difference in temperature criteria, as seen from Tables 3 and 4 below.

TIME	Definition	Visibility $<600$ Meter	Cloud ceiling (BKN, OVC) $<300$ Feet
HH:MM	Better	$<2\%$	$<2\%$
HH:MM	Good	$<3\%$	$<3\%$
HH:MM	Worse	$<4\%$	$<4\%$

Table 3.

Temperature $< -5^{\circ}\text{C}$	precipitation	TS
$<1\%$	$<3\%$	$<3\%$

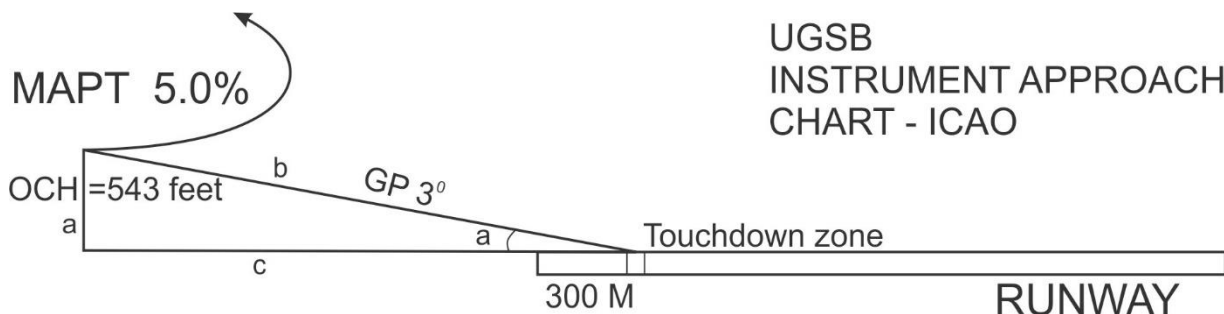
Table 4.

#### ***Alexander Kartveli Batumi international airport***

Batumi international airport is a CAT A airport (CAT A includes CAT B, C, and D)<sup>6</sup>. This aspect necessitated defining visibility and cloud ceiling criteria for Batumi international airport.

<sup>6</sup> See eAIP of Georgia

At Batumi international airport, on the instrument approach under CAT A and B the obstacles clearance height (OCH) is 543 feet with a go-around gradient of 5%. (See drawing 1 below, which is based on the INSTRUMENT APPROACH CHART – ICAO contained in Georgian eAIP)



Drawing 1

Proceeding from the established procedure, the OCH parameter was set as a cloud ceiling criterion. Following it, the climatological table (Model C) was filtered for cloud ceiling values of more than 500 feet as conditions favorable for landing.

In view of the fact that on an instrument approach the crew shall have a visual contact with the runway threshold a favorable visibility parameter should also be determined. If the approach leg from the MAPT to the touchdown zone is represented as an ABC right-angled triangle the mathematical computations will give the following results:

$$\tan a = a/c,$$

$$a = 543 \text{ feet},$$

$$\tan a = \tan 3^\circ = 0.05240778.$$

$$c = 543/0.05240778 = 10361.05708 \text{ feet} = 3158.05019 \text{ metres} \approx 3200 \text{ metres};$$

The Pythagorean Theorem makes it possible to determine the slant visibility:  $b^2 = a^2 + c^2 = 10375.2760 \text{ feet} = 3162.3841 \text{ metres} \approx 3200 \text{ metres}$  provided the atmosphere from the surface layer to the level of flight is homogeneous, i.e. aerosol concentration is the same in each cubic metre of the atmosphere. If the atmosphere is not uniform, the slant visibility can be either more or less than the horizontal visibility. As seen from the calculation results, the slant visibility (hypotenuse - b) and the horizontal visibility (catheter - c) are almost the same because the “a” angle of the ABC triangle is very small.

$$a = 543 \text{ feet},$$

$$b \approx 3200 \text{ meter};$$

$$c \approx 3200 \text{ meter};$$

According to Drawing 1 the distance from MAPT<sup>7</sup> to the runway threshold equals:  $3200-300=2900$  metres. So, for Batumi international airport a horizontal visibility of 2900 metres was set as a minimum value favorable for an instrumental approach and the climatological table (Model B) was filtered for data of more than 3000 metres.

<sup>7</sup> Missed Approach Point



For Batumi international airport a similar Matrix (Model M) as for Tbilisi and Kutasi airports was created with differing temperature and thunderstorm criteria as can be seen in Table 6 below.

TIME	Definition	Visibility < 3000 Meter	Cloud ceiling (BKN, OVC) < 500 Feet
HH:MM	Better	<2%	<2%
HH:MM	Good	<3%	<3%
HH:MM	Worse	<4%	<4%

Table 5

Temperature < - 0 <sup>0</sup> C	precipitation	TS
<3%	<3%	<4%

Table 6

In conclusion it should be noted that the Model M matrix was worked out to be used as reference material and in no way claims to be a dogma. As years go by the matrix may be giving modified results following the changes in the climatological tables data. It does happen that a certain weather phenomenon, which has not been observed for 6 years, suddenly occurs and even persists. The aim of the work was to determine periods that are most favorable for arrival and departure operations at Georgian international airports as well as to demonstrate how climatological tables can be used for airlines and other aviation industry companies to be able to create their own matrices similar to the Model M one.

## Model N

The Climatological tables (UGTB, UGKO and UGSB) for **Model N**.

The Model L. climatological table shows annual rainfall comparison between Tbilisi, Kutaisi and Batumi international airports the period from 2011 to 2016 (UGTB, UGKO, UGSB).

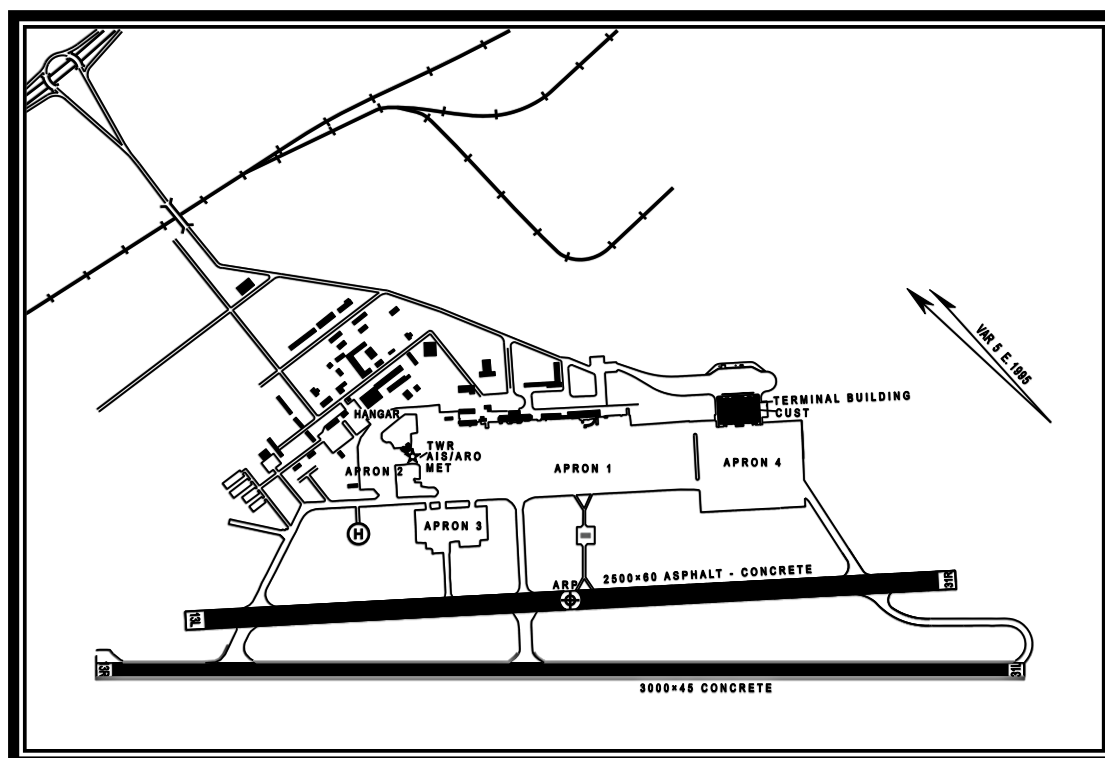
Year	UGTB Rainfall (mm)	UGKO Rainfall (mm)	UGSB Rainfall (mm)
2011			
.....			

Model N also includes a chart based on the table.

## Notes:

- 1 Before December 2013, METARs for Tbilisi, Kutaisi and Batumi International Airports were issued in accordance with the ICAO standards and recommendations set out in the ICAO Annex 3. In accordance with ICAO Annex 3, 4.3.6 Reporting, 4.3.6.3 (b), when significant meteorological conditions occur METARs shall contain the RVR maximum and minimum values. In the course of the "Summary" preparation, the minimum RVR values were only used.
- 2 According to ICAO, Annex 3 ("Meteorological Service for International Air Navigation"), Appendix 6, Article 5, Points 5.1.3 - strong surface wind and gust is counted from the speed above 30 knots.
- 3 According to ICAO, Annex 3 ("Meteorological Service for International Air Navigation"), Appendix 3, Article 4, Points 4.1.5.2 c) – "variations from the mean wind speed (gusts) during the past 10 minutes shall be reported when the maximum wind speed exceeds the mean speed by: ... 2) 5 m/s (10 kt) or more otherwise.
- 4 MIFG – SHALLOW FOG – when the vertical extension of fog on a runway is less than 2 meters.
- 5 VCFG – when fog is not observed on a runway, but exists in aerodrome zone.
- 6 "-" symbol in tables is used if there were no occurrences.
- 7 „0.00" –information means that occurrences of the phenomena are very rare and their percentage is expressed in the third decimal place values.

## TBILISI INTERNATIONAL AIRPORT (UGTB)



Tbilisi International Airport elevation is 495m above sea level. There is one runway with two touchdown zones (TDZ13/31). The area where it is located is a transition zone from the outer Kakheti upland to the plains of Kvemo-Kartli, adjoining the left side of the steppe of Gardabani. The northern and northeast parts of the airport territory are bounded by rolling hills, which belong to Samgori valley. Surrounding terrain features a complex topographic relief with alternating or merging rolling hills and mountain ridges.

Tbilisi lies in the region where moderately warm steppe climate gradually changes into moderately subtropical. Circular processes developing in this area are typical of the subtropical and moderate climatic zones. The intruding arctic, polar and tropical air masses are connected with the Western, Eastern and Southern Circular Processes.

The main direction of the winds in this region is determined by the direction of the river Mtkvari gorge. Therefore, the north-west wind prevails and its speed can be as high as 50 knots and over. This direction strong wind blows when a cold front moves from west or north-west. During this process, the air temperature in Tbilisi drops and cloudiness increases; atmospheric precipitation and strong winds are also experienced; rainfall, though, continues only for a short period of time, whereas the wind keeps strong for a relatively long time.

In the course of the atmospheric circulation process with air masses entering Georgia from the east, that is from the Caspian Sea, a relatively weak southeast wind is observed in Tbilisi. Cloudiness increases and the frequency of occurrence of low-height clouds rises (See Models B, C, D of Tbilisi (January, February, March), visibility reduces, and fog is formed. These weather conditions can last for several days. During the spring and summer (see Model H, weather phenomena by season) seasons the most dangerous weather phenomena in the area of Tbilisi Airport are thunderstorms and hail. Likelihood of their formation is especially high during the "Undulatory Invasion from the South".

# RVR, VISIBILITY AND CEILING

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL A

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

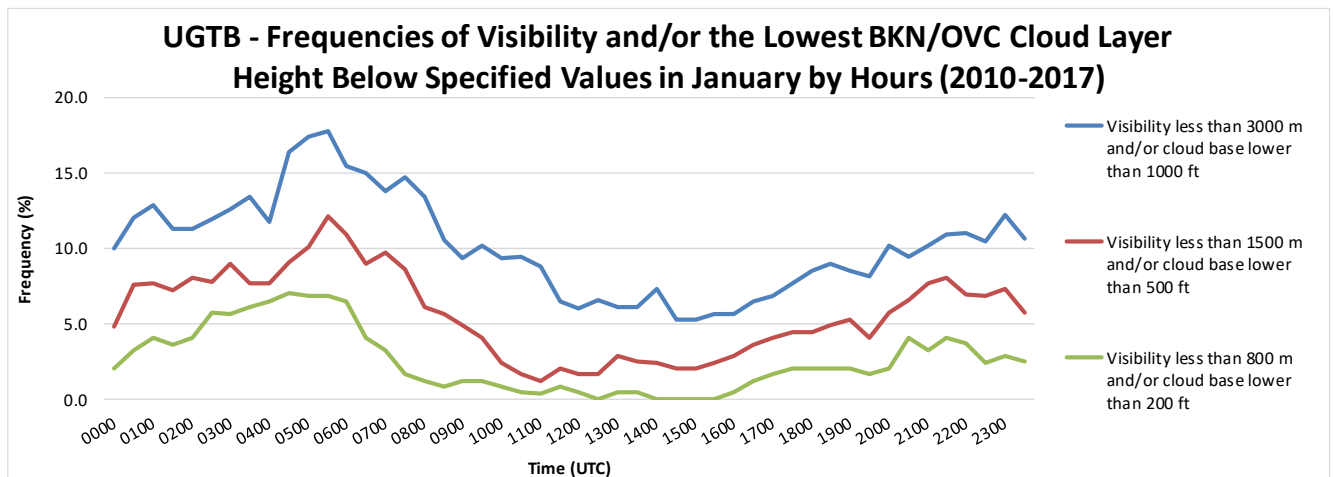
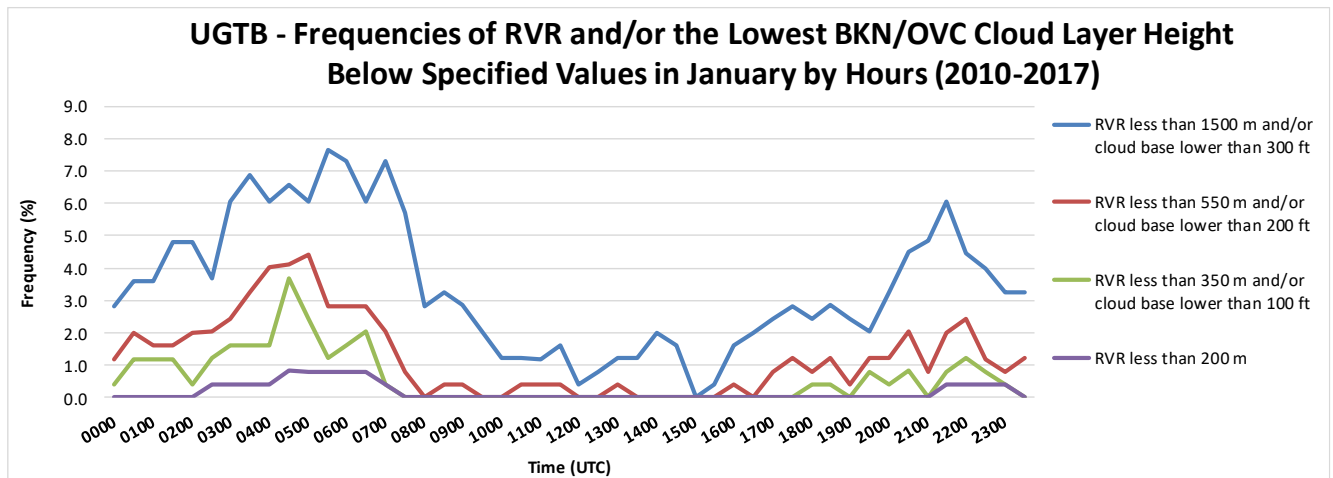
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.40	1.20	2.80	2.00	4.80	10.00	26.40
0030	-	-	1.20	2.00	3.60	3.20	7.60	12.00	27.20
0100	-	-	1.20	1.61	3.61	4.02	7.63	12.85	27.71
0130	-	-	1.20	1.61	4.82	3.61	7.23	11.24	25.70
0200	-	-	0.40	2.01	4.82	4.02	8.03	11.24	26.51
0230	-	0.41	1.23	2.05	3.69	5.74	7.79	11.89	26.64
0300	-	0.40	1.62	2.43	6.07	5.67	8.91	12.55	25.10
0330	-	0.40	1.62	3.24	6.88	6.07	7.69	13.36	25.91
0400	-	0.40	1.62	4.05	6.07	6.48	7.69	11.74	25.51
0430	-	0.82	3.69	4.10	6.56	6.97	9.02	16.39	31.56
0500	-	0.81	2.42	4.44	6.05	6.85	10.08	17.34	31.85
0530	-	0.81	1.21	2.82	7.66	6.85	12.10	17.74	33.87
0600	-	0.81	1.62	2.83	7.29	6.48	10.93	15.38	31.58
0630	-	0.81	2.02	2.83	6.07	4.05	8.91	14.98	31.17
0700	-	0.40	0.40	2.02	7.29	3.24	9.72	13.77	31.98
0730	-	-	-	0.82	5.71	1.63	8.57	14.69	29.80
0800	-	-	-	-	2.83	1.21	6.07	13.36	28.74
0830	-	-	-	0.40	3.24	0.81	5.67	10.53	29.15
0900	-	-	-	0.41	2.85	1.22	4.88	9.35	26.42
0930	-	-	-	-	2.03	1.22	4.07	10.16	24.39
1000	-	-	-	-	1.21	0.81	2.43	9.31	23.48
1030	-	-	-	0.41	1.22	0.41	1.63	9.39	24.08
1100	-	-	-	0.40	1.20	0.40	1.20	8.80	24.00
1130	-	-	-	0.40	1.61	0.81	2.02	6.45	23.39
1200	-	-	-	-	0.40	0.40	1.61	6.02	21.69
1230	-	-	-	-	0.82	-	1.63	6.53	22.45
1300	-	-	-	0.41	1.22	0.41	2.86	6.12	23.67
1330	-	-	-	-	1.22	0.41	2.44	6.10	24.80
1400	-	-	-	-	2.02	-	2.42	7.26	27.02
1430	-	-	-	-	1.62	-	2.02	5.26	24.70
1500	-	-	-	-	-	-	2.02	5.26	22.27
1530	-	-	-	-	0.40	-	2.43	5.67	21.86
1600	-	-	-	0.40	1.62	0.40	2.83	5.67	21.46

1630	-	-	-	-	2.02	1.21	3.63	6.45	22.58
1700	-	-	-	0.81	2.42	1.61	4.03	6.85	23.79
1730	-	-	-	1.21	2.83	2.02	4.45	7.69	23.08
1800	-	-	0.40	0.81	2.43	2.02	4.45	8.50	22.67
1830	-	-	0.41	1.22	2.85	2.03	4.88	8.94	23.98
1900	-	-	-	0.41	2.44	2.03	5.28	8.54	24.80
1930	-	-	0.82	1.22	2.04	1.63	4.08	8.16	25.31
2000	-	-	0.41	1.22	3.25	2.03	5.69	10.16	25.61
2030	-	-	0.82	2.05	4.51	4.10	6.56	9.43	24.59
2100	-	-	-	0.81	4.86	3.24	7.69	10.12	25.51
2130	-	0.40	0.81	2.02	6.05	4.03	8.06	10.89	26.21
2200	-	0.41	1.22	2.44	4.47	3.66	6.91	10.98	26.42
2230	-	0.40	0.80	1.20	4.00	2.40	6.80	10.40	27.20
2300	-	0.41	0.41	0.81	3.25	2.85	7.32	12.20	26.83
2330	-	-	-	1.22	3.27	2.45	5.71	10.61	26.53
TOTAL	-	0.16	0.58	1.26	3.44	2.56	5.64	10.17	25.98

In January, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.16% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 6.64% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

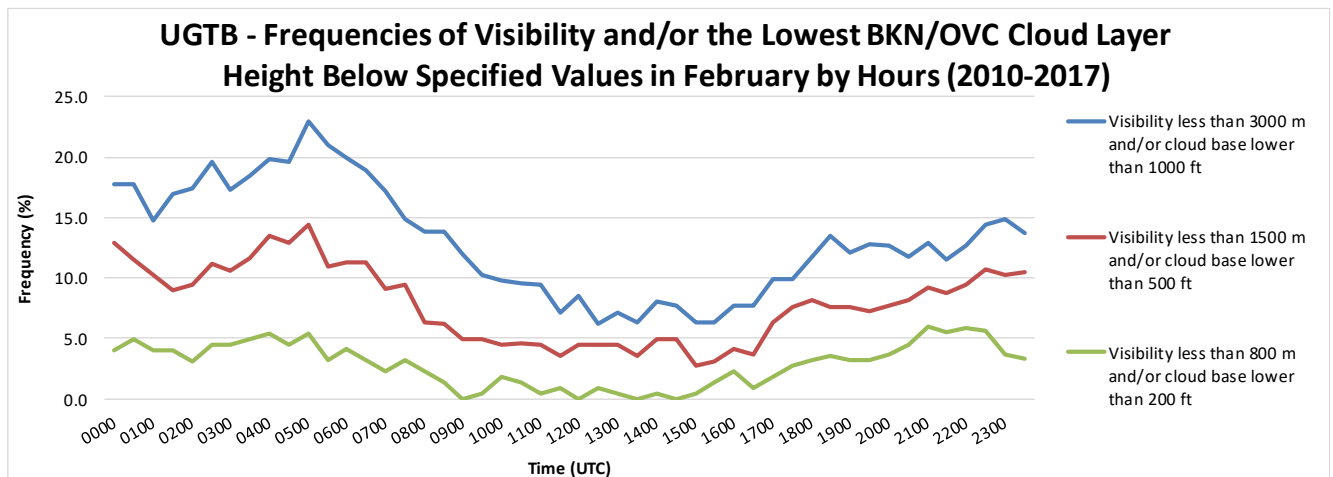
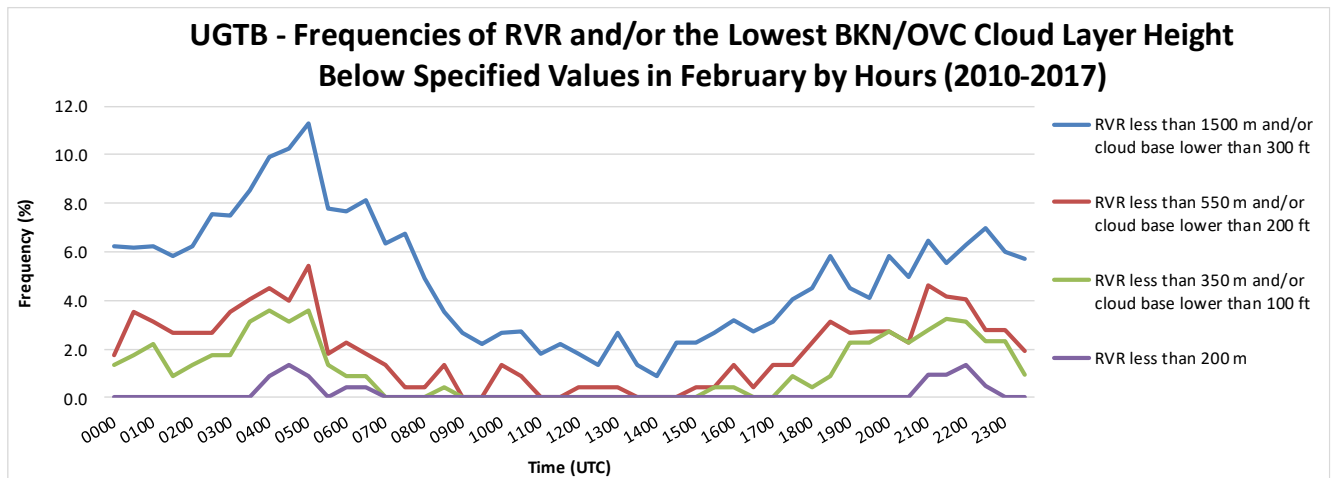
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	1.33	1.78	6.22	4.00	12.89	17.78	33.78
0030	-	-	1.77	3.54	6.19	4.87	11.50	17.70	33.63
0100	-	-	2.23	3.13	6.25	4.02	10.27	14.73	33.04
0130	-	-	0.89	2.68	5.80	4.02	8.93	16.96	33.04
0200	-	-	1.34	2.68	6.25	3.13	9.38	17.41	31.70
0230	-	-	1.78	2.67	7.56	4.44	11.11	19.56	32.44
0300	-	-	1.77	3.54	7.52	4.42	10.62	17.26	33.63
0330	-	-	3.14	4.04	8.52	4.93	11.66	18.39	32.74
0400	-	0.90	3.60	4.50	9.91	5.41	13.51	19.82	42.34
0430	-	1.34	3.13	4.02	10.27	4.46	12.95	19.64	41.52
0500	-	0.90	3.60	5.41	11.26	5.41	14.41	22.97	43.69
0530	-	-	1.37	1.83	7.76	3.20	10.96	21.00	45.21
0600	-	0.45	0.90	2.26	7.69	4.07	11.31	19.91	41.63
0630	-	0.45	0.90	1.80	8.11	3.15	11.26	18.92	40.54
0700	-	-	-	1.36	6.33	2.26	9.05	17.19	40.27
0730	-	-	-	0.45	6.76	3.15	9.46	14.86	36.94
0800	-	-	-	0.45	4.91	2.23	6.25	13.84	34.82
0830	-	-	0.44	1.33	3.56	1.33	6.22	13.78	34.67
0900	-	-	-	-	2.67	-	4.89	12.00	33.78
0930	-	-	-	-	2.22	0.44	4.89	10.22	29.33
1000	-	-	-	1.34	2.68	1.79	4.46	9.82	29.02
1030	-	-	-	0.90	2.71	1.36	4.52	9.50	26.70
1100	-	-	-	-	1.79	0.45	4.46	9.38	25.00
1130	-	-	-	-	2.22	0.89	3.56	7.11	24.00
1200	-	-	-	0.45	1.79	-	4.46	8.48	22.32
1230	-	-	-	0.44	1.33	0.89	4.44	6.22	22.22
1300	-	-	-	0.44	2.65	0.44	4.42	7.08	21.68
1330	-	-	-	-	1.34	-	3.57	6.25	20.09
1400	-	-	-	-	0.89	0.45	4.91	8.04	22.77
1430	-	-	-	-	2.25	-	4.95	7.66	22.07
1500	-	-	-	0.45	2.25	0.45	2.70	6.31	19.37
1530	-	-	0.45	0.45	2.68	1.34	3.13	6.25	18.30
1600	-	-	0.45	1.36	3.17	2.26	4.07	7.69	16.74

1630	-	-	-	0.45	2.73	0.91	3.64	7.73	19.09
1700	-	-	-	1.35	3.15	1.80	6.31	9.91	19.82
1730	-	-	0.90	1.35	4.04	2.69	7.62	9.87	22.42
1800	-	-	0.45	2.25	4.50	3.15	8.11	11.71	23.87
1830	-	-	0.90	3.14	5.83	3.59	7.62	13.45	24.22
1900	-	-	2.24	2.69	4.48	3.14	7.62	12.11	25.11
1930	-	-	2.27	2.73	4.09	3.18	7.27	12.73	24.55
2000	-	-	2.70	2.70	5.86	3.60	7.66	12.61	26.13
2030	-	-	2.25	2.25	4.95	4.50	8.11	11.71	25.68
2100	-	0.92	2.76	4.61	6.45	5.99	9.22	12.90	27.19
2130	-	0.92	3.23	4.15	5.53	5.53	8.76	11.52	31.34
2200	-	1.35	3.15	4.05	6.31	5.86	9.46	12.61	30.18
2230	-	0.47	2.33	2.79	6.98	5.58	10.70	14.42	29.30
2300	-	-	2.31	2.78	6.02	3.70	10.19	14.81	30.09
2330	-	-	0.95	1.90	5.69	3.32	10.43	13.74	28.91
TOTAL	-	0.16	1.15	1.92	5.00	2.82	7.86	13.03	29.31

In February, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.16% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 7.86% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

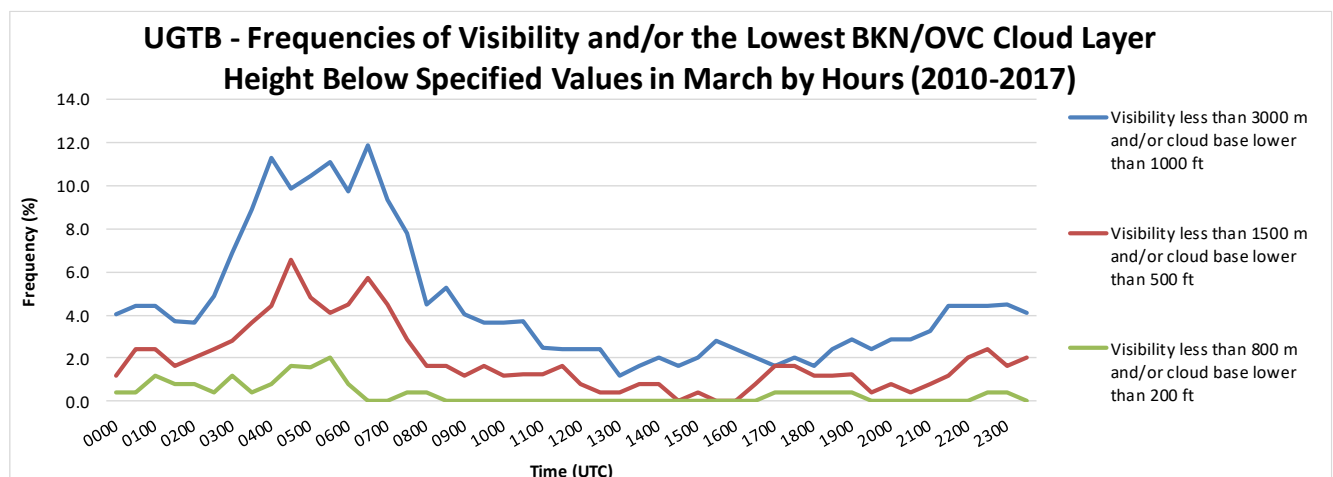
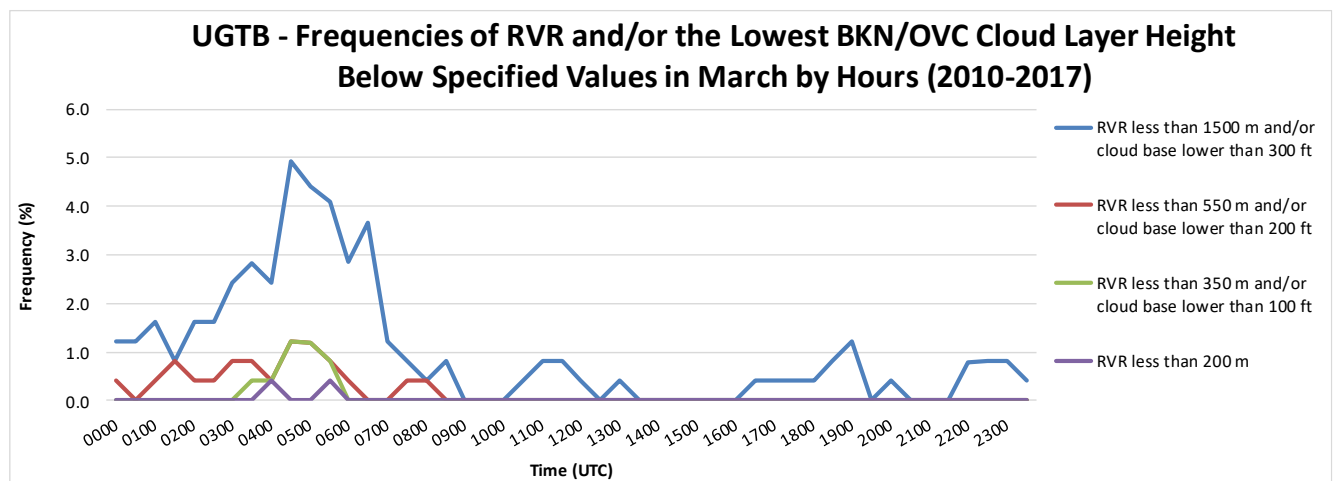
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	0.40	1.21	0.40	1.21	4.05	13.77
0030	-	-	-	-	1.21	0.40	2.43	4.45	14.17
0100	-	-	-	0.40	1.61	1.21	2.42	4.44	14.52
0130	-	-	-	0.82	0.82	0.82	1.64	3.69	14.75
0200	-	-	-	0.41	1.63	0.81	2.03	3.66	14.23
0230	-	-	-	0.40	1.62	0.40	2.43	4.86	15.38
0300	-	-	-	0.81	2.43	1.21	2.83	6.88	19.03
0330	-	-	0.40	0.81	2.82	0.40	3.63	8.87	25.81
0400	-	0.40	0.40	0.40	2.42	0.81	4.44	11.29	25.81
0430	-	-	1.23	1.23	4.94	1.65	6.58	9.88	25.10
0500	-	-	1.20	1.20	4.42	1.61	4.82	10.44	24.50
0530	-	0.41	0.82	0.82	4.10	2.05	4.10	11.07	25.82
0600	-	-	-	0.41	2.85	0.81	4.47	9.76	20.33
0630	-	-	-	-	3.67	-	5.71	11.84	20.82
0700	-	-	-	-	1.22	-	4.47	9.35	19.92
0730	-	-	-	0.41	0.82	0.41	2.87	7.79	17.62
0800	-	-	-	0.41	0.41	0.41	1.63	4.49	15.51
0830	-	-	-	-	0.81	-	1.63	5.28	13.82
0900	-	-	-	-	-	-	1.21	4.03	12.50
0930	-	-	-	-	-	-	1.63	3.67	11.02
1000	-	-	-	-	-	-	1.22	3.66	10.16
1030	-	-	-	-	0.41	-	1.23	3.70	9.47
1100	-	-	-	-	0.83	-	1.24	2.49	8.71
1130	-	-	-	-	0.81	-	1.62	2.43	8.91
1200	-	-	-	-	0.41	-	0.81	2.44	7.72
1230	-	-	-	-	-	-	0.41	2.45	9.39
1300	-	-	-	-	0.41	-	0.41	1.22	6.91
1330	-	-	-	-	-	-	0.82	1.63	8.16
1400	-	-	-	-	-	-	0.82	2.05	7.79
1430	-	-	-	-	-	-	-	1.65	6.17
1500	-	-	-	-	-	-	0.41	2.04	6.94
1530	-	-	-	-	-	-	-	2.83	7.29
1600	-	-	-	-	-	-	-	2.44	6.50

1630	-	-	-	-	0.41	-	0.82	2.05	6.97
1700	-	-	-	-	0.41	0.41	1.64	1.64	5.74
1730	-	-	-	-	0.40	0.40	1.62	2.02	6.48
1800	-	-	-	-	0.41	0.41	1.22	1.63	7.32
1830	-	-	-	-	0.81	0.41	1.22	2.44	6.91
1900	-	-	-	-	1.22	0.41	1.22	2.86	8.16
1930	-	-	-	-	-	-	0.41	2.45	8.57
2000	-	-	-	-	0.41	-	0.81	2.85	10.57
2030	-	-	-	-	-	-	0.41	2.87	11.07
2100	-	-	-	-	-	-	0.82	3.27	11.84
2130	-	-	-	-	-	-	1.21	4.45	12.55
2200	-	-	-	-	0.80	-	2.01	4.42	12.85
2230	-	-	-	-	0.81	0.40	2.42	4.44	13.31
2300	-	-	-	-	0.82	0.41	1.64	4.51	10.66
2330	-	-	-	-	0.41	-	2.06	4.12	12.35
TOTAL	-	0.02	0.08	0.19	1.02	0.34	1.89	4.52	12.80

In March, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.02% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.89% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

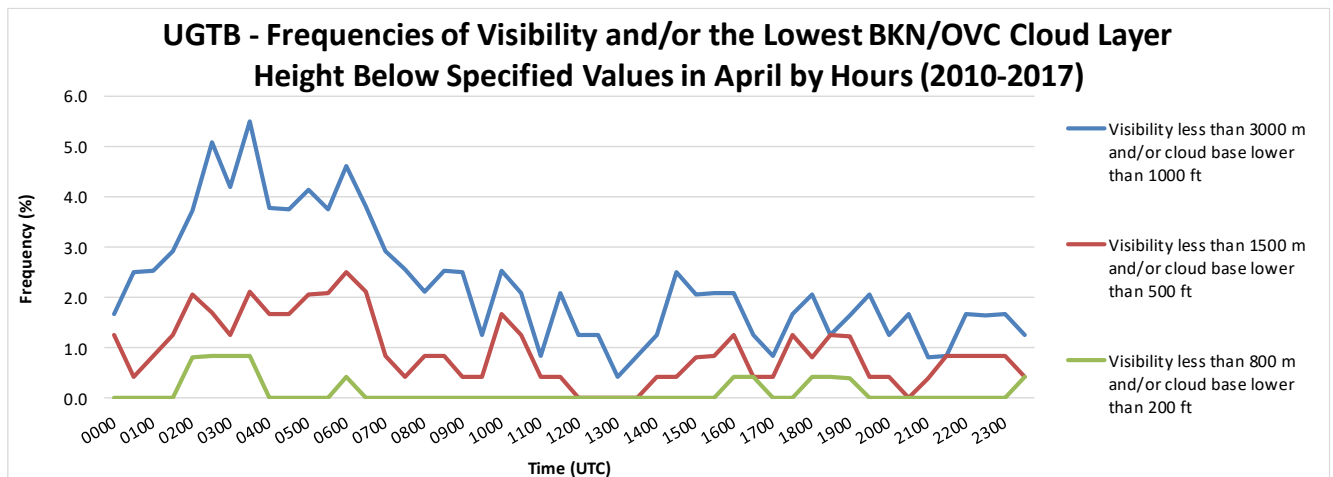
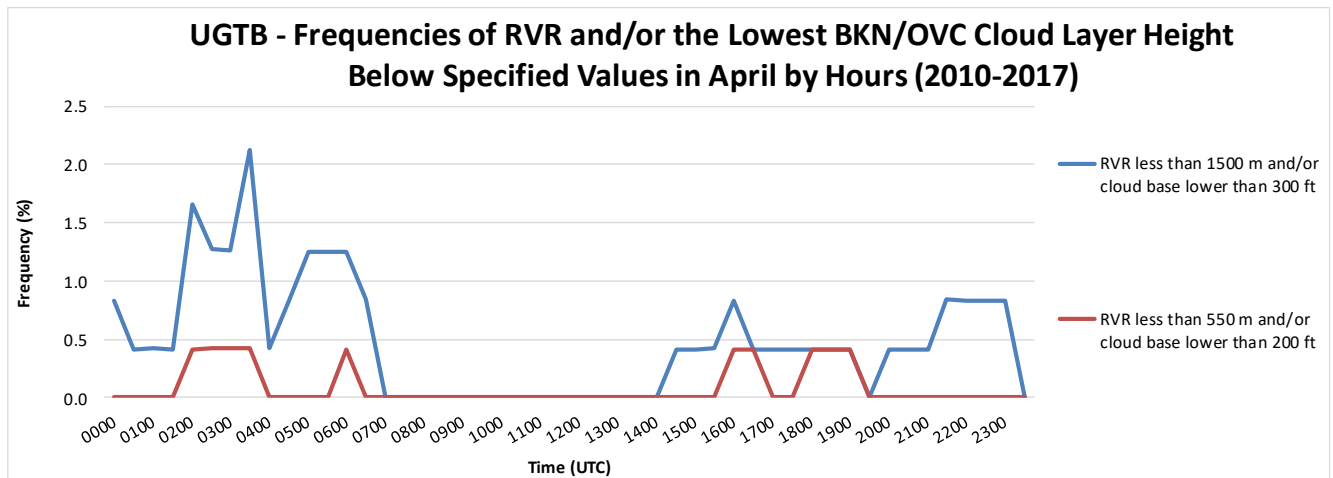
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	0.84	-	1.26	1.67	8.37
0030	-	-	-	-	0.42	-	0.42	2.51	9.62
0100	-	-	-	-	0.42	-	0.84	2.52	9.66
0130	-	-	-	-	0.42	-	1.25	2.92	10.83
0200	-	-	-	0.41	1.65	0.83	2.07	3.72	11.98
0230	-	-	-	0.42	1.27	0.85	1.69	5.08	14.83
0300	-	-	-	0.42	1.26	0.84	1.26	4.20	14.71
0330	-	-	-	0.42	2.12	0.85	2.12	5.51	16.10
0400	-	-	-	-	0.42	-	1.68	3.78	14.71
0430	-	-	-	-	0.83	-	1.67	3.75	14.17
0500	-	-	-	-	1.24	-	2.07	4.15	12.03
0530	-	-	-	-	1.26	-	2.09	3.77	10.46
0600	-	-	-	0.42	1.26	0.42	2.51	4.60	11.30
0630	-	-	-	-	0.85	-	2.12	3.81	10.17
0700	-	-	-	-	-	-	0.83	2.92	11.25
0730	-	-	-	-	-	-	0.43	2.55	9.36
0800	-	-	-	-	-	-	0.84	2.11	8.86
0830	-	-	-	-	-	-	0.84	2.52	7.14
0900	-	-	-	-	-	-	0.42	2.51	8.37
0930	-	-	-	-	-	-	0.42	1.27	9.70
1000	-	-	-	-	-	-	1.68	2.52	8.40
1030	-	-	-	-	-	-	1.26	2.10	7.14
1100	-	-	-	-	-	-	0.41	0.83	7.05
1130	-	-	-	-	-	-	0.42	2.08	5.83
1200	-	-	-	-	-	-	-	1.26	4.18
1230	-	-	-	-	-	-	-	1.26	4.20
1300	-	-	-	-	-	-	-	0.42	5.00
1330	-	-	-	-	-	-	-	0.84	5.88
1400	-	-	-	-	-	-	0.42	1.25	5.42
1430	-	-	-	-	0.42	-	0.42	2.51	6.69
1500	-	-	-	-	0.41	-	0.82	2.05	5.33
1530	-	-	-	-	0.42	-	0.84	2.10	6.30
1600	-	-	-	0.42	0.83	0.42	1.25	2.08	4.58

1630	-	-	-	0.41	0.41	0.41	0.41	1.24	4.15
1700	-	-	-	-	0.41	-	0.41	0.83	4.15
1730	-	-	-	-	0.42	-	1.25	1.67	5.42
1800	-	-	-	0.41	0.41	0.41	0.83	2.07	5.37
1830	-	-	-	0.41	0.41	0.41	1.24	1.24	5.39
1900	-	-	-	0.41	0.41	0.41	1.23	1.65	5.76
1930	-	-	-	-	-	-	0.41	2.07	6.64
2000	-	-	-	-	0.42	-	0.42	1.25	5.42
2030	-	-	-	-	0.42	-	-	1.67	5.42
2100	-	-	-	-	0.41	-	0.41	0.82	6.17
2130	-	-	-	-	0.84	-	0.84	0.84	6.75
2200	-	-	-	-	0.83	-	0.83	1.67	8.33
2230	-	-	-	-	0.83	-	0.83	1.66	7.88
2300	-	-	-	-	0.83	-	0.83	1.67	8.33
2330	-	-	-	-	-	0.42	0.42	1.26	8.37
TOTAL	-	-	-	0.09	0.49	0.13	0.93	2.26	8.18

In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 550 meters, based on eight-year observation, constitutes 0.09% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.93% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

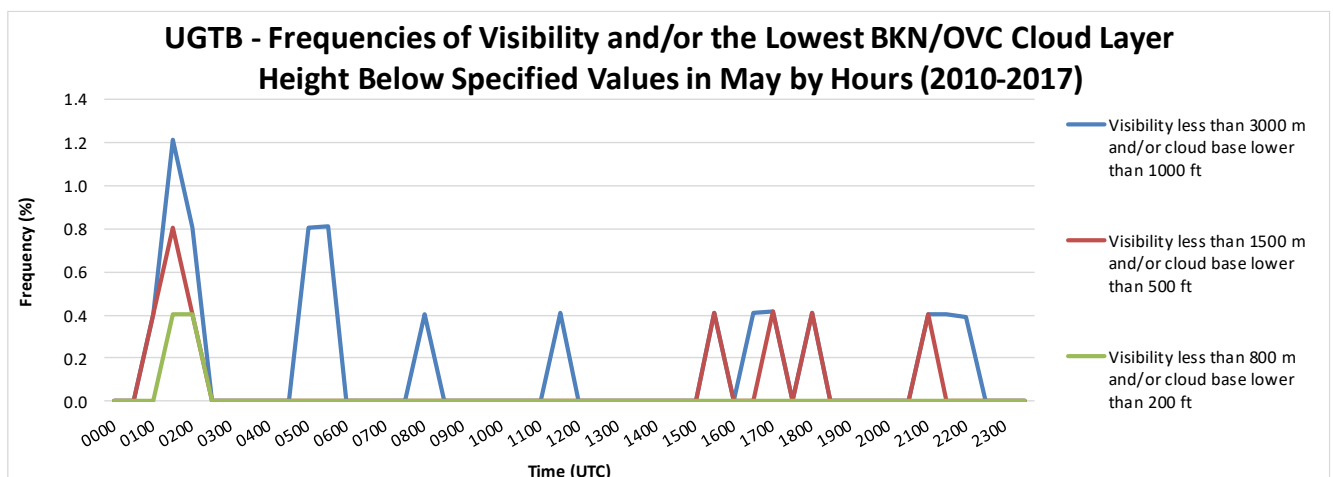
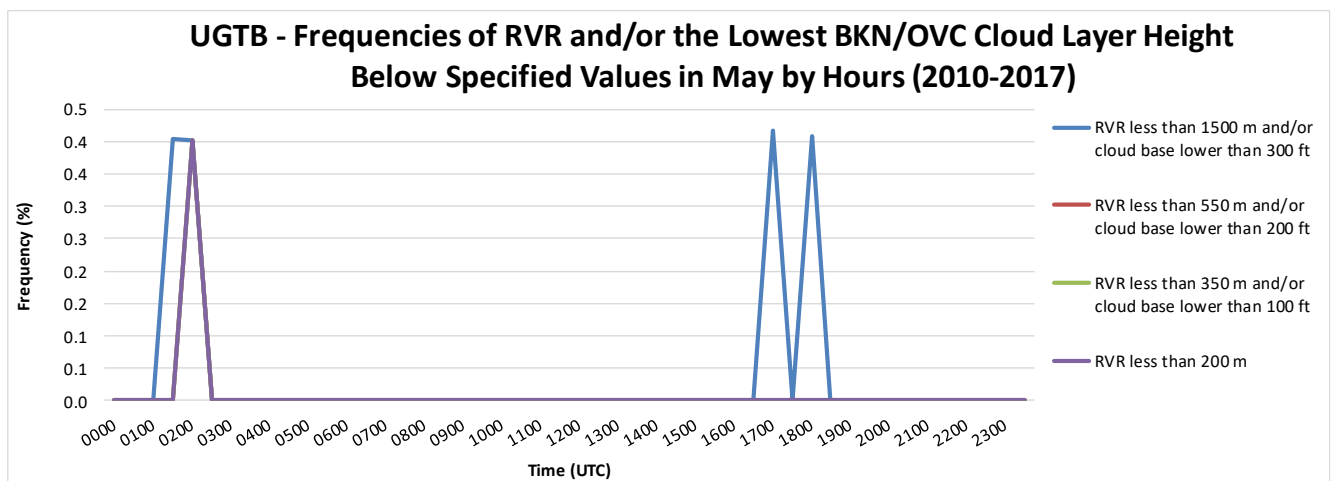
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	1.65
0030	-	-	-	-	-	-	-	-	1.21
0100	-	-	-	-	-	-	0.40	0.40	2.41
0130	-	-	-	-	0.40	0.40	0.81	1.21	2.42
0200	-	0.40	0.40	0.40	0.40	0.40	0.40	0.80	3.21
0230	-	-	-	-	-	-	-	-	4.78
0300	-	-	-	-	-	-	-	-	3.66
0330	-	-	-	-	-	-	-	-	5.67
0400	-	-	-	-	-	-	-	-	5.24
0430	-	-	-	-	-	-	-	-	5.71
0500	-	-	-	-	-	-	-	0.81	5.24
0530	-	-	-	-	-	-	-	0.81	5.69
0600	-	-	-	-	-	-	-	-	4.44
0630	-	-	-	-	-	-	-	-	2.85
0700	-	-	-	-	-	-	-	-	2.49
0730	-	-	-	-	-	-	-	-	3.25
0800	-	-	-	-	-	-	-	0.40	1.62
0830	-	-	-	-	-	-	-	-	1.63
0900	-	-	-	-	-	-	-	-	1.24
0930	-	-	-	-	-	-	-	-	2.08
1000	-	-	-	-	-	-	-	-	1.66
1030	-	-	-	-	-	-	-	-	1.25
1100	-	-	-	-	-	-	-	-	0.83
1130	-	-	-	-	-	-	-	0.41	1.24
1200	-	-	-	-	-	-	-	-	1.24
1230	-	-	-	-	-	-	-	-	1.24
1300	-	-	-	-	-	-	-	-	0.83
1330	-	-	-	-	-	-	-	-	1.26
1400	-	-	-	-	-	-	-	-	1.25
1430	-	-	-	-	-	-	-	-	1.22
1500	-	-	-	-	-	-	-	-	0.41
1530	-	-	-	-	-	-	0.41	0.41	2.04
1600	-	-	-	-	-	-	-	-	2.04

1630	-	-	-	-	-	-	-	0.41	1.63
1700	-	-	-	-	0.42	-	0.42	0.42	1.25
1730	-	-	-	-	-	-	-	-	0.81
1800	-	-	-	-	0.41	-	0.41	0.41	0.82
1830	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	0.41
1930	-	-	-	-	-	-	-	-	1.21
2000	-	-	-	-	-	-	-	-	0.81
2030	-	-	-	-	-	-	-	-	0.41
2100	-	-	-	-	-	-	0.40	0.40	0.81
2130	-	-	-	-	-	-	-	0.40	0.81
2200	-	-	-	-	-	-	-	0.39	1.18
2230	-	-	-	-	-	-	-	-	2.02
2300	-	-	-	-	-	-	-	-	2.05
2330	-	-	-	-	-	-	-	-	2.01
TOTAL	-	0.01	0.01	0.01	0.03	0.02	0.07	0.16	2.07

In May, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.01% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.07% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

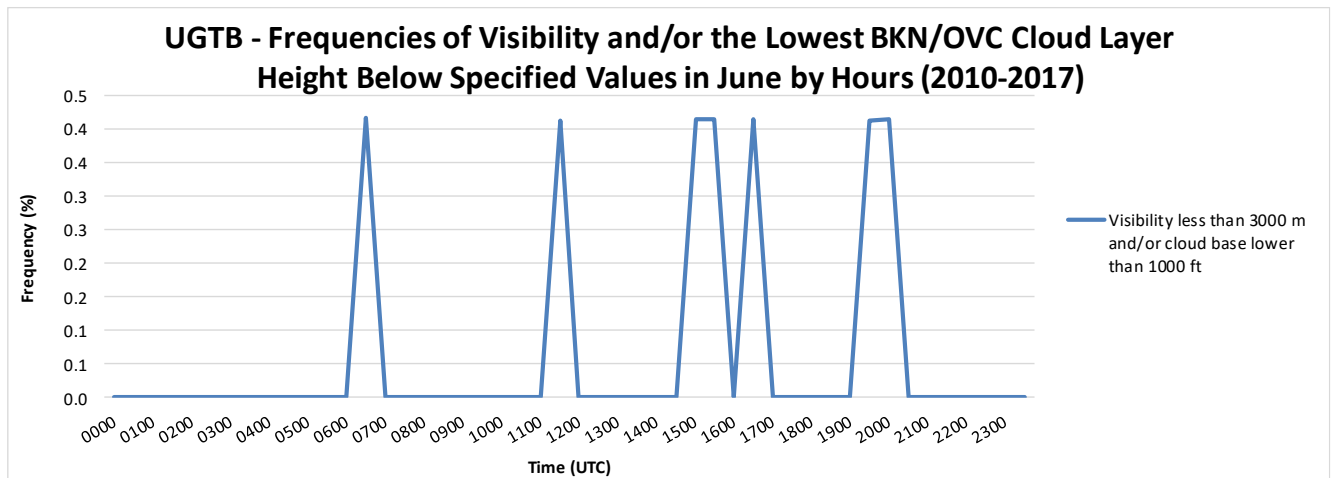
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	-	-	0.82
0130	-	-	-	-	-	-	-	-	2.09
0200	-	-	-	-	-	-	-	-	1.64
0230	-	-	-	-	-	-	-	-	3.70
0300	-	-	-	-	-	-	-	-	1.65
0330	-	-	-	-	-	-	-	-	1.63
0400	-	-	-	-	-	-	-	-	2.08
0430	-	-	-	-	-	-	-	-	3.27
0500	-	-	-	-	-	-	-	-	1.24
0530	-	-	-	-	-	-	-	-	0.83
0600	-	-	-	-	-	-	-	-	-
0630	-	-	-	-	-	-	-	0.42	0.42
0700	-	-	-	-	-	-	-	-	0.83
0730	-	-	-	-	-	-	-	-	-
0800	-	-	-	-	-	-	-	-	-
0830	-	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-	-
0930	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	0.41
1030	-	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-	0.41
1130	-	-	-	-	-	-	0.41	0.41	1.65
1200	-	-	-	-	-	-	-	-	0.42
1230	-	-	-	-	-	-	-	-	0.41
1300	-	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	-	0.83
1400	-	-	-	-	-	-	-	-	0.41
1430	-	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	0.41	1.24
1530	-	-	-	-	-	-	-	0.41	1.66
1600	-	-	-	-	-	-	-	-	0.41

1630	-	-	-	-	-	-	-	0.41	0.83
1700	-	-	-	-	-	-	-	-	-
1730	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	0.41
1830	-	-	-	-	-	-	-	-	0.41
1900	-	-	-	-	-	-	-	-	0.42
1930	-	-	-	-	-	-	-	0.41	1.24
2000	-	-	-	-	-	-	-	0.41	0.41
2030	-	-	-	-	-	-	-	-	1.23
2100	-	-	-	-	-	-	-	-	0.41
2130	-	-	-	-	-	-	-	-	0.83
2200	-	-	-	-	-	-	-	-	0.41
2230	-	-	-	-	-	-	-	-	1.67
2300	-	-	-	-	-	-	-	-	0.41
2330	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	0.01	0.06	0.77

In June, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.01% (see Model A)..



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

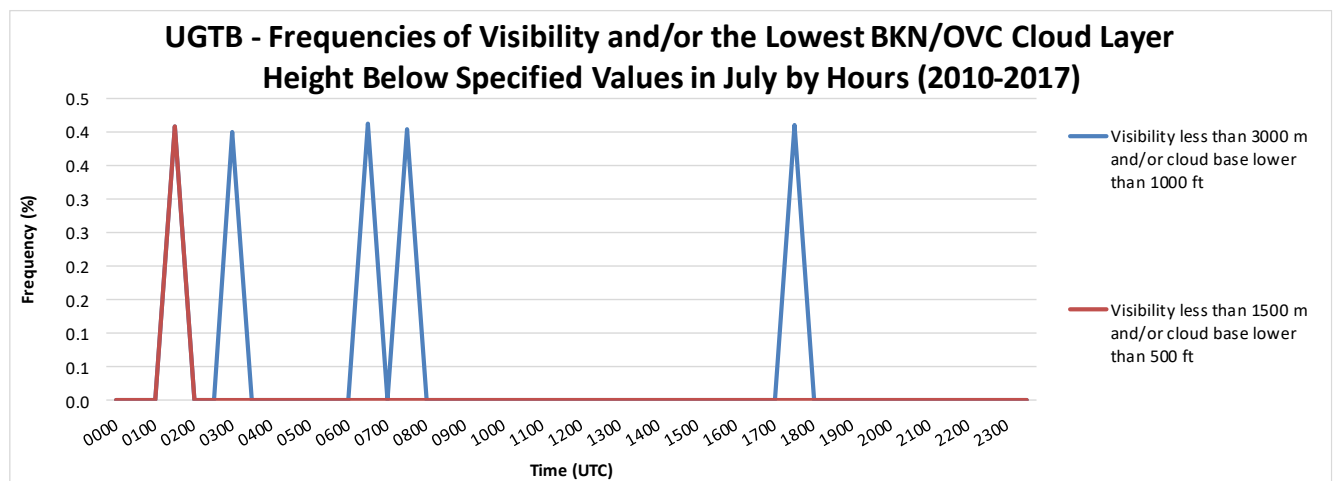
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-	0.40
0100	-	-	-	-	-	-	-	-	0.40
0130	-	-	-	-	-	-	0.41	0.41	0.82
0200	-	-	-	-	-	-	-	-	0.81
0230	-	-	-	-	-	-	-	-	1.24
0300	-	-	-	-	-	-	-	0.40	0.80
0330	-	-	-	-	-	-	-	-	0.40
0400	-	-	-	-	-	-	-	-	1.20
0430	-	-	-	-	-	-	-	-	0.81
0500	-	-	-	-	-	-	-	-	2.02
0530	-	-	-	-	-	-	-	-	1.22
0600	-	-	-	-	-	-	-	-	1.23
0630	-	-	-	-	-	-	-	0.41	1.24
0700	-	-	-	-	-	-	-	-	0.41
0730	-	-	-	-	-	-	-	0.40	0.81
0800	-	-	-	-	-	-	-	-	0.81
0830	-	-	-	-	-	-	-	-	0.82
0900	-	-	-	-	-	-	-	-	0.82
0930	-	-	-	-	-	-	-	-	0.41
1000	-	-	-	-	-	-	-	-	0.41
1030	-	-	-	-	-	-	-	-	0.41
1100	-	-	-	-	-	-	-	-	0.41
1130	-	-	-	-	-	-	-	-	0.41
1200	-	-	-	-	-	-	-	-	0.41
1230	-	-	-	-	-	-	-	-	-
1300	-	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	-	-
1400	-	-	-	-	-	-	-	-	-
1430	-	-	-	-	-	-	-	-	0.81
1500	-	-	-	-	-	-	-	-	0.40
1530	-	-	-	-	-	-	-	-	0.41
1600	-	-	-	-	-	-	-	-	-

1630	-	-	-	-	-	-	-	-	2.09
1700	-	-	-	-	-	-	-	-	-
1730	-	-	-	-	-	-	-	0.41	0.41
1800	-	-	-	-	-	-	-	-	-
1830	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-
2130	-	-	-	-	-	-	-	-	0.40
2200	-	-	-	-	-	-	-	-	-
2230	-	-	-	-	-	-	-	-	-
2300	-	-	-	-	-	-	-	-	0.40
2330	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	0.01	0.04	0.49

In July, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.01% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

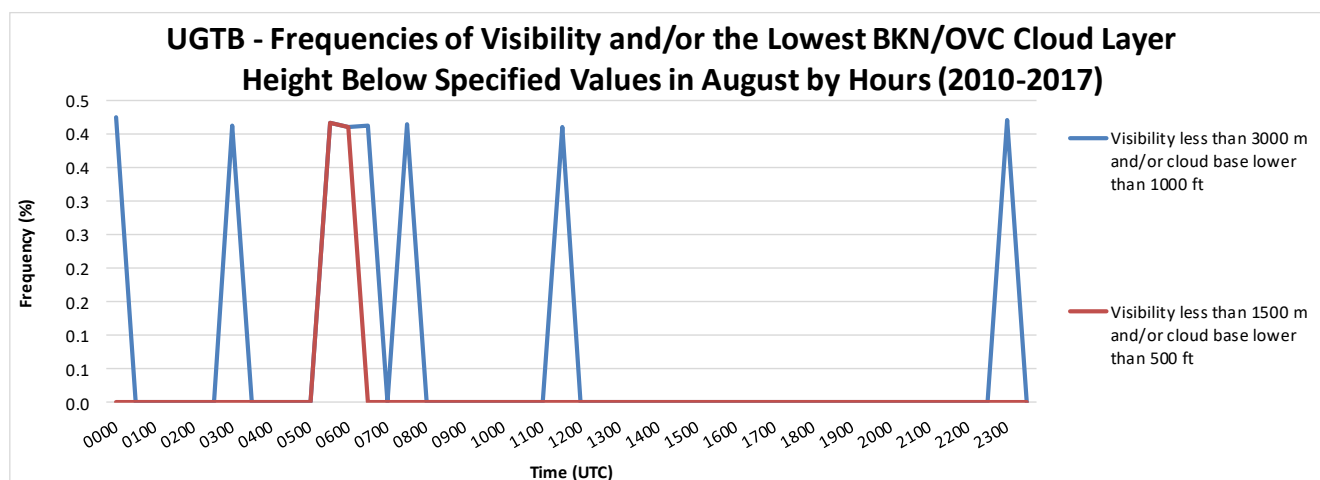
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	0.43	0.43
0030	-	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	-	-	0.42
0130	-	-	-	-	-	-	-	-	0.84
0200	-	-	-	-	-	-	-	-	1.26
0230	-	-	-	-	-	-	-	-	1.26
0300	-	-	-	-	-	-	-	0.41	1.24
0330	-	-	-	-	-	-	-	-	0.42
0400	-	-	-	-	-	-	-	-	0.83
0430	-	-	-	-	-	-	-	-	0.42
0500	-	-	-	-	-	-	-	-	0.41
0530	-	-	-	-	-	-	0.42	0.42	0.42
0600	-	-	-	-	-	-	0.41	0.41	0.41
0630	-	-	-	-	-	-	-	0.41	1.24
0700	-	-	-	-	-	-	-	-	0.83
0730	-	-	-	-	-	-	-	0.41	1.24
0800	-	-	-	-	-	-	-	-	1.24
0830	-	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-	0.41
0930	-	-	-	-	-	-	-	-	0.84
1000	-	-	-	-	-	-	-	-	0.42
1030	-	-	-	-	-	-	-	-	0.41
1100	-	-	-	-	-	-	-	-	0.82
1130	-	-	-	-	-	-	-	0.41	1.23
1200	-	-	-	-	-	-	-	-	1.23
1230	-	-	-	-	-	-	-	-	0.83
1300	-	-	-	-	-	-	-	-	0.83
1330	-	-	-	-	-	-	-	-	0.82
1400	-	-	-	-	-	-	-	-	0.41
1430	-	-	-	-	-	-	-	-	0.41
1500	-	-	-	-	-	-	-	-	1.22
1530	-	-	-	-	-	-	-	-	0.82
1600	-	-	-	-	-	-	-	-	0.41

1630	-	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-	-	1.24
1730	-	-	-	-	-	-	-	-	1.28
1800	-	-	-	-	-	-	-	-	0.83
1830	-	-	-	-	-	-	-	-	0.85
1900	-	-	-	-	-	-	-	-	0.42
1930	-	-	-	-	-	-	-	-	1.29
2000	-	-	-	-	-	-	-	-	0.84
2030	-	-	-	-	-	-	-	-	0.83
2100	-	-	-	-	-	-	-	-	0.84
2130	-	-	-	-	-	-	-	-	1.24
2200	-	-	-	-	-	-	-	-	1.66
2230	-	-	-	-	-	-	-	-	1.66
2300	-	-	-	-	-	-	-	0.42	2.10
2330	-	-	-	-	-	-	-	-	1.27
TOTAL	-	-	-	-	-	-	0.02	0.07	0.84

In August, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.02% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

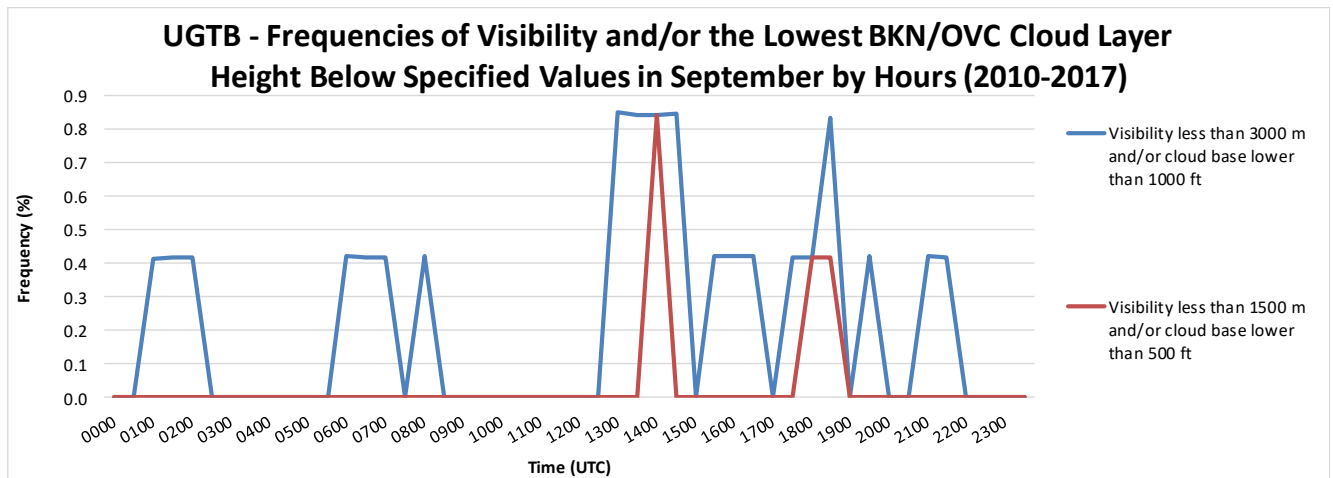
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	2.15
0030	-	-	-	-	-	-	-	-	2.53
0100	-	-	-	-	-	-	-	0.41	1.65
0130	-	-	-	-	-	-	-	0.42	2.92
0200	-	-	-	-	-	-	-	0.42	1.67
0230	-	-	-	-	-	-	-	-	4.15
0300	-	-	-	-	-	-	-	-	2.94
0330	-	-	-	-	-	-	-	-	2.54
0400	-	-	-	-	-	-	-	-	3.77
0430	-	-	-	-	-	-	-	-	5.06
0500	-	-	-	-	-	-	-	-	4.24
0530	-	-	-	-	-	-	-	-	5.63
0600	-	-	-	-	-	-	-	0.42	5.04
0630	-	-	-	-	-	-	-	0.42	3.77
0700	-	-	-	-	-	-	-	0.42	2.92
0730	-	-	-	-	-	-	-	-	2.56
0800	-	-	-	-	-	-	-	0.42	1.68
0830	-	-	-	-	-	-	-	-	1.28
0900	-	-	-	-	-	-	-	-	1.26
0930	-	-	-	-	-	-	-	-	1.28
1000	-	-	-	-	-	-	-	-	1.27
1030	-	-	-	-	-	-	-	-	0.42
1100	-	-	-	-	-	-	-	-	1.69
1130	-	-	-	-	-	-	-	-	0.85
1200	-	-	-	-	-	-	-	-	0.42
1230	-	-	-	-	-	-	-	-	0.82
1300	-	-	-	-	-	-	-	0.85	1.28
1330	-	-	-	-	-	-	-	0.84	1.27
1400	-	-	-	-	-	-	0.84	0.84	1.68
1430	-	-	-	-	-	-	-	0.85	1.69
1500	-	-	-	-	-	-	-	-	0.85
1530	-	-	-	-	-	-	-	0.42	0.84
1600	-	-	-	-	-	-	-	0.42	1.26

1630	-	-	-	-	-	-	-	0.42	2.12
1700	-	-	-	-	-	-	-	-	2.11
1730	-	-	-	-	-	-	-	0.42	2.09
1800	-	-	-	-	-	-	0.42	0.42	2.08
1830	-	-	-	-	-	-	0.42	0.83	2.50
1900	-	-	-	-	-	-	-	-	2.10
1930	-	-	-	-	-	-	-	0.42	1.69
2000	-	-	-	-	-	-	-	-	1.26
2030	-	-	-	-	-	-	-	-	1.26
2100	-	-	-	-	-	-	-	0.42	2.11
2130	-	-	-	-	-	-	-	0.42	1.67
2200	-	-	-	-	-	-	-	-	1.26
2230	-	-	-	-	-	-	-	-	1.28
2300	-	-	-	-	-	-	-	-	0.83
2330	-	-	-	-	-	-	-	-	2.52
TOTAL	-	-	-	-	-	-	0.04	0.22	2.09

In September, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.04% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

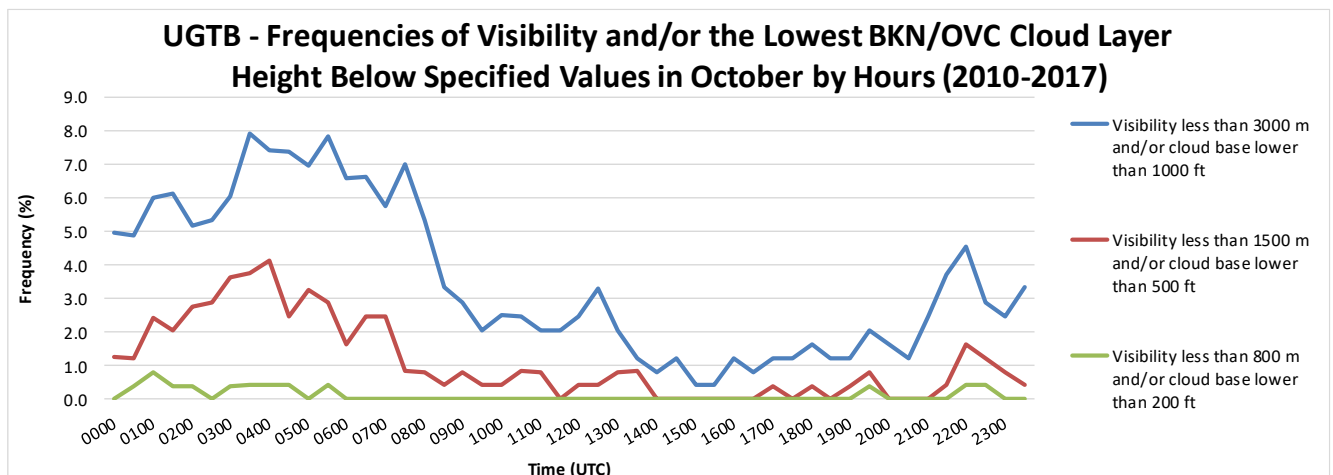
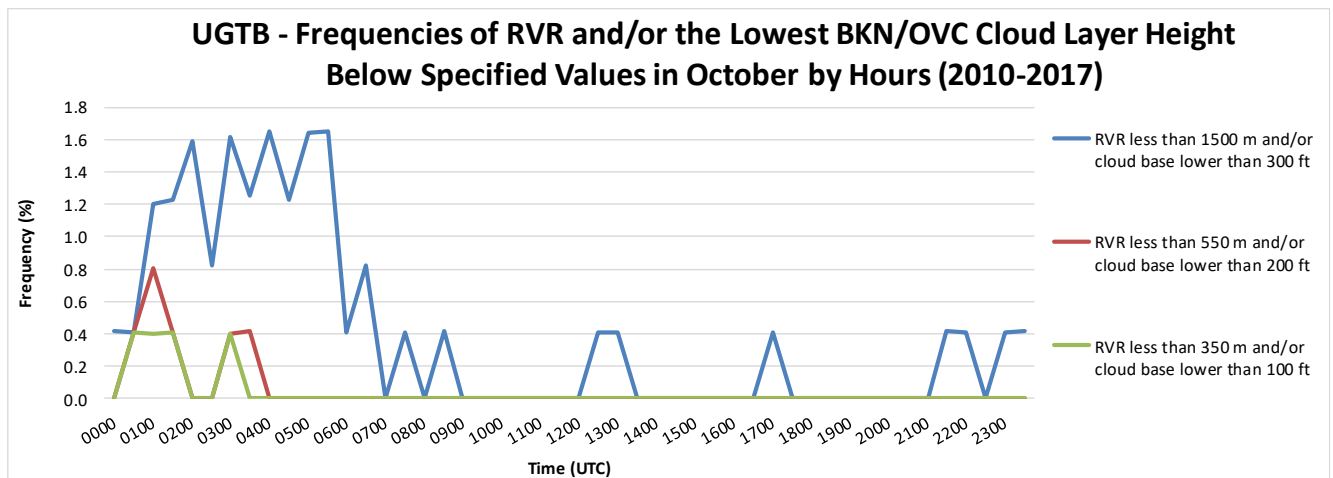
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	0.41	-	1.24	4.98	14.94
0030	-	-	0.41	0.41	0.41	0.41	1.22	4.90	14.69
0100	-	-	0.40	0.80	1.20	0.80	2.41	6.02	15.66
0130	-	-	0.41	0.41	1.22	0.41	2.04	6.12	15.92
0200	-	-	-	-	1.59	0.40	2.78	5.16	15.08
0230	-	-	-	-	0.82	-	2.87	5.33	15.98
0300	-	-	0.40	0.40	1.61	0.40	3.63	6.05	15.32
0330	-	-	-	0.42	1.25	0.42	3.75	7.92	18.33
0400	-	-	-	-	1.65	0.41	4.13	7.44	18.60
0430	-	-	-	-	1.23	0.41	2.46	7.38	18.85
0500	-	-	-	-	1.64	-	3.28	6.97	20.08
0530	-	-	-	-	1.65	0.41	2.89	7.85	18.60
0600	-	-	-	-	0.41	-	1.65	6.58	18.52
0630	-	-	-	-	0.83	-	2.48	6.61	17.36
0700	-	-	-	-	-	-	2.47	5.76	12.76
0730	-	-	-	-	0.41	-	0.83	7.02	14.88
0800	-	-	-	-	-	-	0.82	5.35	13.58
0830	-	-	-	-	0.42	-	0.42	3.36	13.45
0900	-	-	-	-	-	-	0.82	2.87	9.43
0930	-	-	-	-	-	-	0.41	2.07	9.92
1000	-	-	-	-	-	-	0.42	2.50	9.17
1030	-	-	-	-	-	-	0.83	2.48	7.44
1100	-	-	-	-	-	-	0.82	2.06	7.82
1130	-	-	-	-	-	-	-	2.06	7.00
1200	-	-	-	-	-	-	0.41	2.48	8.26
1230	-	-	-	-	0.41	-	0.41	3.29	7.41
1300	-	-	-	-	0.41	-	0.82	2.04	6.94
1330	-	-	-	-	-	-	0.83	1.24	6.20
1400	-	-	-	-	-	-	-	0.81	8.94
1430	-	-	-	-	-	-	-	1.23	7.79
1500	-	-	-	-	-	-	-	0.41	5.76
1530	-	-	-	-	-	-	-	0.41	4.10
1600	-	-	-	-	-	-	-	1.21	6.48

1630	-	-	-	-	-	-	-	0.82	6.53
1700	-	-	-	-	0.41	-	0.41	1.22	6.94
1730	-	-	-	-	-	-	-	1.22	7.72
1800	-	-	-	-	-	-	0.41	1.63	8.94
1830	-	-	-	-	-	-	-	1.24	9.92
1900	-	-	-	-	-	-	0.41	1.22	10.61
1930	-	-	-	-	-	0.41	0.81	2.03	11.38
2000	-	-	-	-	-	-	-	1.64	11.07
2030	-	-	-	-	-	-	-	1.22	10.20
2100	-	-	-	-	-	-	-	2.47	11.52
2130	-	-	-	-	0.41	-	0.41	3.73	12.45
2200	-	-	-	-	0.41	0.41	1.65	4.55	11.57
2230	-	-	-	-	-	0.41	1.23	2.88	12.35
2300	-	-	-	-	0.41	-	0.82	2.46	12.70
2330	-	-	-	-	0.42	-	0.42	3.33	13.33
TOTAL	-	-	0.03	0.05	0.41	0.11	1.12	3.53	11.72

In October, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters, based on eight-year observation, constitutes 0.03% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.12% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

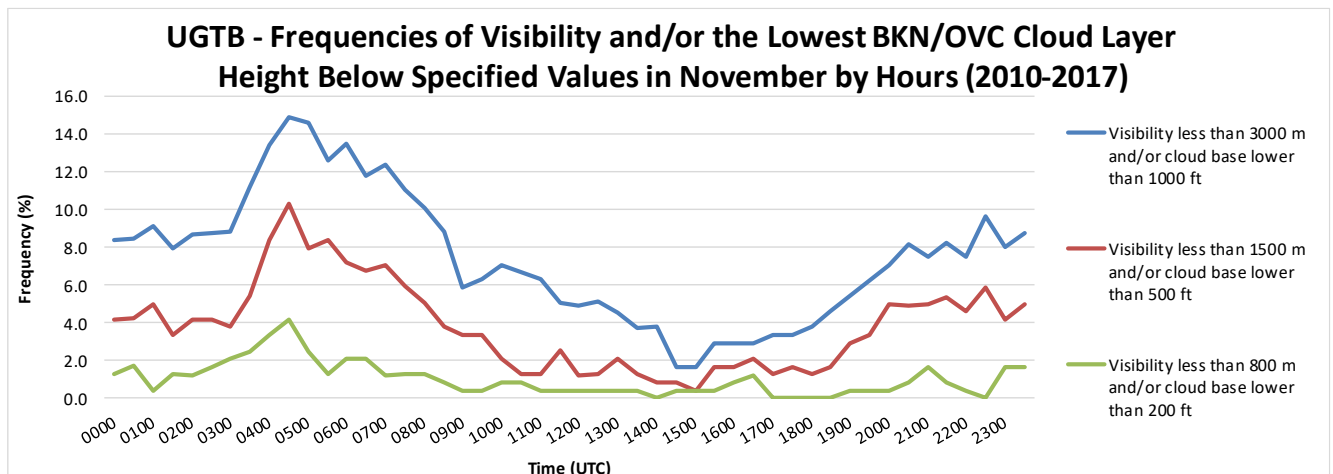
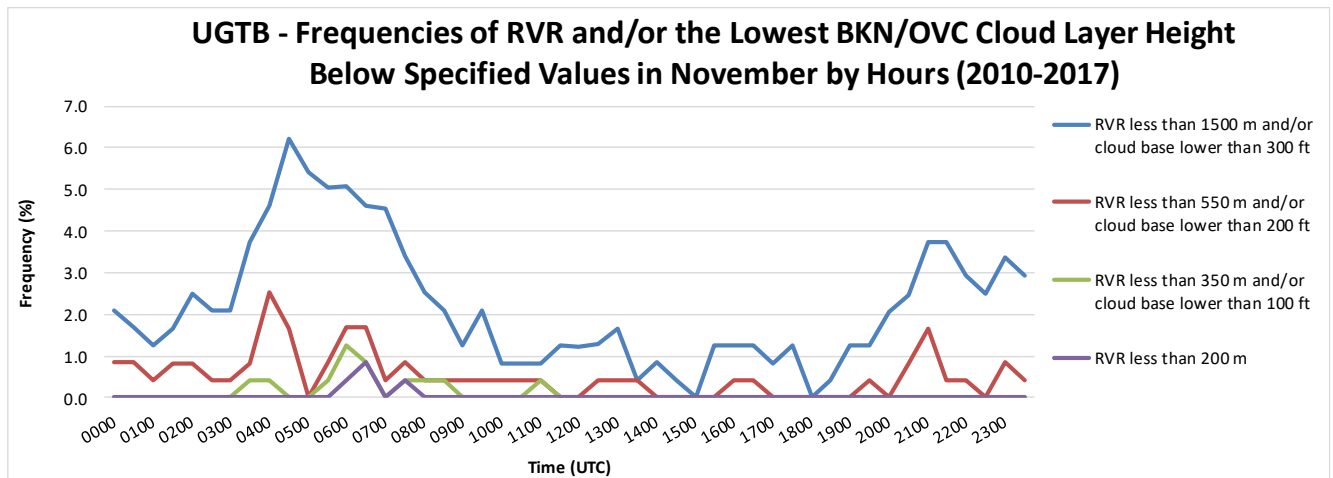
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	0.84	2.10	1.26	4.20	8.40	22.27
0030	-	-	-	0.85	1.69	1.69	4.24	8.47	22.88
0100	-	-	-	0.41	1.24	0.41	4.98	9.13	24.48
0130	-	-	-	0.83	1.67	1.25	3.33	7.92	25.83
0200	-	-	-	0.83	2.49	1.24	4.15	8.71	27.39
0230	-	-	-	0.42	2.09	1.67	4.18	8.79	24.27
0300	-	-	-	0.42	2.10	2.10	3.78	8.82	23.95
0330	-	-	0.41	0.83	3.73	2.49	5.39	11.20	28.63
0400	-	-	0.42	2.52	4.62	3.36	8.40	13.45	34.03
0430	-	-	-	1.65	6.20	4.13	10.33	14.88	33.88
0500	-	-	-	-	5.42	2.50	7.92	14.58	32.50
0530	-	-	0.42	0.84	5.04	1.26	8.40	12.61	32.35
0600	-	0.42	1.27	1.69	5.06	2.11	7.17	13.50	30.38
0630	-	0.84	0.84	1.68	4.62	2.10	6.72	11.76	27.31
0700	-	-	-	0.41	4.55	1.24	7.02	12.40	27.27
0730	-	0.43	0.43	0.85	3.40	1.28	5.96	11.06	27.66
0800	-	-	0.42	0.42	2.52	1.26	5.04	10.08	28.57
0830	-	-	0.42	0.42	2.10	0.84	3.78	8.82	26.05
0900	-	-	-	0.42	1.26	0.42	3.36	5.88	22.27
0930	-	-	-	0.42	2.11	0.42	3.38	6.33	20.25
1000	-	-	-	0.42	0.83	0.83	2.08	7.08	19.58
1030	-	-	-	0.42	0.84	0.84	1.26	6.69	16.74
1100	-	-	0.42	0.42	0.84	0.42	1.26	6.28	17.99
1130	-	-	-	-	1.26	0.42	2.52	5.04	15.13
1200	-	-	-	-	1.23	0.41	1.23	4.94	18.52
1230	-	-	-	0.43	1.28	0.43	1.28	5.11	19.57
1300	-	-	-	0.41	1.65	0.41	2.07	4.55	22.73
1330	-	-	-	0.42	0.42	0.42	1.25	3.75	22.92
1400	-	-	-	-	0.84	-	0.84	3.78	21.01
1430	-	-	-	-	0.42	0.42	0.83	1.67	16.67
1500	-	-	-	-	-	0.42	0.42	1.68	13.87
1530	-	-	-	-	1.26	0.42	1.68	2.94	16.81
1600	-	-	-	0.42	1.26	0.84	1.68	2.94	16.81

1630	-	-	-	0.41	1.24	1.24	2.07	2.90	17.01
1700	-	-	-	-	0.83	-	1.25	3.33	15.83
1730	-	-	-	-	1.25	-	1.67	3.33	15.00
1800	-	-	-	-	-	-	1.27	3.80	16.88
1830	-	-	-	-	0.42	-	1.68	4.62	17.23
1900	-	-	-	-	1.24	0.41	2.90	5.39	16.18
1930	-	-	-	0.42	1.25	0.42	3.33	6.25	17.92
2000	-	-	-	-	2.07	0.41	4.98	7.05	20.33
2030	-	-	-	0.82	2.45	0.82	4.90	8.16	20.41
2100	-	-	-	1.67	3.75	1.67	5.00	7.50	19.17
2130	-	-	-	0.41	3.72	0.83	5.37	8.26	22.73
2200	-	-	-	0.42	2.92	0.42	4.58	7.50	22.92
2230	-	-	-	-	2.51	-	5.86	9.62	24.69
2300	-	-	-	0.84	3.36	1.68	4.20	7.98	23.11
2330	-	-	-	0.42	2.92	1.67	5.00	8.75	22.50
TOTAL	-	0.03	0.10	0.52	2.21	1.02	3.84	7.45	22.34

In November, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.03% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 3.84% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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

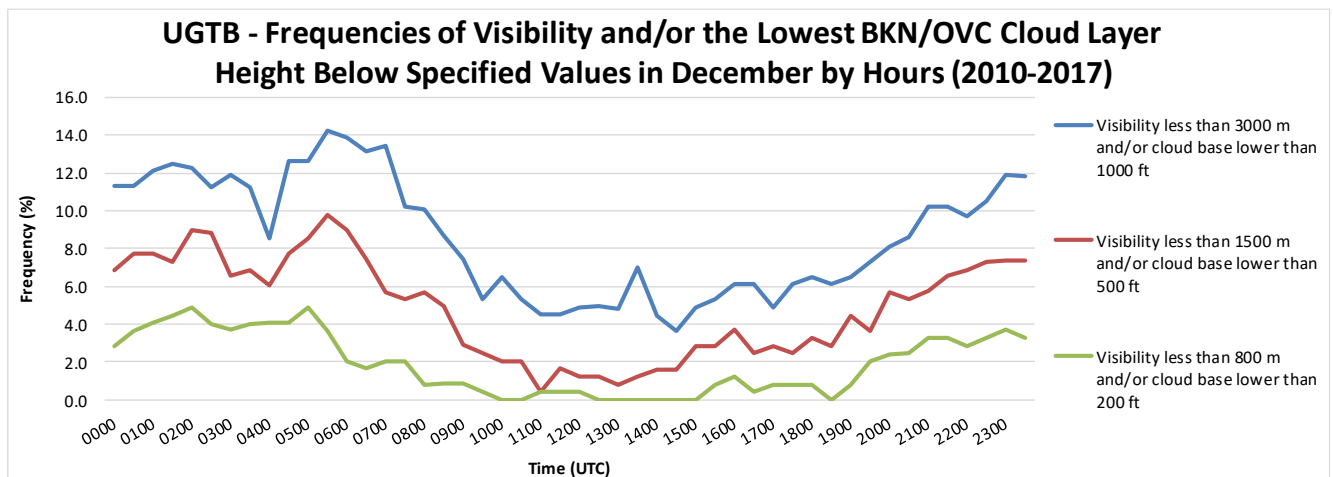
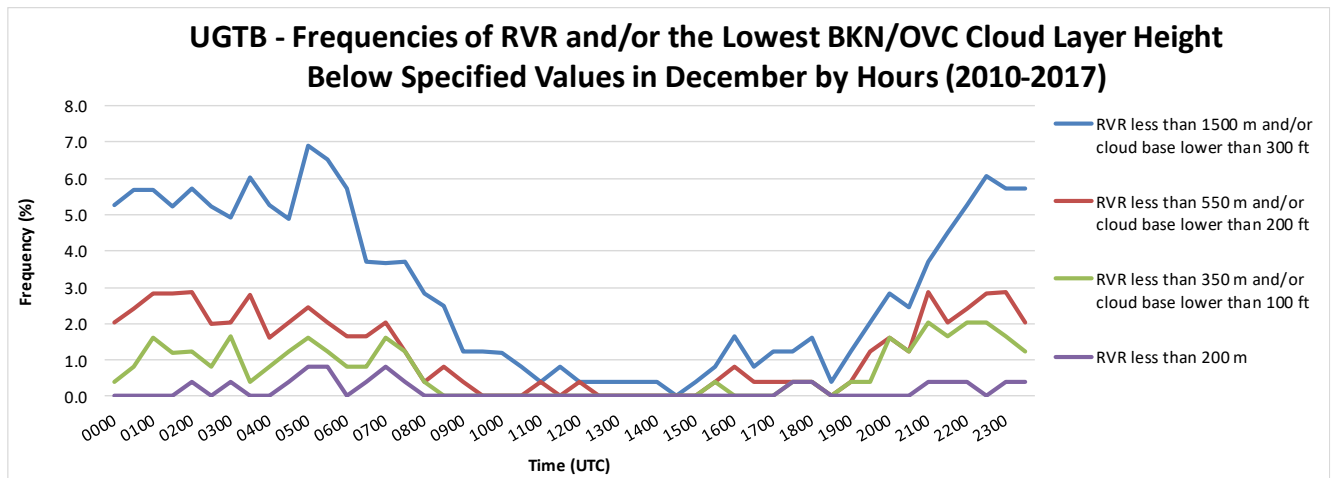
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.40	2.02	5.26	2.83	6.88	11.34	25.10
0030	-	-	0.81	2.43	5.67	3.64	7.69	11.34	26.32
0100	-	-	1.62	2.83	5.67	4.05	7.69	12.15	24.70
0130	-	-	1.21	2.82	5.24	4.44	7.26	12.50	24.19
0200	-	0.41	1.22	2.86	5.71	4.90	8.98	12.24	23.67
0230	-	-	0.80	2.01	5.22	4.02	8.84	11.24	22.89
0300	-	0.41	1.64	2.05	4.92	3.69	6.56	11.89	22.54
0330	-	-	0.40	2.81	6.02	4.02	6.83	11.24	24.50
0400	-	-	0.81	1.62	5.26	4.05	6.07	8.50	24.29
0430	-	0.41	1.22	2.04	4.90	4.08	7.76	12.65	34.29
0500	-	0.81	1.63	2.44	6.91	4.88	8.54	12.60	32.93
0530	-	0.81	1.22	2.03	6.50	3.66	9.76	14.23	30.89
0600	-	-	0.82	1.63	5.71	2.04	8.98	13.88	30.61
0630	-	0.41	0.82	1.65	3.70	1.65	7.41	13.17	29.22
0700	-	0.81	1.63	2.03	3.66	2.03	5.69	13.41	28.05
0730	-	0.41	1.23	1.23	3.69	2.05	5.33	10.25	27.05
0800	-	-	0.40	0.40	2.82	0.81	5.65	10.08	25.40
0830	-	-	-	0.83	2.48	0.83	4.96	8.68	22.31
0900	-	-	-	0.41	1.24	0.83	2.89	7.44	23.14
0930	-	-	-	-	1.23	0.41	2.46	5.33	20.90
1000	-	-	-	-	1.21	-	2.02	6.45	17.74
1030	-	-	-	-	0.82	-	2.05	5.33	18.03
1100	-	-	-	0.41	0.41	0.41	0.41	4.55	18.60
1130	-	-	-	-	0.82	0.41	1.63	4.49	17.96
1200	-	-	-	0.41	0.41	0.41	1.22	4.88	19.51
1230	-	-	-	-	0.41	-	1.24	4.98	20.33
1300	-	-	-	-	0.40	-	0.81	4.84	25.00
1330	-	-	-	-	0.41	-	1.23	7.00	27.98
1400	-	-	-	-	0.41	-	1.63	4.47	30.89
1430	-	-	-	-	-	-	1.63	3.66	24.39
1500	-	-	-	-	0.40	-	2.83	4.86	24.29
1530	-	-	0.41	0.41	0.81	0.81	2.85	5.28	25.61
1600	-	-	-	0.82	1.63	1.22	3.67	6.12	24.49

1630	-	-	-	0.41	0.81	0.41	2.44	6.10	23.58
1700	-	-	-	0.41	1.22	0.82	2.86	4.90	24.49
1730	-	0.41	0.41	0.41	1.22	0.81	2.44	6.10	23.98
1800	-	0.40	0.40	0.40	1.62	0.81	3.24	6.48	25.51
1830	-	-	-	-	0.41	-	2.85	6.10	22.76
1900	-	-	0.41	0.41	1.22	0.81	4.47	6.50	24.39
1930	-	-	0.41	1.22	2.03	2.03	3.66	7.32	23.58
2000	-	-	1.61	1.61	2.82	2.42	5.65	8.06	24.19
2030	-	-	1.22	1.22	2.45	2.45	5.31	8.57	23.27
2100	-	0.41	2.05	2.87	3.69	3.28	5.74	10.25	23.77
2130	-	0.41	1.64	2.05	4.51	3.28	6.56	10.25	25.82
2200	-	0.40	2.02	2.43	5.26	2.83	6.88	9.72	28.34
2230	-	-	2.02	2.83	6.07	3.24	7.29	10.53	26.32
2300	-	0.41	1.64	2.87	5.74	3.69	7.38	11.89	24.59
2330	-	0.41	1.22	2.04	5.71	3.27	7.35	11.84	26.94
TOTAL	-	0.15	0.70	1.24	3.02	1.93	4.87	8.66	24.78

In December, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.15% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Tbilisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 4.87% (see Model A).



## AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL B

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.40	1.20	1.60	2.00	2.40	5.60	10.40	21.60
0030	0.80	2.00	2.80	2.80	4.00	7.60	13.20	21.60
0100	0.80	2.41	3.21	3.61	4.42	7.23	13.25	20.48
0130	0.80	2.41	3.21	3.21	4.02	6.43	12.05	20.48
0200	0.80	2.81	2.81	3.21	4.82	7.23	12.05	21.29
0230	1.64	3.69	4.92	5.33	6.15	7.38	12.70	22.54
0300	1.21	4.05	4.86	5.26	7.29	9.31	12.96	21.46
0330	1.62	4.05	4.86	5.26	6.48	8.50	11.74	21.86
0400	2.43	4.45	5.67	6.07	6.88	7.29	12.55	21.46
0430	2.46	4.51	5.33	6.56	8.20	13.11	21.31	27.87
0500	2.42	5.24	6.05	6.45	8.87	15.73	20.97	28.63
0530	2.02	4.03	6.05	6.45	10.89	16.13	21.77	30.65
0600	1.21	2.43	4.86	5.67	8.91	13.77	21.05	29.55
0630	0.81	2.43	3.64	4.05	6.48	14.57	21.86	30.36
0700	0.81	1.62	2.02	2.83	7.69	11.74	22.27	30.77
0730	0.41	0.82	1.22	1.63	5.31	11.84	20.41	28.98
0800	-	-	0.81	1.21	2.43	8.10	17.81	26.72
0830	-	-	0.81	0.81	2.83	6.07	16.60	26.72
0900	-	0.41	0.41	0.81	3.25	5.69	14.63	24.39
0930	-	-	-	1.22	2.44	5.69	13.01	22.36
1000	-	0.40	0.40	0.81	0.81	6.07	14.17	21.46
1030	-	-	-	-	1.22	4.49	13.47	20.41
1100	-	-	-	-	0.80	4.00	12.00	20.00
1130	-	-	-	0.40	1.61	4.03	9.27	20.16
1200	-	-	-	0.40	0.80	3.61	11.24	18.88
1230	-	-	-	-	0.82	3.67	10.20	19.59
1300	0.41	0.41	0.41	0.41	1.22	4.49	11.02	20.41
1330	-	0.41	0.41	0.41	1.22	4.07	10.16	21.95
1400	-	-	-	-	2.02	5.24	12.90	25.81
1430	-	-	-	-	1.21	2.83	7.69	21.86
1500	-	-	-	-	0.81	3.24	6.07	19.03
1530	-	-	-	-	0.81	3.24	6.88	18.62
1600	-	-	-	0.40	1.62	3.64	6.48	18.62
1630	0.40	0.40	1.21	1.21	2.02	4.84	7.26	19.35

1700	0.40	0.81	1.21	1.21	2.82	5.65	8.47	20.16
1730	0.81	1.21	1.62	1.62	2.02	5.67	9.72	20.24
1800	0.40	0.81	1.62	2.02	2.43	6.48	11.34	19.84
1830	-	1.22	1.22	1.63	2.85	5.28	10.57	21.14
1900	-	1.22	1.22	1.63	3.25	5.69	9.35	21.95
1930	0.41	1.22	1.22	1.63	2.86	6.12	9.39	21.63
2000	0.41	1.22	2.03	2.03	4.47	7.72	10.57	22.36
2030	1.23	2.46	2.87	3.69	5.33	7.79	11.48	21.31
2100	0.40	1.62	2.02	3.24	5.26	7.69	11.74	22.27
2130	0.81	2.02	2.82	4.03	6.05	8.87	12.10	22.58
2200	2.03	2.85	2.85	3.25	4.47	7.72	13.01	21.95
2230	0.80	1.20	2.00	2.00	3.20	8.00	13.20	23.20
2300	0.81	1.63	2.44	2.85	4.07	7.72	13.82	23.98
2330	0.82	0.82	2.04	2.45	3.27	5.31	9.80	21.63
Mean	0.64	1.47	1.97	2.33	3.81	7.13	12.83	22.71

According to the climatological table of January the mean percentage of visibility values below 8000 meters is 22.71%, correspondingly, the mean percentage of 77.29% 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 0.40% (See climatological table of January, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.89	3.11	4.00	4.00	9.78	12.00	15.11	28.44
0030	2.21	2.65	4.42	4.42	8.41	11.50	15.04	27.88
0100	1.79	2.23	3.13	3.13	6.25	10.27	14.29	27.68
0130	0.45	2.23	3.13	3.13	6.25	8.93	14.73	25.45
0200	1.79	2.23	2.68	2.68	4.46	8.04	14.29	26.79
0230	1.78	2.22	4.00	4.00	7.56	11.11	15.56	27.11
0300	2.21	3.98	3.98	3.98	7.52	11.06	16.37	26.99
0330	1.79	3.14	4.04	4.93	8.52	10.31	19.28	27.35
0400	1.35	3.60	5.41	5.41	9.91	14.41	26.13	40.09
0430	1.79	4.02	4.02	4.46	7.59	14.29	26.34	38.84
0500	1.35	4.05	4.95	5.41	9.91	17.57	27.93	41.44
0530	0.46	2.28	2.28	3.20	7.31	13.70	28.77	43.38
0600	0.45	2.26	3.17	4.07	7.24	13.12	23.53	40.27
0630	0.45	1.80	2.25	3.15	8.11	12.16	22.52	38.74
0700	-	0.45	1.81	2.26	4.98	13.57	22.62	38.46
0730	-	0.90	2.70	3.15	6.31	10.81	19.37	34.23
0800	-	-	0.45	2.23	4.02	8.93	16.96	30.36
0830	-	0.44	0.44	0.44	2.67	7.56	15.11	29.33
0900	-	-	-	-	1.78	5.78	12.89	27.56
0930	-	-	-	0.44	1.78	5.78	12.00	24.89
1000	-	0.45	0.89	1.34	2.68	4.02	12.05	23.66
1030	-	0.45	1.36	1.36	2.26	4.98	10.86	21.27
1100	-	-	0.45	0.45	2.23	3.13	9.82	19.20
1130	-	-	-	0.89	1.78	4.00	8.00	17.78
1200	-	-	-	-	1.34	3.57	7.14	16.07
1230	-	-	-	0.44	0.89	4.00	7.56	17.33
1300	-	-	-	-	0.44	3.54	7.08	15.49
1330	-	-	-	-	0.45	2.68	8.04	15.18
1400	-	-	-	0.45	0.45	3.57	8.93	16.52
1430	-	-	-	-	1.35	3.60	7.66	16.22
1500	-	-	-	-	0.90	2.25	7.66	13.96
1530	0.45	0.45	0.89	1.34	1.79	3.13	7.14	12.05
1600	0.45	0.90	1.36	1.81	3.17	3.62	5.43	12.22
1630	-	-	0.45	0.91	1.82	3.64	5.91	13.64
1700	-	0.45	0.45	0.90	3.60	5.41	8.56	13.96

1730	0.45	1.79	1.79	2.24	4.48	7.17	11.66	17.94
1800	0.45	1.80	2.70	2.70	4.50	7.66	9.46	19.37
1830	1.79	2.69	3.14	3.59	5.38	8.52	12.11	20.63
1900	1.79	2.69	2.69	3.14	5.38	7.17	10.76	21.08
1930	1.82	2.73	2.73	3.18	5.00	6.36	10.91	20.00
2000	1.80	2.70	2.70	3.60	4.95	5.41	11.71	20.27
2030	1.35	3.60	3.60	4.50	5.86	6.76	11.71	20.27
2100	2.76	4.61	5.53	5.53	6.91	7.37	11.52	23.04
2130	3.23	4.15	4.15	5.07	6.91	7.37	11.98	27.65
2200	2.25	4.50	4.50	5.86	6.76	7.66	11.71	25.23
2230	2.33	3.26	4.65	5.58	7.44	8.37	12.09	24.65
2300	2.31	2.78	2.78	3.70	6.94	8.80	11.57	25.93
2330	0.95	2.37	2.84	3.32	7.11	9.48	13.27	24.64
Mean	0.89	1.75	2.22	2.63	4.86	7.79	13.57	24.59

According to the climatological table of February the mean percentage of visibility values below 8000 meters is 24.59%, correspondingly, the mean percentage of 75.41% 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 0.89% (See climatological table of February, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	0.40	0.40	2.02	4.05	8.10
0030	-	-	-	0.40	1.21	2.02	4.05	8.50
0100	-	0.40	1.21	1.21	1.61	2.42	3.63	7.66
0130	-	0.41	0.82	0.82	1.23	2.05	3.69	8.20
0200	-	0.40	0.81	0.81	1.62	2.02	3.64	8.91
0230	-	-	0.40	0.40	1.62	2.43	3.64	8.50
0300	-	-	0.40	0.81	2.02	2.02	4.86	13.36
0330	-	-	0.40	0.40	2.02	4.03	12.90	20.56
0400	0.40	0.40	0.40	0.81	2.02	7.26	12.10	21.77
0430	-	1.23	1.23	1.65	3.29	5.35	12.35	21.40
0500	-	0.80	1.20	1.61	3.61	5.22	9.64	19.68
0530	-	0.82	1.64	2.05	3.69	4.92	12.30	22.54
0600	-	-	0.41	0.41	1.63	3.66	8.94	16.67
0630	-	-	-	-	1.22	4.08	8.57	17.96
0700	-	-	-	-	0.81	3.25	6.50	14.63
0730	-	-	-	-	0.41	2.05	6.97	13.93
0800	-	-	-	0.41	0.82	1.22	4.90	11.84
0830	-	-	-	-	-	0.81	2.03	8.54
0900	-	-	-	-	-	1.21	1.61	8.06
0930	-	-	-	-	-	1.63	3.27	6.94
1000	-	-	-	-	0.41	1.22	2.44	5.69
1030	-	-	-	-	-	1.23	3.29	5.35
1100	-	-	-	-	0.41	1.24	1.66	4.98
1130	-	-	-	-	0.40	0.81	2.02	4.86
1200	-	-	-	-	0.41	1.22	2.03	4.07
1230	-	-	-	-	0.41	1.22	2.45	4.90
1300	-	-	-	-	-	0.81	2.85	4.88
1330	-	-	-	-	-	0.82	3.27	5.71
1400	-	-	-	-	-	0.82	2.05	4.92
1430	-	-	-	-	-	0.82	2.06	4.53
1500	-	-	-	-	0.41	1.22	2.45	4.90
1530	-	-	-	-	-	0.81	1.62	4.05
1600	-	-	-	-	-	0.41	1.63	4.47
1630	-	-	-	-	-	-	1.64	3.69
1700	-	-	0.41	0.41	0.41	0.41	1.23	3.28

1730	-	-	0.40	0.40	0.40	0.81	1.21	4.05
1800	-	0.41	0.41	0.41	0.41	0.81	1.63	4.47
1830	-	-	0.41	0.41	0.81	0.81	2.03	4.07
1900	-	-	0.41	0.41	0.82	0.82	1.22	4.90
1930	-	-	-	-	0.41	0.82	1.63	5.71
2000	-	-	-	-	-	0.41	2.85	6.91
2030	-	-	-	-	-	-	2.87	6.56
2100	-	-	-	-	-	0.41	2.45	6.94
2130	-	-	-	-	-	0.40	2.43	7.69
2200	-	-	-	-	-	-	3.21	8.03
2230	-	-	0.40	0.40	0.40	0.40	2.02	8.47
2300	-	-	-	0.41	0.41	1.64	2.46	6.97
2330	-	-	-	-	-	2.06	3.70	7.82
Mean	0.01	0.10	0.24	0.31	0.75	1.71	4.00	8.76

According to the climatological table of March the mean percentage of visibility values below 8000 meters is 8.76%, correspondingly, the mean percentage of 91.24% 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 0.01% (See climatological table of March, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.84	2.51	4.18
0030	-	-	-	-	-	0.84	2.93	5.44
0100	-	-	-	-	-	0.84	3.78	5.04
0130	-	-	-	-	-	0.42	2.92	5.42
0200	-	0.41	0.83	0.83	1.24	1.65	3.72	7.44
0230	0.42	0.42	0.42	0.42	0.42	2.54	5.08	11.02
0300	-	-	0.42	0.42	0.42	1.68	5.88	10.50
0330	-	0.42	0.42	0.42	0.85	2.97	6.78	13.56
0400	-	-	-	-	0.84	2.52	4.62	10.08
0430	-	-	-	-	0.83	2.08	4.17	9.17
0500	-	-	-	-	0.41	1.24	3.32	6.64
0530	-	-	-	-	0.84	1.67	3.35	6.28
0600	-	-	0.42	0.42	0.84	2.09	4.60	7.11
0630	-	-	-	-	-	1.69	2.97	6.78
0700	-	-	-	-	-	-	1.67	8.33
0730	-	-	-	-	-	0.43	0.85	6.38
0800	-	-	-	-	-	0.42	1.27	5.06
0830	-	-	-	-	-	-	0.84	4.20
0900	-	-	-	-	-	0.42	1.67	5.44
0930	-	-	-	-	-	-	1.27	6.33
1000	-	-	-	-	-	0.42	1.26	5.46
1030	-	-	-	-	-	-	1.68	4.20
1100	-	-	-	-	0.41	0.41	1.66	3.73
1130	-	-	-	-	-	0.83	1.25	3.33
1200	-	-	-	-	-	0.42	0.84	1.67
1230	-	-	-	-	-	0.42	1.26	2.10
1300	-	-	-	-	-	-	-	1.67
1330	-	-	-	-	-	0.42	1.68	2.52
1400	-	-	-	-	-	-	0.42	2.50
1430	-	-	-	-	-	1.26	2.51	4.60
1500	-	-	-	-	-	1.23	2.46	4.10
1530	-	-	-	-	-	1.26	2.52	5.46
1600	-	-	-	-	0.42	0.83	2.08	3.33
1630	-	-	-	-	-	-	1.66	2.49
1700	-	-	-	-	-	-	1.66	2.90

1730	-	-	-	-	-	0.42	2.08	3.75
1800	-	-	-	-	-	0.83	1.24	3.31
1830	-	-	-	-	0.41	1.24	1.66	3.32
1900	-	-	-	-	0.82	0.82	1.23	3.70
1930	-	-	-	-	-	1.66	1.66	3.73
2000	-	-	-	-	0.42	1.25	1.67	3.33
2030	-	-	-	-	-	0.83	2.08	3.33
2100	-	-	-	-	-	0.41	2.06	3.29
2130	-	-	-	-	-	0.42	1.69	3.38
2200	-	-	-	-	-	0.83	2.08	4.17
2230	-	-	-	-	-	1.24	2.07	3.73
2300	-	-	-	-	-	0.42	1.67	3.75
2330	-	-	0.42	0.42	0.42	0.42	1.67	3.35
Mean	0.01	0.03	0.06	0.06	0.20	0.89	2.29	5.01

According to the climatological table of April the mean percentage of visibility values below 8000 meters is 5.01%, correspondingly, the mean percentage of 94.99% 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 0.01% (See climatological table of April, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	0.83
0030	-	-	-	-	-	-	0.40	0.81
0100	-	-	-	-	-	-	-	0.40
0130	-	-	-	0.40	0.40	0.81	1.21	1.61
0200	0.40	0.40	0.40	0.40	0.40	0.80	1.61	2.01
0230	-	-	-	-	-	-	0.80	2.39
0300	-	-	-	-	-	-	0.81	2.85
0330	-	-	-	-	-	-	0.81	4.05
0400	-	-	-	-	-	-	0.81	3.63
0430	-	-	-	-	-	-	1.22	3.25
0500	-	-	-	-	-	-	0.81	3.23
0530	-	-	-	-	-	-	-	3.66
0600	-	-	-	-	-	-	-	2.85
0630	-	-	-	-	-	-	0.40	2.02
0700	-	-	-	-	-	-	0.41	1.65
0730	-	-	-	-	-	-	0.41	2.46
0800	-	-	-	-	-	0.41	0.41	1.63
0830	-	-	-	-	-	-	0.41	1.22
0900	-	-	-	-	-	-	0.41	0.82
0930	-	-	-	-	-	-	0.41	1.24
1000	-	-	-	-	-	-	0.84	1.26
1030	-	-	-	-	-	-	0.41	1.24
1100	-	-	-	-	-	-	0.42	0.42
1130	-	-	-	-	-	-	0.41	0.82
1200	-	-	-	-	-	-	0.41	0.83
1230	-	-	-	-	-	-	0.41	1.24
1300	-	-	-	-	-	-	-	0.83
1330	-	-	-	-	-	-	-	0.83
1400	-	-	-	-	-	-	-	1.25
1430	-	-	-	-	-	-	0.41	1.22
1500	-	-	-	-	-	-	0.41	0.41
1530	-	-	-	-	0.41	0.41	0.41	1.63
1600	-	-	-	-	-	-	0.82	1.63
1630	-	-	-	-	-	0.41	0.41	1.22
1700	-	-	-	-	-	-	0.42	0.83

1730	-	-	-	-	-	-	-	0.40
1800	-	-	-	-	-	-	0.41	0.41
1830	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	0.41
1930	-	-	-	-	-	-	-	0.81
2000	-	-	-	-	-	-	-	0.81
2030	-	-	-	-	-	-	-	0.41
2100	-	-	-	-	-	-	-	0.40
2130	-	-	-	-	-	0.40	0.40	0.81
2200	-	-	-	-	-	0.39	0.39	1.18
2230	-	-	-	-	-	-	0.81	1.63
2300	-	-	-	-	-	-	0.41	1.64
2330	-	-	-	-	-	-	0.41	2.07
Mean	0.01	0.01	0.01	0.02	0.03	0.08	0.42	1.44

According to the climatological table of May the mean percentage of visibility values below 8000 meters is 1.44%, correspondingly, the mean percentage of 98.60% 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 0.01% (See climatological table of May, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	-	0.41
0130	-	-	-	-	-	-	0.42	1.26
0200	-	-	-	-	-	-	-	0.41
0230	-	-	-	-	-	-	0.41	0.82
0300	-	-	-	-	-	-	-	0.41
0330	-	-	-	-	-	-	0.41	0.41
0400	-	-	-	-	-	-	0.42	0.83
0430	-	-	-	-	-	-	-	0.41
0500	-	-	-	-	-	-	-	0.41
0530	-	-	-	-	-	-	-	-
0600	-	-	-	-	-	-	-	-
0630	-	-	-	-	-	0.42	0.42	0.42
0700	-	-	-	-	-	-	-	0.41
0730	-	-	-	-	-	-	-	-
0800	-	-	-	-	-	-	-	-
0830	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-
0930	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	0.41	0.41
1030	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	0.41	0.41
1130	-	-	-	-	0.41	0.41	0.83	0.83
1200	-	-	-	-	-	-	-	0.42
1230	-	-	-	-	-	-	-	0.41
1300	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	0.41	0.83
1400	-	-	-	-	-	-	-	0.41
1430	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	0.41	0.83	0.83
1530	-	-	-	-	-	0.41	0.83	1.66
1600	-	-	-	-	-	-	-	0.41
1630	-	-	-	-	-	0.41	0.41	0.83
1700	-	-	-	-	-	-	-	-

1730	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	0.41
1830	-	-	-	-	-	-	0.41	0.41
1900	-	-	-	-	-	-	-	0.42
1930	-	-	-	-	-	0.41	0.41	1.24
2000	-	-	-	-	-	0.41	0.41	0.41
2030	-	-	-	-	-	-	0.41	0.82
2100	-	-	-	-	-	-	-	0.41
2130	-	-	-	-	-	-	-	0.41
2200	-	-	-	-	-	-	-	0.41
2230	-	-	-	-	-	-	0.42	0.42
2300	-	-	-	-	-	-	-	-
2330	-	-	-	-	-	-	-	-
Mean	-	-	-	-	0.01	0.06	0.17	0.40

According to the climatological table of June the mean percentage of visibility values below 8000 meters is 0.40%, correspondingly, the mean percentage of 99.60% 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 3000 meters is 0.06% (See climatological table of June, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	0.40
0100	-	-	-	-	-	-	-	0.40
0130	-	-	-	-	0.41	0.41	0.41	0.82
0200	-	-	-	-	-	-	0.40	0.81
0230	-	-	-	-	-	-	0.41	1.24
0300	-	-	-	-	-	0.40	0.80	0.80
0330	-	-	-	-	-	-	0.40	0.40
0400	-	-	-	-	-	-	0.40	0.40
0430	-	-	-	-	-	-	0.41	0.81
0500	-	-	-	-	-	-	0.40	0.81
0530	-	-	-	-	-	-	0.81	0.81
0600	-	-	-	-	-	-	0.82	1.23
0630	-	-	-	-	-	0.41	0.41	0.83
0700	-	-	-	-	-	-	0.41	0.41
0730	-	-	-	-	-	0.40	0.40	0.81
0800	-	-	-	-	-	-	-	0.40
0830	-	-	-	-	-	-	0.41	0.41
0900	-	-	-	-	-	-	0.41	0.41
0930	-	-	-	-	-	-	-	0.41
1000	-	-	-	-	-	-	-	-
1030	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-
1130	-	-	-	-	-	-	-	-
1200	-	-	-	-	-	-	-	-
1230	-	-	-	-	-	-	-	-
1300	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	-
1400	-	-	-	-	-	-	-	-
1430	-	-	-	-	-	-	0.41	0.81
1500	-	-	-	-	-	-	-	0.40
1530	-	-	-	-	-	-	0.41	0.41
1600	-	-	-	-	-	-	-	-
1630	-	-	-	-	-	-	1.26	2.09
1700	-	-	-	-	-	-	-	-

1730	-	-	-	-	-	0.41	0.41	0.41
1800	-	-	-	-	-	-	-	-
1830	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-
2130	-	-	-	-	-	-	0.40	0.40
2200	-	-	-	-	-	-	-	-
2230	-	-	-	-	-	-	-	-
2300	-	-	-	-	-	-	-	-
2330	-	-	-	-	-	-	-	-
Mean	-	-	-	-	0.01	0.04	0.21	0.36

According to the climatological table of July the mean percentage of visibility values below 8000 meters is 0.36%, correspondingly, the mean percentage of 99.64% 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 1500 meters is 0.01% (See climatological table of July, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	0.42	0.42
0130	-	-	-	-	-	-	0.42	0.84
0200	-	-	-	-	-	-	0.42	0.84
0230	-	-	-	-	-	0.41	0.41	1.66
0300	-	-	-	-	-	-	-	0.42
0330	-	-	-	-	-	-	-	0.42
0400	-	-	-	-	-	-	-	0.41
0430	-	-	-	-	-	-	0.42	0.42
0500	-	-	-	-	-	-	-	0.41
0530	-	-	-	-	-	-	-	0.42
0600	-	-	-	-	-	-	0.41	0.41
0630	-	-	-	-	-	-	0.41	0.41
0700	-	-	-	-	-	-	-	-
0730	-	-	-	-	-	-	-	0.83
0800	-	-	-	-	-	-	-	0.41
0830	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	0.41
0930	-	-	-	-	-	-	0.42	0.42
1000	-	-	-	-	-	-	-	-
1030	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-
1130	-	-	-	-	-	0.41	0.41	0.41
1200	-	-	-	-	-	-	0.41	0.41
1230	-	-	-	-	-	-	-	0.41
1300	-	-	-	-	-	-	0.41	0.41
1330	-	-	-	-	-	-	-	0.41
1400	-	-	-	-	-	-	-	0.41
1430	-	-	-	-	-	-	-	0.41
1500	-	-	-	-	-	-	-	0.41
1530	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-
1630	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	0.41	0.83

1730	-	-	-	-	-	-	-	0.43
1800	-	-	-	-	-	-	-	0.42
1830	-	-	-	-	-	-	-	0.43
1900	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	0.43
2000	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-
2130	-	-	-	-	-	-	0.41	0.41
2200	-	-	-	-	-	-	0.41	0.41
2230	-	-	-	-	-	-	-	1.24
2300	-	-	-	-	-	-	-	0.84
2330	-	-	-	-	-	-	-	0.42
Mean	-	-	-	-	-	0.02	0.12	0.38

According to the climatological table of August the mean percentage of visibility values below 8000 meters is 0.38%, correspondingly, the mean percentage of 99.62% 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 3000 meters is 0.02% (See climatological table of August, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	0.43	0.85
0030	-	-	-	-	-	-	0.42	0.84
0100	-	-	-	-	-	-	-	0.82
0130	-	-	-	-	-	-	-	0.83
0200	-	-	-	-	-	-	-	0.83
0230	-	-	-	-	-	-	-	1.65
0300	-	-	-	-	-	-	0.42	2.09
0330	-	-	-	-	-	-	0.84	1.69
0400	-	-	-	-	-	-	0.83	1.25
0430	-	-	-	-	-	-	0.84	2.10
0500	-	-	-	-	-	-	0.42	1.27
0530	-	-	-	-	-	-	1.29	2.59
0600	-	-	-	-	-	-	0.84	2.09
0630	-	-	-	-	-	-	1.25	1.67
0700	-	-	-	-	-	-	-	0.83
0730	-	-	-	-	-	-	0.43	1.28
0800	-	-	-	-	-	-	0.42	1.26
0830	-	-	-	-	-	-	-	0.85
0900	-	-	-	-	-	-	-	0.42
0930	-	-	-	-	-	-	-	0.43
1000	-	-	-	-	-	-	-	0.42
1030	-	-	-	-	-	-	-	0.42
1100	-	-	-	-	-	-	-	1.27
1130	-	-	-	-	-	-	-	0.43
1200	-	-	-	-	-	-	-	0.42
1230	-	-	-	-	-	-	-	0.41
1300	-	-	-	-	-	0.85	0.85	0.85
1330	-	-	-	-	-	0.42	0.42	0.84
1400	-	-	-	-	0.84	0.84	0.84	1.26
1430	-	-	-	-	-	0.42	0.42	1.27
1500	-	-	-	-	-	-	-	0.84
1530	-	-	-	-	-	0.42	0.42	0.42
1600	-	-	-	-	-	0.42	0.42	0.84
1630	-	-	-	-	-	0.42	0.42	1.69
1700	-	-	-	-	-	-	0.42	1.26

1730	-	-	-	-	-	-	-	1.67
1800	-	-	-	-	-	-	0.83	1.24
1830	-	-	-	-	-	0.41	0.41	1.66
1900	-	-	-	-	-	-	0.42	1.67
1930	-	-	-	-	-	-	0.42	0.84
2000	-	-	-	-	-	-	0.42	0.84
2030	-	-	-	-	-	-	0.83	0.83
2100	-	-	-	-	-	0.42	0.84	0.84
2130	-	-	-	-	-	0.41	1.24	1.24
2200	-	-	-	-	-	-	0.83	0.83
2230	-	-	-	-	-	-	0.85	0.85
2300	-	-	-	-	-	-	0.41	0.83
2330	-	-	-	-	-	-	0.42	1.67
Mean	-	-	-	-	0.02	0.10	0.43	1.11

According to the climatological table of September the mean percentage of visibility values below 8000 meters is 1.11%, correspondingly, the mean percentage of 98.89% 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 1500 meters is 0.02% (See climatological table of September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.41	2.07	7.88
0030	-	0.41	0.41	0.41	0.41	1.22	2.45	7.35
0100	-	0.80	0.80	0.80	1.61	2.01	4.02	8.03
0130	-	0.41	0.41	0.41	0.82	1.63	4.90	8.98
0200	-	-	0.40	0.40	0.40	1.19	4.76	7.94
0230	-	-	-	-	0.41	1.23	4.51	9.43
0300	-	0.40	0.40	0.40	0.40	1.21	5.65	9.68
0330	-	-	0.42	0.42	0.83	4.58	8.75	13.33
0400	-	-	-	0.41	1.24	3.72	7.85	12.40
0430	-	-	-	0.41	1.23	4.92	7.79	11.89
0500	-	-	-	-	0.41	2.87	6.56	13.93
0530	-	-	0.41	0.41	1.24	2.89	7.44	12.40
0600	-	-	-	-	0.41	2.88	7.00	12.35
0630	-	-	-	-	0.41	2.48	4.55	10.33
0700	-	-	-	-	0.41	2.06	4.94	8.64
0730	-	-	-	-	-	1.65	5.37	8.68
0800	-	-	-	-	-	0.82	3.70	7.00
0830	-	-	-	-	-	1.26	2.94	5.46
0900	-	-	-	-	-	0.82	2.05	3.28
0930	-	-	-	-	-	0.83	2.07	2.89
1000	-	-	-	-	-	1.25	2.08	4.58
1030	-	-	-	-	-	-	1.65	4.13
1100	-	-	-	-	-	0.41	1.65	3.29
1130	-	-	-	-	-	0.82	1.65	3.29
1200	-	-	-	-	-	0.83	2.07	4.13
1230	-	-	-	-	0.41	1.23	1.65	5.35
1300	-	-	-	-	-	0.41	1.63	3.67
1330	-	-	-	-	-	-	-	2.89
1400	-	-	-	-	-	-	1.63	4.07
1430	-	-	-	-	-	-	1.23	3.69
1500	-	-	-	-	-	-	-	1.23
1530	-	-	-	-	-	-	-	1.23
1600	-	-	-	-	-	0.40	0.40	2.83
1630	-	-	-	-	-	-	-	2.45
1700	-	-	-	-	-	-	-	3.67

1730	-	-	-	-	-	-	0.41	2.85
1800	-	-	-	-	-	-	-	4.07
1830	-	-	-	-	-	0.41	0.83	3.72
1900	-	-	-	-	-	-	1.22	4.49
1930	-	-	-	0.41	0.41	0.41	1.22	4.88
2000	-	-	-	-	-	0.41	0.82	5.33
2030	-	-	-	-	-	-	0.82	4.08
2100	-	-	-	-	-	0.41	1.65	6.17
2130	-	-	-	-	-	-	3.73	7.05
2200	-	0.41	0.41	0.41	0.83	0.83	2.07	5.79
2230	0.41	0.41	0.41	0.41	0.82	1.23	2.88	7.00
2300	-	-	-	-	0.41	0.82	3.28	7.79
2330	-	-	-	-	0.42	0.83	3.75	7.92
Mean	0.01	0.06	0.08	0.11	0.28	1.07	2.87	6.32

According to the climatological table of October the mean percentage of visibility values below 8000 meters is 6.32%, correspondingly, the mean percentage of 93.68% 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 0.01% (See climatological table of October, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	0.42	0.84	0.84	1.68	5.04	9.24	15.55
0030	-	-	0.42	0.85	1.27	4.66	10.17	16.53
0100	-	-	-	-	2.07	6.22	9.96	17.84
0130	-	-	0.83	0.83	1.25	5.42	10.42	18.75
0200	-	-	0.41	0.41	2.07	5.81	11.20	19.92
0230	-	-	0.84	1.26	1.67	4.18	8.37	17.57
0300	-	0.84	1.26	1.68	2.94	3.78	5.88	17.23
0330	0.41	1.66	2.49	2.49	3.32	4.98	10.37	22.41
0400	-	1.68	2.52	2.52	5.46	9.66	16.81	30.25
0430	0.41	0.83	2.07	3.31	7.44	10.74	19.01	30.99
0500	-	1.25	1.67	2.50	5.83	12.50	18.75	30.00
0530	-	0.42	0.84	0.84	5.04	9.66	16.81	28.99
0600	0.42	1.27	1.69	1.69	4.64	9.28	17.30	27.43
0630	0.42	1.26	1.68	2.10	2.94	5.88	14.29	24.79
0700	-	0.41	1.24	1.24	2.48	4.55	13.64	24.79
0730	0.43	0.43	0.85	1.28	2.13	3.40	10.64	22.98
0800	-	0.42	0.84	1.26	2.10	3.36	9.66	22.27
0830	-	0.42	0.42	0.84	2.10	2.94	9.24	19.33
0900	-	-	0.42	0.42	1.26	2.94	8.82	15.97
0930	-	-	0.42	0.42	0.84	2.53	8.02	15.19
1000	-	-	0.83	0.83	1.25	3.33	8.33	14.58
1030	-	-	-	0.83	0.83	2.50	6.67	15.00
1100	-	0.42	0.42	0.42	0.84	3.77	5.86	11.72
1130	-	-	-	0.42	0.84	3.36	6.72	10.92
1200	-	-	-	0.41	0.41	3.29	6.17	14.40
1230	-	-	-	-	1.28	3.40	5.53	14.47
1300	-	-	-	-	1.24	2.89	6.20	19.83
1330	-	-	-	-	0.42	3.33	7.08	19.58
1400	-	-	-	-	0.42	1.68	8.40	18.07
1430	-	-	-	0.42	0.42	1.67	4.17	11.67
1500	-	0.42	0.42	0.42	0.42	0.84	2.94	10.08
1530	-	0.42	0.42	0.42	0.42	1.26	4.20	11.76
1600	-	0.42	0.42	0.42	0.84	1.68	4.20	10.92
1630	-	-	0.83	0.83	0.83	1.66	4.56	10.37
1700	-	-	-	-	0.42	1.25	4.58	10.00

1730	-	-	-	-	0.83	1.67	4.17	10.42
1800	-	-	-	-	-	1.69	3.80	12.24
1830	-	-	-	-	0.42	1.26	4.20	13.03
1900	-	-	0.41	0.41	0.83	1.66	5.81	12.86
1930	-	-	0.42	0.42	0.83	2.50	5.42	13.33
2000	-	-	0.41	0.41	1.24	2.49	5.81	14.52
2030	-	-	-	-	1.25	2.92	7.08	15.00
2100	-	-	-	0.41	1.65	3.31	8.26	16.12
2130	-	-	-	-	1.25	2.92	7.92	14.17
2200	-	-	-	-	1.25	2.92	8.33	15.83
2230	-	-	-	-	0.84	3.77	8.37	16.74
2300	-	-	-	0.84	1.26	4.20	8.82	14.29
2330	-	-	1.25	1.25	1.67	4.17	9.17	15.83
Mean	0.04	0.27	0.57	0.75	1.72	3.94	8.57	17.22

According to the climatological table of November the mean percentage of visibility values below 8000 meters is 17.22%, correspondingly, the mean percentage of 82.78% 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 0.04% (See climatological table of November, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.81	2.02	2.83	2.83	4.86	6.48	11.34	21.05
0030	0.40	2.02	2.02	2.83	5.26	7.29	10.12	22.27
0100	0.40	2.43	3.64	3.64	5.26	8.50	12.55	21.86
0130	0.40	2.82	3.63	4.03	4.84	7.66	11.69	21.77
0200	1.22	2.86	4.49	4.90	6.12	6.53	9.39	20.41
0230	0.80	1.20	2.81	4.02	4.82	6.02	10.84	19.68
0300	1.23	2.05	4.10	4.10	4.51	7.79	10.66	18.85
0330	0.80	2.41	4.82	4.82	5.22	7.23	11.65	20.08
0400	0.40	1.62	3.24	3.64	4.86	7.29	13.36	20.65
0430	0.41	2.04	2.86	4.08	6.53	11.43	19.59	31.02
0500	0.81	2.44	4.07	4.47	8.13	10.98	19.51	30.49
0530	0.41	2.03	3.66	4.88	8.54	11.79	20.33	29.27
0600	-	1.22	1.63	2.04	7.35	11.84	18.78	28.57
0630	0.41	1.23	1.65	1.65	3.70	10.70	17.28	27.98
0700	0.81	1.63	2.03	2.03	4.07	10.57	17.48	27.24
0730	0.41	1.23	1.23	2.05	3.69	7.38	14.34	26.23
0800	0.40	0.40	0.40	0.81	3.63	6.45	14.11	24.19
0830	-	-	-	0.41	2.47	4.53	11.93	21.81
0900	-	-	-	-	0.82	4.53	9.47	20.16
0930	-	-	-	0.40	0.81	3.24	9.31	17.41
1000	-	-	-	-	0.82	3.28	9.02	17.62
1030	-	-	-	-	0.82	2.45	8.16	16.73
1100	-	-	0.41	0.41	0.41	2.45	7.35	17.96
1130	-	-	-	-	0.41	2.44	7.32	16.67
1200	-	-	-	-	0.42	3.77	7.11	18.41
1230	-	-	-	-	0.81	3.64	9.72	22.27
1300	-	-	-	-	-	4.08	13.47	26.12
1330	-	-	-	-	-	4.12	10.70	28.81
1400	-	-	-	-	0.41	3.27	8.57	25.31
1430	-	-	-	-	-	1.99	8.76	23.11
1500	-	-	-	-	0.41	2.48	8.26	26.03
1530	0.40	0.81	0.81	0.81	1.21	3.63	8.06	23.39
1600	0.41	0.82	1.22	1.22	2.04	3.27	8.57	21.63
1630	0.41	0.82	0.82	1.22	2.04	4.08	8.98	22.45
1700	0.40	0.81	0.81	0.81	1.62	3.24	9.72	22.27

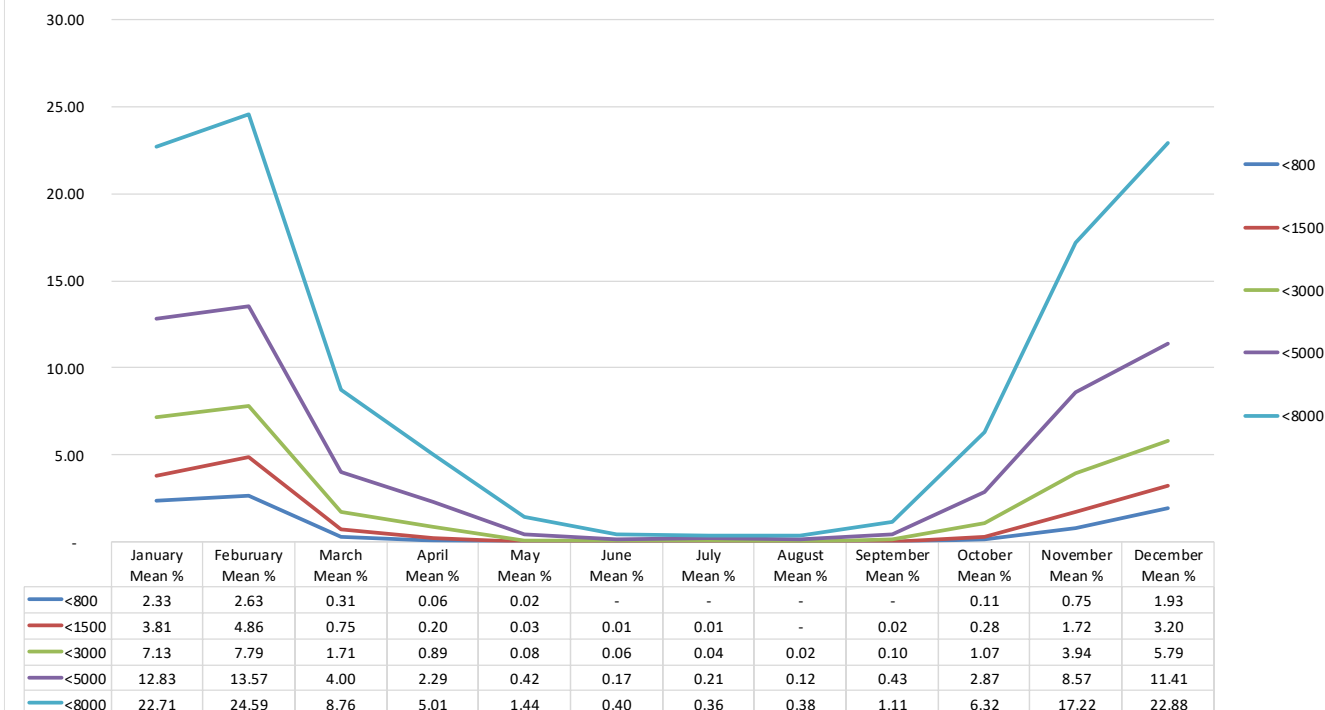
1730	0.41	0.41	0.82	0.82	0.82	2.45	9.39	23.67
1800	0.41	0.41	0.81	0.81	0.81	3.25	7.72	22.76
1830	0.41	0.41	0.81	0.81	2.03	3.66	8.13	21.54
1900	0.41	0.41	1.22	2.03	2.85	4.47	8.54	20.73
1930	0.81	0.81	1.21	2.02	2.83	5.67	9.72	21.05
2000	1.63	2.44	2.44	2.44	4.47	6.91	10.98	23.58
2030	1.63	1.63	2.44	2.44	3.66	6.10	11.79	22.36
2100	1.65	2.07	3.31	3.72	5.79	8.26	12.81	22.31
2130	1.62	2.02	3.24	3.24	4.45	6.88	13.36	24.29
2200	1.61	2.82	3.23	3.23	4.44	6.85	12.10	24.60
2230	0.41	2.47	2.88	3.29	5.35	6.17	9.88	23.46
2300	0.82	2.45	2.86	3.27	5.71	7.76	12.65	22.86
2330	1.64	1.64	1.64	2.46	3.28	3.28	13.11	25.41
Mean	0.53	1.14	1.67	1.93	3.20	5.79	11.41	22.88

According to the climatological table of December the mean percentage of visibility values below 8000 meters is 22.88%, correspondingly, the mean percentage of 77.12% 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 0.53% (See climatological table of December, Model B).

# AVERAGE MONTHLY VISIBILITY DATA

Average monthly visibility DATA (Percentage) (UGTB 2010-2017)



CEILING

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL C

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

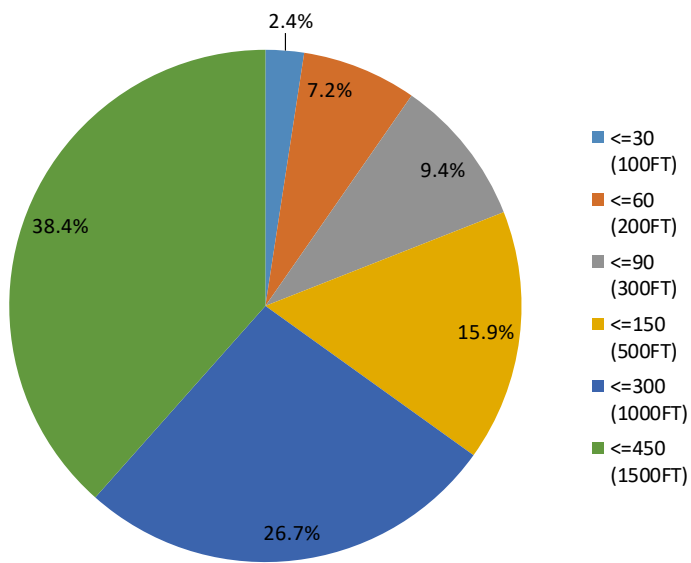
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	1.20	2.40	2.40	5.20	10.80	14.80
0030	1.20	2.40	3.60	6.80	11.60	16.00
0100	0.80	2.81	4.02	8.03	11.65	16.06
0130	1.20	4.02	4.42	7.63	11.65	16.06
0200	1.61	4.02	4.42	7.63	12.05	14.86
0230	1.23	2.87	4.10	8.61	13.11	16.80
0300	1.62	4.45	5.26	8.50	11.74	16.19
0330	1.62	4.05	4.86	8.10	12.15	15.79
0400	2.83	4.05	4.86	6.07	10.12	14.98
0430	2.87	4.10	4.51	6.15	11.48	16.80
0500	2.42	3.23	4.44	7.26	11.29	16.94
0530	1.21	4.44	4.84	8.47	12.50	15.73
0600	1.62	4.05	5.26	8.50	11.74	14.57
0630	0.81	4.05	5.67	8.10	10.93	15.38
0700	0.40	4.86	5.67	9.31	12.96	17.41
0730	-	4.49	5.31	9.39	13.06	16.73
0800	-	2.83	4.05	6.48	12.15	14.98
0830	-	2.02	3.24	6.07	12.15	16.19
0900	0.41	1.63	2.44	5.28	10.57	14.63
0930	-	0.41	0.81	4.07	10.57	14.63
1000	-	1.21	2.02	4.86	9.31	12.96
1030	0.41	0.41	0.41	2.86	8.16	12.24
1100	0.40	0.40	0.40	1.20	8.40	12.40
1130	0.40	0.81	0.81	2.42	6.85	13.71
1200	-	-	0.40	1.61	5.22	8.84
1230	-	0.41	0.82	1.63	4.49	8.16
1300	0.41	0.82	2.45	2.86	5.31	10.61
1330	-	0.81	1.22	2.03	3.66	7.32
1400	-	0.81	0.81	2.82	4.44	8.47
1430	-	0.81	0.81	2.02	4.05	7.69
1500	-	-	0.81	2.02	4.05	7.29
1530	-	0.40	0.81	2.02	4.05	7.29
1600	0.40	0.81	1.62	2.02	3.24	6.07
1630	-	1.21	2.02	3.23	4.84	7.66
1700	0.81	1.61	2.02	4.03	6.05	9.27
1730	0.81	2.83	2.83	4.86	7.29	10.93
1800	0.81	1.62	2.02	4.05	6.48	10.53
1830	0.41	2.44	3.25	4.88	7.72	11.79
1900	0.41	1.63	2.44	4.07	7.72	9.76
1930	1.22	1.63	2.45	3.67	6.94	8.98
2000	0.81	2.44	2.85	4.07	6.50	8.94
2030	1.64	3.69	4.92	6.15	7.79	12.30
2100	0.81	3.64	4.86	5.67	6.88	11.34
2130	1.21	4.44	5.65	6.05	8.87	12.50
2200	1.63	3.66	4.47	6.10	10.16	13.82
2230	0.80	3.60	4.80	6.40	9.60	14.80
2300	0.81	2.85	3.66	6.10	10.16	14.23
2330	1.22	2.86	2.86	6.53	10.61	14.69
Mean	0.80	2.40	3.10	5.25	8.81	12.71

**UGTB - Mean Cloud Base (January 2010-2017)**



In January, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 38.4%
2. >500FT and <= 1000FT – 26.7%
3. >300FT and <= 500FT – 15.9%
4. >200FT and <= 300FT – 9.4%
5. >100FT and <= 200FT – 7.2%
6. <=100FT – 2.4%

In January, the mean percentage of cloud ceiling recorded above 1500 feet is 87.29% of the total amount of occurrences (See climatological table of January, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.80 percent 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: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

OBSERVATION INTERVAL: 30 MIN.

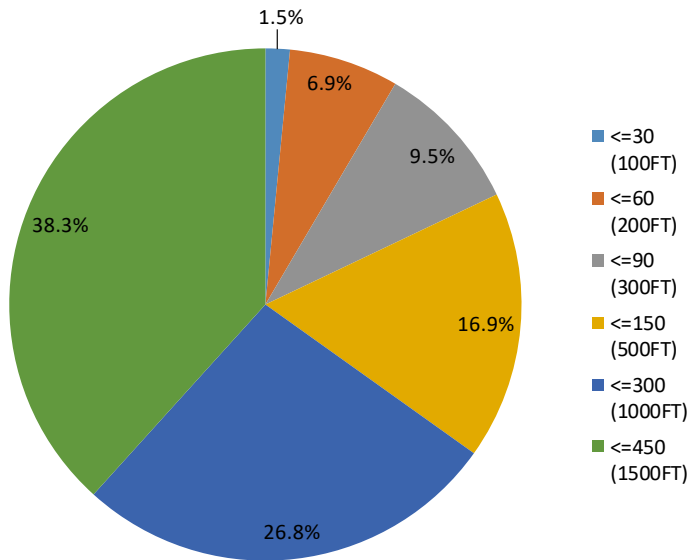
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	0.44	4.44	6.67	10.67	16.00	22.67
0030	0.88	4.42	6.19	11.50	18.14	23.45
0100	1.34	4.91	5.80	11.61	15.18	22.32
0130	1.34	5.36	6.25	8.93	20.09	24.55
0200	0.89	5.80	7.14	12.05	20.54	24.11
0230	0.89	6.22	7.11	12.00	19.56	25.33
0300	0.88	5.75	7.52	12.39	18.58	22.57
0330	0.45	5.38	5.83	13.45	19.73	24.22
0400	0.90	5.41	7.21	12.16	19.82	23.87
0430	0.89	7.14	8.04	13.39	18.75	27.23
0500	-	6.31	9.01	15.77	21.62	27.93
0530	0.46	4.11	6.39	12.33	18.26	24.20
0600	0.45	4.07	6.33	10.41	18.10	27.60
0630	0.45	3.60	4.50	9.91	15.77	25.23
0700	0.45	3.62	4.98	9.05	15.38	22.62
0730	-	2.70	3.60	9.01	14.86	22.52
0800	-	2.68	3.13	6.25	12.50	21.43
0830	1.33	1.78	3.11	6.67	12.89	22.22
0900	-	1.33	1.33	4.44	11.56	20.44
0930	-	0.89	2.22	4.44	9.78	16.44
1000	0.45	0.89	2.23	5.80	10.27	16.52
1030	-	1.36	1.81	3.62	9.95	17.65
1100	-	0.45	2.23	4.02	8.93	13.84
1130	-	1.78	2.22	4.44	7.11	11.56
1200	-	0.45	1.79	4.91	10.27	14.29
1230	0.44	0.89	2.67	4.44	8.00	12.44
1300	0.44	2.21	3.10	3.98	8.85	13.72
1330	-	1.34	1.79	3.57	6.70	13.84
1400	-	0.45	2.68	4.46	8.93	15.63
1430	-	1.80	4.05	4.95	8.11	11.71
1500	0.45	1.80	2.25	4.05	6.31	9.46
1530	-	1.79	1.79	4.02	5.80	10.27
1600	0.90	1.81	2.26	4.98	8.14	10.86
1630	0.45	2.27	2.27	5.45	8.64	10.45
1700	1.35	2.25	3.15	7.21	10.81	13.96
1730	1.35	2.69	4.04	8.52	9.42	15.70
1800	2.25	3.60	4.50	8.56	10.81	17.57
1830	1.35	4.48	5.38	8.07	12.56	18.39
1900	1.35	3.59	4.93	8.52	12.56	17.94
1930	1.36	4.09	5.45	8.18	12.27	17.27
2000	1.35	5.86	6.76	10.36	14.41	19.37
2030	1.35	4.05	5.41	9.46	13.06	17.12
2100	2.30	5.07	5.99	11.06	13.82	18.89
2130	1.38	4.15	5.99	9.22	11.06	14.75
2200	1.80	5.41	6.76	10.36	13.51	17.57
2230	1.40	4.19	6.05	11.16	14.88	20.47
2300	1.39	4.63	6.94	10.19	15.74	20.37
2330	0.95	3.79	5.69	8.06	13.27	18.01
Mean	0.75	3.40	4.64	8.29	13.15	18.76

**UGTB - Mean Cloud Base (February 2010-2017)**



In February, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 38.3%
2. >500FT and <= 1000FT – 26.8%
3. >300FT and <= 500FT – 16.9%
4. >200FT and <= 300FT – 9.5%
5. >100FT and <= 200FT – 6.9%
6. <=100FT – 1.5%

In February, the mean percentage of cloud ceiling recorded above 1500 feet is 81.24% of the total amount of occurrences (See climatological table of February, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.75 percent of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of February, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

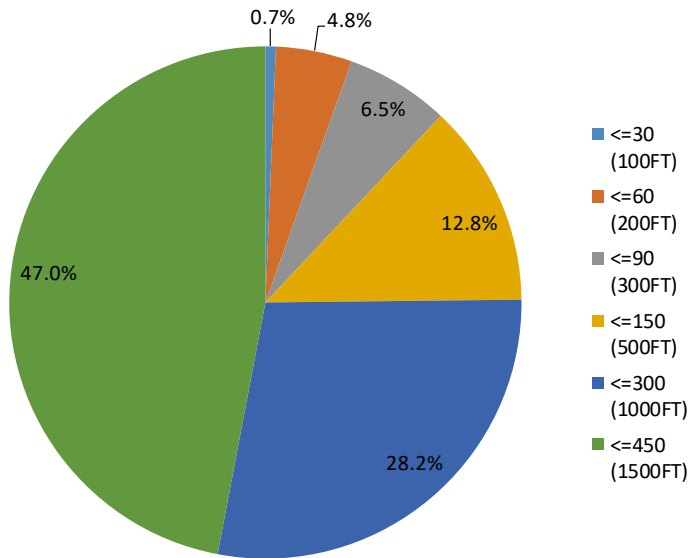
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	0.40	1.21	1.21	2.43	4.86	10.12
0030	-	1.21	1.62	2.02	4.86	8.10
0100	-	1.21	1.21	1.61	4.03	8.47
0130	0.41	0.82	1.23	1.64	3.28	9.84
0200	0.40	1.62	1.62	2.43	4.86	10.12
0230	0.40	1.62	2.02	2.02	6.48	11.34
0300	0.40	2.43	2.83	4.86	8.10	12.96
0330	-	2.02	2.02	4.03	9.27	16.13
0400	0.40	2.02	2.42	5.65	12.50	17.34
0430	0.82	4.12	4.94	6.58	10.70	15.64
0500	0.80	3.61	4.02	6.02	10.84	17.27
0530	0.41	4.10	4.10	4.92	13.11	18.44
0600	0.41	2.85	3.66	6.91	11.38	17.07
0630	-	3.27	3.67	7.76	11.84	16.33
0700	-	1.22	2.03	5.69	11.79	15.45
0730	0.41	0.82	1.23	4.10	8.61	13.11
0800	0.41	0.41	1.22	2.04	4.49	7.76
0830	-	0.81	0.81	3.25	9.35	13.01
0900	-	-	0.40	1.61	5.65	8.87
0930	-	-	0.82	2.04	4.08	8.57
1000	-	-	0.41	1.63	3.66	6.50
1030	-	0.41	0.41	1.65	3.70	5.76
1100	-	0.41	0.83	2.07	3.73	6.64
1130	-	0.40	0.40	1.21	2.43	5.67
1200	-	-	0.41	1.22	2.03	5.28
1230	-	-	0.41	1.22	2.86	5.71
1300	-	0.41	0.41	0.81	1.22	3.66
1330	-	-	0.41	0.82	1.22	3.67
1400	-	-	0.41	0.82	2.46	4.10
1430	-	-	-	0.41	1.65	3.70
1500	-	-	-	-	1.63	3.27
1530	-	-	-	-	2.43	3.24
1600	-	-	-	-	2.44	4.47
1630	-	0.41	0.82	0.82	2.46	5.33
1700	-	-	0.41	1.23	2.46	3.69
1730	-	-	0.40	1.21	2.02	3.64
1800	-	-	0.41	0.81	1.63	4.07
1830	-	0.81	0.81	1.22	3.25	4.07
1900	-	0.82	0.82	1.22	2.86	4.90
1930	-	-	-	0.82	2.86	4.49
2000	-	0.41	0.41	1.63	3.25	5.28
2030	-	-	0.41	0.41	3.28	6.97
2100	-	-	-	0.82	3.67	7.35
2130	-	-	0.40	2.43	4.45	6.48
2200	-	0.80	1.61	2.01	6.02	8.84
2230	-	0.40	1.21	2.42	4.84	8.87
2300	-	0.41	1.23	1.64	4.51	6.56
2330	-	0.41	0.41	2.47	4.12	7.82
Mean	0.12	0.86	1.18	2.31	5.07	8.46



**UGTB - Mean Cloud Base (March 2010-2017)**



In March, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 47.0%
2. >500FT and <= 1000FT – 28.2%
3. >300FT and <= 500FT – 12.8%
4. >200FT and <= 300FT – 6.5%
5. >100FT and <= 200FT – 4.8%
6. <=100FT – 0.7%

In March, the mean percentage of cloud ceiling recorded above 1500 feet is 91.54% of the total amount of occurrences (See climatological table of March, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.12 percent of minimum cloud height of 100 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: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

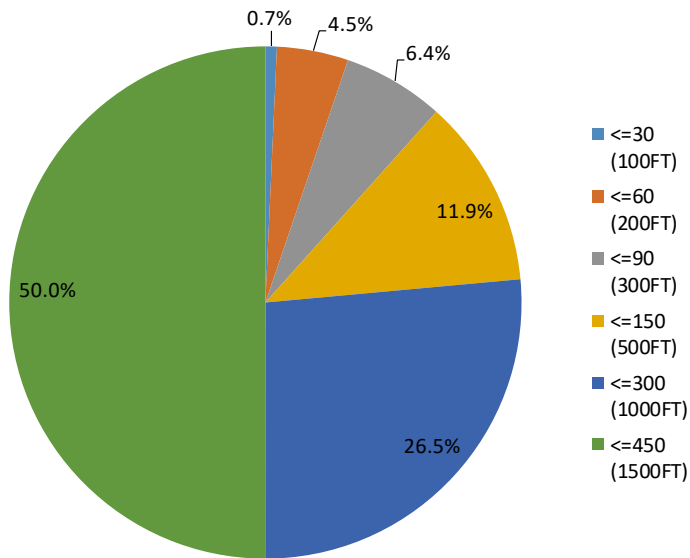
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	-	0.84	0.84	1.67	2.51	6.28
0030	-	0.42	0.42	1.26	2.09	6.28
0100	-	0.42	0.84	1.68	3.36	6.72
0130	-	0.42	1.67	2.08	3.75	5.83
0200	-	0.83	1.24	1.65	4.96	7.02
0230	0.42	0.85	0.85	1.69	5.08	7.20
0300	0.42	0.84	0.84	1.26	4.62	7.14
0330	0.42	1.69	1.69	2.97	5.93	7.20
0400	-	0.42	1.26	2.10	3.36	5.88
0430	-	0.83	1.67	1.67	3.75	7.92
0500	-	1.24	2.07	2.07	4.56	8.71
0530	-	1.26	1.26	2.51	4.18	7.11
0600	-	1.26	1.67	2.93	4.60	7.95
0630	-	0.85	0.85	3.39	5.08	7.63
0700	-	-	0.42	1.25	2.92	6.67
0730	-	-	-	0.85	2.55	4.68
0800	-	-	0.84	0.84	4.22	6.33
0830	-	-	0.42	0.84	2.94	5.88
0900	-	-	0.42	0.84	3.35	6.69
0930	-	-	0.42	0.42	1.69	3.80
1000	-	-	-	2.10	3.78	5.46
1030	-	-	0.42	1.68	2.52	4.20
1100	-	-	-	0.41	0.83	2.07
1130	-	-	-	0.42	1.67	2.50
1200	-	-	-	0.42	1.67	2.51
1230	-	-	-	-	1.26	2.94
1300	-	-	-	-	0.42	2.08
1330	-	-	-	-	0.42	2.10
1400	-	-	-	0.42	2.08	2.50
1430	-	0.42	0.42	0.42	1.67	2.09
1500	-	0.41	0.41	0.82	1.64	2.87
1530	-	0.42	0.84	0.84	1.68	2.10
1600	0.42	0.83	1.25	1.67	2.08	3.75
1630	0.41	0.41	0.41	0.83	1.66	3.32
1700	-	0.41	0.41	0.41	1.66	2.90
1730	-	0.42	0.42	1.25	1.25	2.92
1800	0.41	0.41	0.41	1.65	2.07	3.72
1830	0.41	0.41	0.41	0.83	2.49	3.32
1900	0.41	0.41	0.41	0.82	1.65	2.88
1930	-	-	-	0.41	1.66	4.56
2000	-	0.42	0.42	0.83	2.08	5.00
2030	-	-	-	0.42	1.25	3.75
2100	-	0.41	0.41	0.41	1.23	4.53
2130	-	0.84	0.84	0.84	1.27	5.06
2200	-	0.83	0.83	1.25	2.50	5.83
2230	-	0.83	0.83	1.24	1.24	5.39
2300	-	0.83	0.83	0.83	1.67	4.58
2330	-	-	-	-	1.67	3.77
Mean	0.07	0.44	0.62	1.15	2.55	4.83

**UGTB - Mean Cloud Base (April 2010-2017)**



In April, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 50.0%
2. >500FT and <= 1000FT – 26.5%
3. >300FT and <= 500FT – 11.9%
4. >200FT and <= 300FT – 6.4%
5. >100FT and <= 200FT – 4.5%
6. <=100FT – 0.7%

In April, the mean percentage of cloud ceiling recorded above 1500 feet is 95.17% of the total amount of occurrences (See climatological table of April, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.07 percent of minimum cloud height of 100 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: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

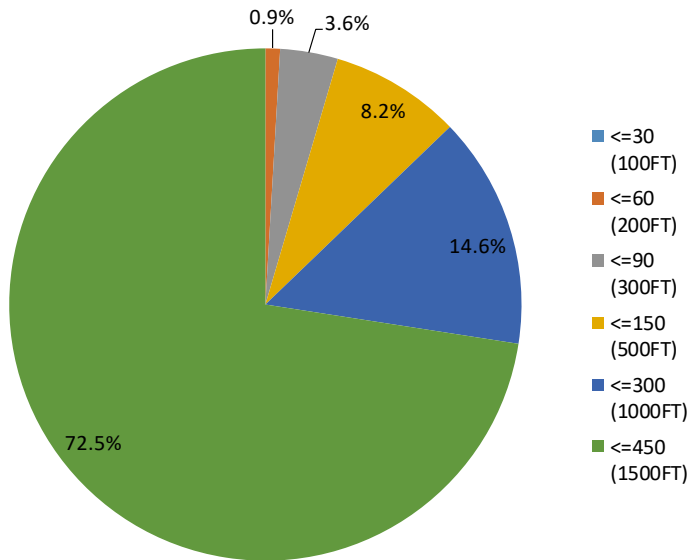
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	-	-	-	-	-	0.41
0030	-	-	-	-	-	0.40
0100	-	-	0.40	0.40	0.80	2.01
0130	-	-	0.40	0.40	1.21	2.02
0200	-	-	-	0.40	0.40	1.20
0230	-	-	-	-	-	1.20
0300	-	-	-	-	-	0.41
0330	-	-	-	-	-	0.81
0400	-	-	-	-	-	1.21
0430	-	-	-	-	-	0.81
0500	-	-	-	-	-	1.21
0530	-	-	-	0.81	1.22	2.85
0600	-	-	-	-	0.41	2.03
0630	-	-	-	-	-	0.81
0700	-	-	-	-	-	-
0730	-	-	-	-	0.41	0.82
0800	-	-	-	-	-	-
0830	-	-	-	-	-	0.82
0900	-	-	-	-	-	1.23
0930	-	-	-	-	-	1.24
1000	-	-	-	-	-	0.84
1030	-	-	-	-	-	1.24
1100	-	-	-	-	-	0.42
1130	-	-	-	-	0.41	0.82
1200	-	-	-	-	-	0.41
1230	-	-	-	-	-	0.41
1300	-	-	-	-	-	0.41
1330	-	-	-	-	-	0.42
1400	-	-	-	-	-	0.83
1430	-	-	-	-	-	0.41
1500	-	-	-	-	-	0.41
1530	-	-	-	-	-	-
1600	-	-	-	-	-	0.41
1630	-	-	-	0.41	0.41	0.82
1700	-	-	-	0.42	0.42	0.42
1730	-	-	-	-	-	-
1800	-	0.41	0.41	0.41	0.41	0.41
1830	-	-	-	-	-	-
1900	-	-	-	-	-	-
1930	-	-	-	-	-	0.40
2000	-	-	-	-	-	-
2030	-	-	-	-	-	-
2100	-	-	0.40	0.40	0.40	0.40
2130	-	-	-	-	-	0.40
2200	-	-	-	-	-	0.39
2230	-	-	-	-	-	-
2300	-	-	-	-	-	-
2330	-	-	-	-	-	0.41
Mean	-	0.01	0.03	0.08	0.14	0.67

**UGTB - Mean Cloud Base (May 2010-2017)**



In May, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 72.5%
2. >500FT and <= 1000FT – 14.6%
3. >300FT and <= 500FT – 8.2%
4. >200FT and <= 300FT – 3.6%
5. >100FT and <= 200FT – 0.9%
6. <=100FT – not observed

In May, the mean percentage of cloud ceiling recorded above 1500 feet is 99.33% of the total amount of occurrences (See climatological table of May, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.01 percent of minimum cloud height of 200 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: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

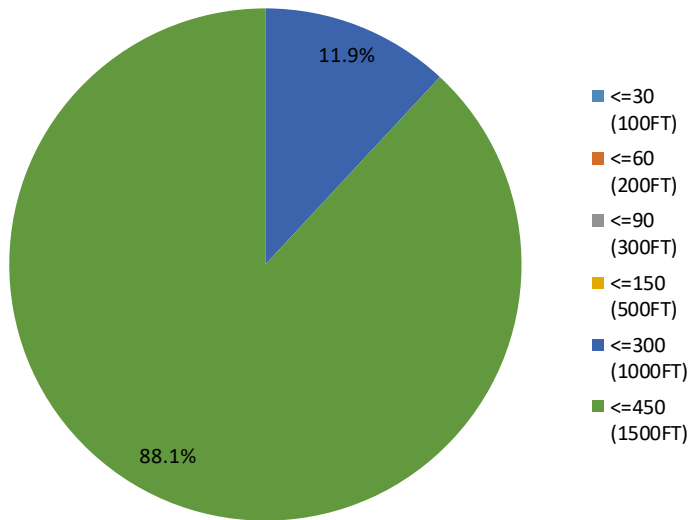
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	-	-	-	-	-	-
0030	-	-	-	-	-	-
0100	-	-	-	-	-	-
0130	-	-	-	-	-	-
0200	-	-	-	-	-	-
0230	-	-	-	-	-	0.95
0300	-	-	-	-	-	-
0330	-	-	-	-	-	-
0400	-	-	-	-	-	0.48
0430	-	-	-	-	0.93	2.34
0500	-	-	-	-	-	1.42
0530	-	-	-	-	-	0.95
0600	-	-	-	-	-	-
0630	-	-	-	-	-	-
0700	-	-	-	-	-	-
0730	-	-	-	-	-	-
0800	-	-	-	-	-	-
0830	-	-	-	-	-	-
0900	-	-	-	-	-	-
0930	-	-	-	-	-	-
1000	-	-	-	-	-	-
1030	-	-	-	-	-	-
1100	-	-	-	-	-	0.47
1130	-	-	-	-	0.47	0.47
1200	-	-	-	-	-	-
1230	-	-	-	-	-	0.47
1300	-	-	-	-	-	0.47
1330	-	-	-	-	-	0.47
1400	-	-	-	-	-	-
1430	-	-	-	-	-	-
1500	-	-	-	-	-	-
1530	-	-	-	-	-	-
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	-
1830	-	-	-	-	-	-
1900	-	-	-	-	-	-
1930	-	-	-	-	-	-
2000	-	-	-	-	-	-
2030	-	-	-	-	-	0.47
2100	-	-	-	-	-	-
2130	-	-	-	-	-	0.47
2200	-	-	-	-	-	0.48
2230	-	-	-	-	-	0.48
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	-	-	-	0.03	0.22

**UGTB - Mean Cloud Base (June 2010-2017)**



In June, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 88.1%
2. >500FT and <= 1000FT – 11.9%
3. >300FT and <= 500FT – not observed
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In June, the mean percentage of cloud ceiling recorded above 1500 feet is 99.80% of the total amount of occurrences (See climatological table of June, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.03 percent of minimum cloud height of 1000 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: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

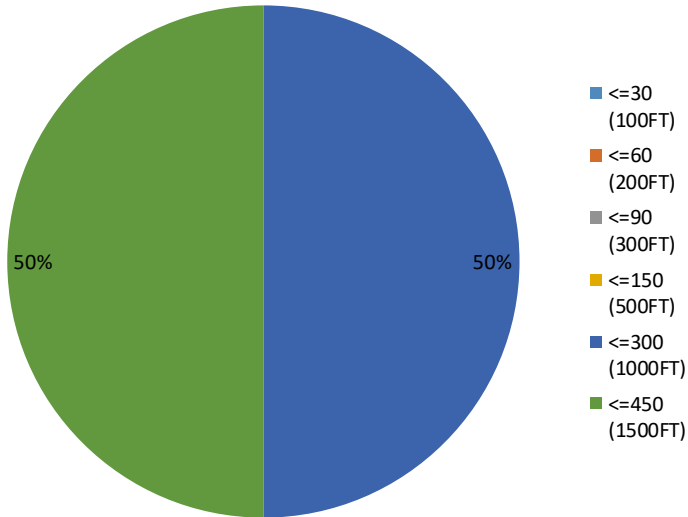
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	-
0030	-	-	-	-	-	-
0100	-	-	-	-	-	-
0130	-	-	-	-	-	-
0200	-	-	-	-	-	-
0230	-	-	-	-	-	-
0300	-	-	-	-	-	-
0330	-	-	-	-	-	-
0400	-	-	-	-	-	-
0430	-	-	-	-	-	-
0500	-	-	-	-	-	-
0530	-	-	-	-	-	-
0600	-	-	-	-	-	-
0630	-	-	-	-	-	-
0700	-	-	-	-	-	-
0730	-	-	-	-	-	-
0800	-	-	-	-	-	-
0830	-	-	-	-	0.41	0.41
0900	-	-	-	-	0.41	0.41
0930	-	-	-	-	-	-
1000	-	-	-	-	0.41	0.41
1030	-	-	-	-	0.41	0.41
1100	-	-	-	-	0.41	0.41
1130	-	-	-	-	0.41	0.41
1200	-	-	-	-	0.41	0.41
1230	-	-	-	-	-	-
1300	-	-	-	-	-	-
1330	-	-	-	-	-	-
1400	-	-	-	-	-	-
1430	-	-	-	-	-	-
1500	-	-	-	-	-	-
1530	-	-	-	-	-	-
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	-
1830	-	-	-	-	-	-
1900	-	-	-	-	-	-
1930	-	-	-	-	-	-
2000	-	-	-	-	-	-
2030	-	-	-	-	-	-
2100	-	-	-	-	-	-
2130	-	-	-	-	-	-
2200	-	-	-	-	-	-
2230	-	-	-	-	-	-
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	-	-	-	0.06	0.06



**UGTB - Mean Cloud Base (July 2010-2017)**



In July, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 50.0%
2. >500FT and <= 1000FT – 50.0%
3. >300FT and <= 500FT – not observed
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In July, the mean percentage of cloud ceiling recorded above 1500 feet is 99.94% of the total amount of occurrences (See climatological table of July, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.06 percent of minimum cloud height of 1000 feet and below (cloud amount BKN and OVC) (see climatological table of July, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

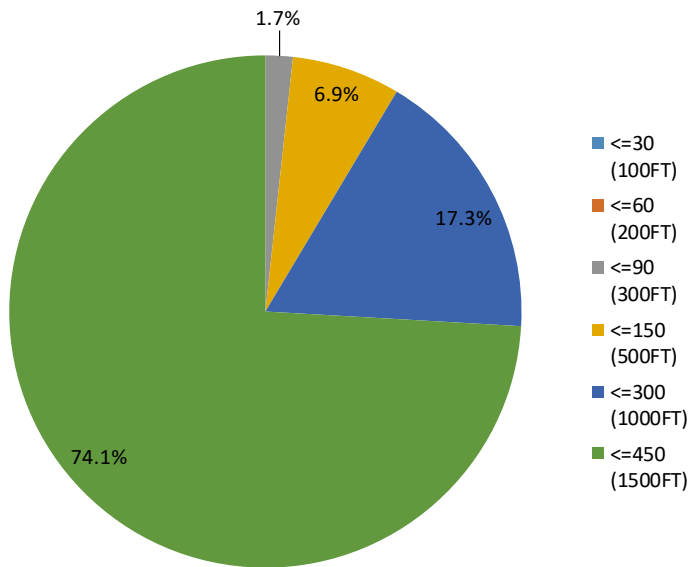
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	-	-	-	-	0.43	0.43
0030	-	-	-	-	-	-
0100	-	-	-	-	-	0.42
0130	-	-	-	-	-	-
0200	-	-	-	-	-	0.84
0230	-	-	-	-	-	0.83
0300	-	-	-	-	-	0.42
0330	-	-	-	-	-	0.42
0400	-	-	-	-	-	-
0430	-	-	-	-	-	-
0500	-	-	-	-	-	-
0530	-	-	0.42	0.42	0.42	0.42
0600	-	-	-	0.41	0.41	0.41
0630	-	-	-	0.41	0.41	0.83
0700	-	-	-	-	-	-
0730	-	-	-	0.41	0.41	0.41
0800	-	-	-	-	0.41	0.41
0830	-	-	-	-	-	-
0900	-	-	-	-	-	-
0930	-	-	-	-	-	0.42
1000	-	-	-	-	-	0.42
1030	-	-	-	-	-	0.41
1100	-	-	-	-	-	0.82
1130	-	-	-	-	-	0.41
1200	-	-	-	-	-	0.41
1230	-	-	-	-	-	0.41
1300	-	-	-	-	-	0.41
1330	-	-	-	-	-	0.82
1400	-	-	-	-	-	0.41
1430	-	-	-	-	-	-
1500	-	-	-	-	-	-
1530	-	-	-	-	-	0.41
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	0.42
1830	-	-	-	-	-	0.43
1900	-	-	-	-	-	0.42
1930	-	-	-	-	0.86	0.86
2000	-	-	-	-	-	0.42
2030	-	-	-	-	-	0.42
2100	-	-	-	-	-	0.42
2130	-	-	-	-	-	0.83
2200	-	-	-	-	0.41	0.41
2230	-	-	-	-	-	0.83
2300	-	-	-	-	0.42	1.26
2330	-	-	-	-	-	-
Mean	-	-	0.01	0.03	0.09	0.37

**UGTB - Mean Cloud Base (August 2010-2017)**



In August, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 74.1%
2. >500FT and <= 1000FT – 17.3%
3. >300FT and <= 500FT – 6.9%
4. >200FT and <= 300FT – 1.7%
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In August, the mean percentage of cloud ceiling recorded above 1500 feet is 99.63% of the total amount of occurrences (See climatological table of August, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.01 percent of minimum cloud height of 300 feet and below (cloud amount BKN and OVC) (see climatological table of August, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

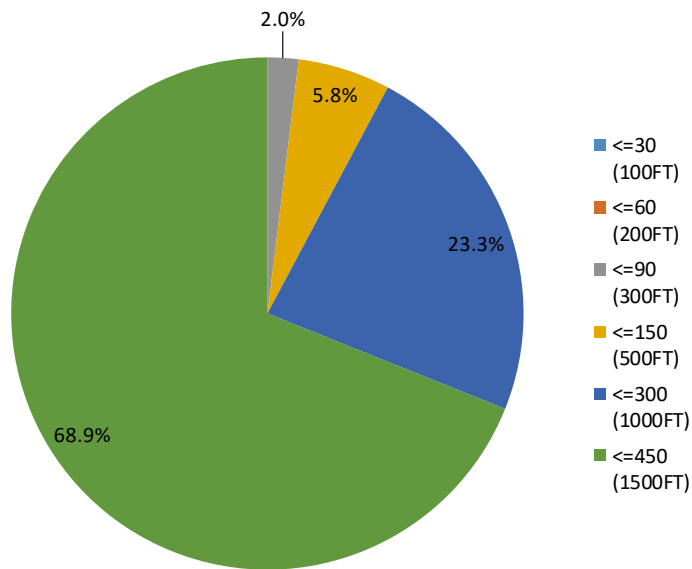
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	-	-	-	-	-	-
0030	-	-	-	-	-	-
0100	-	-	-	-	0.41	0.41
0130	-	-	-	-	0.42	1.26
0200	-	-	-	-	0.41	1.24
0230	-	-	-	-	0.41	1.24
0300	-	-	-	-	-	0.42
0330	-	-	-	-	-	0.84
0400	-	-	-	-	-	1.25
0430	-	-	-	-	-	0.43
0500	-	-	-	-	-	0.42
0530	-	-	0.43	0.43	0.43	0.86
0600	-	-	-	0.42	0.83	1.25
0630	-	-	-	0.42	0.83	0.83
0700	-	-	-	-	0.42	0.42
0730	-	-	-	0.42	0.84	1.27
0800	-	-	-	-	0.84	0.84
0830	-	-	-	-	-	-
0900	-	-	-	-	-	-
0930	-	-	-	-	-	0.43
1000	-	-	-	-	-	0.42
1030	-	-	-	-	-	0.42
1100	-	-	-	-	-	0.42
1130	-	-	-	-	-	0.42
1200	-	-	-	-	-	0.42
1230	-	-	-	-	-	0.41
1300	-	-	-	-	-	0.85
1330	-	-	-	-	0.42	1.26
1400	-	-	-	-	-	0.42
1430	-	-	-	-	0.42	1.27
1500	-	-	-	-	-	0.84
1530	-	-	-	-	-	0.42
1600	-	-	-	-	0.42	0.42
1630	-	-	-	-	-	0.42
1700	-	-	-	-	-	0.42
1730	-	-	-	-	0.42	0.42
1800	-	-	-	0.42	0.42	0.83
1830	-	-	0.42	0.42	0.42	1.26
1900	-	-	-	-	-	0.84
1930	-	-	-	-	1.27	1.69
2000	-	-	-	-	-	0.42
2030	-	-	-	-	-	0.42
2100	-	-	-	-	-	0.42
2130	-	-	-	-	-	0.42
2200	-	-	-	-	0.41	0.41
2230	-	-	-	-	-	0.42
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	-	0.02	0.05	0.21	0.62

**UGTB - Mean Cloud Base (September 2010-2017)**



In September, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 68.9%
2. >500FT and <= 1000FT – 23.3%
3. >300FT and <= 500FT – 5.8%
4. >200FT and <= 300FT – 2.0%
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In September, the mean percentage of cloud ceiling recorded above 1500 feet is 99.38% of the total amount of occurrences (See climatological table of September, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 300 feet and below (cloud amount BKN and OVC) (see climatological table of September, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

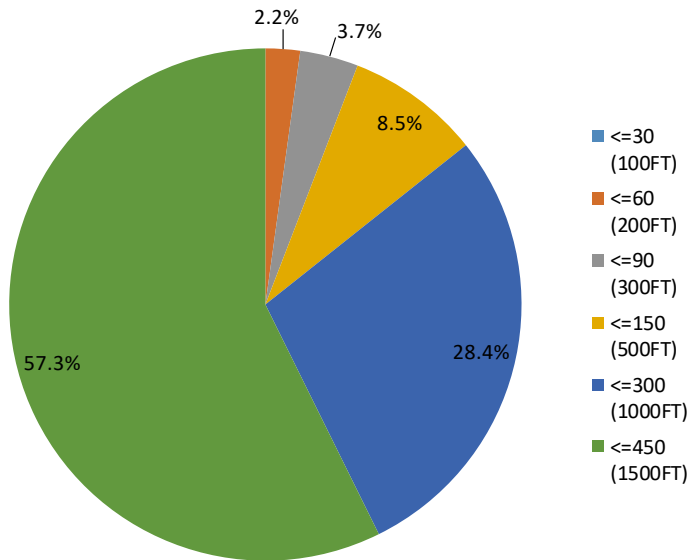
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	0.41	0.83	2.07	6.64	8.30
0030	-	-	0.41	1.63	5.31	12.65
0100	-	0.80	1.20	1.20	7.23	12.85
0130	-	0.41	1.22	2.04	6.53	12.24
0200	-	1.19	1.19	2.78	6.35	9.92
0230	-	0.82	1.64	2.46	5.74	12.30
0300	-	1.21	2.42	3.23	6.85	13.31
0330	-	0.83	1.25	4.17	8.75	14.17
0400	-	1.24	2.07	4.96	8.68	13.64
0430	-	1.23	2.05	3.28	8.20	14.34
0500	-	1.64	2.05	3.28	8.20	15.57
0530	-	1.24	1.24	4.96	9.50	16.94
0600	-	0.41	0.41	2.47	7.41	14.40
0630	-	0.83	1.24	2.89	7.44	13.64
0700	-	-	0.82	2.88	8.64	12.35
0730	-	0.41	0.41	1.65	8.26	11.98
0800	-	-	-	0.82	6.17	10.29
0830	-	0.42	0.42	0.84	4.20	10.92
0900	-	-	0.41	0.82	2.87	7.38
0930	-	-	-	0.41	2.89	7.85
1000	-	-	-	0.42	3.75	7.50
1030	-	-	0.41	1.24	2.89	7.44
1100	-	-	0.41	1.23	4.12	8.23
1130	-	-	-	-	2.47	4.53
1200	-	-	-	0.83	2.89	5.79
1230	-	0.41	0.41	0.82	2.88	4.12
1300	-	0.41	0.82	1.22	3.27	5.31
1330	-	-	0.83	0.83	2.07	5.37
1400	-	-	-	-	1.63	5.28
1430	-	-	-	-	1.64	5.33
1500	-	-	-	0.41	0.82	3.29
1530	-	-	-	-	0.41	2.87
1600	-	-	-	-	0.81	4.05
1630	-	-	-	-	1.22	3.67
1700	-	0.41	0.41	0.41	1.63	5.31
1730	-	-	-	-	1.22	4.47
1800	-	-	0.41	0.41	1.63	4.47
1830	-	-	-	-	1.65	4.96
1900	-	-	-	0.41	2.45	7.76
1930	-	-	0.41	0.41	3.25	8.13
2000	-	-	-	-	2.87	8.20
2030	-	-	-	-	2.04	7.35
2100	-	-	-	0.41	3.29	9.05
2130	-	0.41	0.41	0.41	5.39	10.37
2200	-	0.41	0.41	1.24	4.96	9.50
2230	-	-	-	1.23	3.70	7.82
2300	-	0.41	0.41	0.82	3.28	7.38
2330	-	0.42	0.42	0.42	4.17	7.92
Mean	-	0.33	0.56	1.29	4.34	8.76

**UGTB - Mean Cloud Base (October 2010-2017)**



In October, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 57.3%
2. >500FT and <= 1000FT – 28.4%
3. >300FT and <= 500FT – 8.5%
4. >200FT and <= 300FT – 3.7%
5. >100FT and <= 200FT – 2.2%
6. <=100FT – not observed

In October, the mean percentage of cloud ceiling recorded above 1500 feet is 91.24% of the total amount of occurrences (See climatological table of October, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.33 percent of minimum cloud height of 200 feet and below (cloud amount BKN and OVC) (see climatological table of October, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

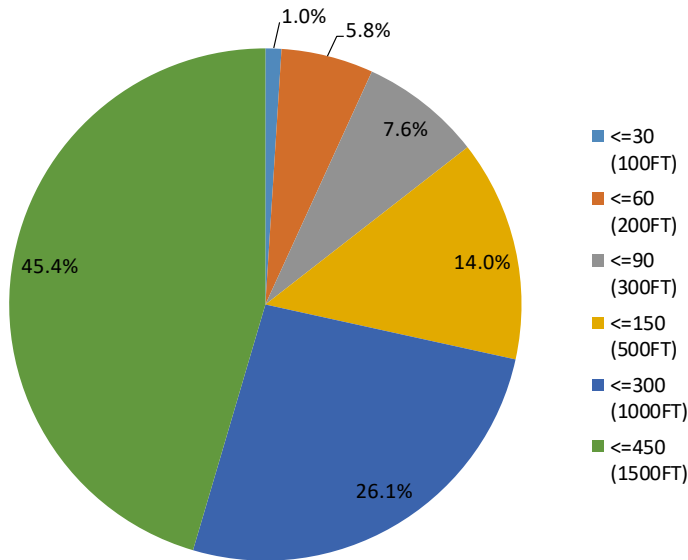
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	0.84	1.67	2.51	3.77	8.79	14.64
0030	0.84	1.27	1.69	3.80	8.02	16.03
0100	0.41	1.65	2.48	4.13	9.09	19.01
0130	0.41	1.24	1.24	3.32	8.30	18.26
0200	0.83	1.65	1.65	3.72	6.61	15.70
0230	0.42	1.25	1.25	3.75	8.33	16.25
0300	0.42	0.84	1.26	2.51	7.53	12.97
0330	-	2.48	2.89	4.96	10.74	16.53
0400	0.84	2.93	3.77	7.53	13.39	19.67
0430	0.82	3.69	4.10	7.79	11.48	16.80
0500	-	3.31	3.72	7.44	11.98	14.46
0530	0.42	3.33	3.75	7.08	12.92	17.08
0600	-	2.51	4.18	6.69	12.97	17.99
0630	0.83	3.33	5.42	7.92	13.33	18.33
0700	-	2.87	5.33	7.38	13.93	21.72
0730	-	2.11	3.38	7.17	13.08	20.25
0800	-	1.25	1.67	4.58	12.92	20.00
0830	-	1.25	1.67	2.92	6.67	16.67
0900	-	1.25	1.67	3.75	6.25	14.58
0930	-	1.26	1.26	3.77	7.53	14.23
1000	-	0.83	1.24	3.31	5.37	11.57
1030	-	0.83	1.24	2.07	6.22	11.20
1100	-	0.83	1.24	1.66	5.39	11.20
1130	-	0.83	0.83	1.67	3.75	7.92
1200	-	1.22	1.22	2.04	4.08	8.98
1230	0.42	0.84	0.84	2.53	4.22	10.13
1300	0.41	1.23	1.23	2.87	5.33	9.43
1330	0.41	0.41	0.41	0.83	4.13	7.02
1400	-	0.83	0.83	0.83	1.67	6.25
1430	-	0.41	0.41	0.41	1.23	6.17
1500	-	0.41	0.83	1.24	2.90	7.05
1530	-	0.83	0.83	1.66	2.90	7.05
1600	0.41	1.24	1.24	2.49	3.32	7.88
1630	0.41	0.82	0.82	1.64	4.51	10.25
1700	-	0.41	0.41	0.82	3.70	7.00
1730	-	0.82	1.23	1.23	4.12	7.82
1800	-	-	1.25	2.50	4.17	6.67
1830	-	0.41	1.66	2.49	4.56	8.71
1900	-	1.23	2.05	2.87	4.92	9.43
1930	-	0.82	2.06	4.53	7.00	8.23
2000	-	1.64	2.87	5.33	7.38	11.07
2030	1.23	3.29	4.12	6.17	9.05	11.52
2100	1.22	3.67	4.08	5.31	7.35	10.61
2130	0.41	3.29	3.70	5.76	8.64	13.17
2200	0.41	2.47	2.88	5.76	8.23	12.76
2230	-	2.48	3.31	7.02	9.92	15.70
2300	0.83	2.90	2.90	4.56	8.30	15.77
2330	0.41	2.89	3.31	6.20	8.68	15.70
Mean	0.28	1.65	2.17	3.95	7.39	12.86



**UGTB - Mean Cloud Base (November 2010-2017)**



In November, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 45.4%
2. >500FT and <= 1000FT – 26.1%
3. >300FT and <= 500FT – 14.0%
4. >200FT and <= 300FT – 7.6%
5. >100FT and <= 200FT – 5.8%
6. <=100FT – 1.0%

In November, the mean percentage of cloud ceiling recorded above 1500 feet is 87.14% of the total amount of occurrences (See climatological table of November, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.28 percent 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 TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

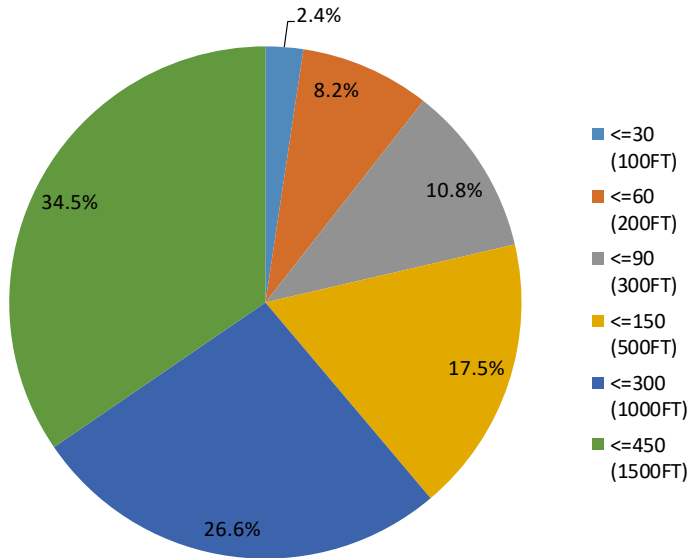
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	2.02	4.45	5.26	8.10	11.34	13.36
0030	2.43	5.26	5.26	8.91	12.55	14.57
0100	1.62	4.86	5.26	8.50	13.36	14.57
0130	1.21	4.44	5.24	7.66	11.69	13.71
0200	1.22	4.49	4.90	8.16	12.24	13.88
0230	1.20	4.42	6.02	8.43	11.65	12.85
0300	0.82	2.87	4.10	6.97	10.25	12.30
0330	1.20	4.42	4.82	7.23	9.64	13.25
0400	1.21	4.05	4.05	6.88	10.53	14.17
0430	0.82	4.08	4.49	8.57	10.61	13.88
0500	0.81	4.88	4.88	7.72	10.16	14.63
0530	0.41	4.07	6.10	9.35	10.57	13.82
0600	0.82	4.08	5.31	7.76	9.39	12.65
0630	0.41	2.47	5.76	7.00	9.05	12.35
0700	0.81	2.03	4.07	6.50	8.54	11.38
0730	0.41	2.05	2.87	5.74	8.61	10.66
0800	0.40	2.02	2.42	5.24	6.45	10.08
0830	0.41	1.24	1.65	2.89	6.61	9.50
0900	0.41	0.83	1.65	2.48	5.79	8.26
0930	-	0.41	1.23	2.05	4.10	7.79
1000	-	0.40	1.61	2.02	4.84	7.26
1030	-	0.41	0.82	2.05	4.10	5.74
1100	0.41	0.41	0.41	1.65	2.89	6.61
1130	-	0.41	0.82	1.22	3.67	7.35
1200	0.41	0.41	0.81	1.22	3.25	5.28
1230	-	0.41	0.83	1.24	3.32	5.39
1300	-	0.40	0.81	1.61	2.42	4.03
1330	-	0.41	0.82	1.65	3.29	4.53
1400	-	-	0.41	1.63	2.03	3.66
1430	-	-	0.81	1.63	2.44	4.47
1500	-	0.40	1.62	2.83	3.64	4.05
1530	-	0.81	1.22	2.44	4.07	4.88
1600	0.82	1.22	1.63	2.86	4.49	6.12
1630	0.41	0.81	0.81	2.85	4.07	5.28
1700	0.41	1.22	1.63	2.04	3.67	5.71
1730	-	0.41	1.22	2.44	5.28	7.32
1800	-	1.21	1.62	3.24	5.26	7.29
1830	-	0.41	2.03	2.85	5.28	6.50
1900	-	1.22	2.03	3.66	4.88	5.69
1930	0.41	1.22	2.85	3.66	4.88	6.10
2000	0.40	1.61	2.02	2.42	5.24	6.05
2030	0.81	2.03	2.44	4.47	7.72	8.94
2100	1.24	2.89	3.31	5.79	8.68	10.74
2130	1.21	4.05	4.05	5.67	10.12	11.74
2200	1.21	4.05	4.05	5.67	10.93	12.15
2230	1.62	4.45	4.86	7.69	10.12	12.55
2300	1.64	4.10	4.92	7.79	10.25	12.30
2330	1.22	3.67	4.08	6.53	11.43	13.06
Mean	0.64	2.22	2.91	4.73	7.20	9.34

**UGTB - Mean Cloud Base (December 2010-2017)**



In December, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 34.5%
2. >500FT and <= 1000FT – 26.6%
3. >300FT and <= 500FT – 17.5%
4. >200FT and <= 300FT – 10.8%
5. >100FT and <= 200FT – 8.2%
6. <=100FT – 2.4%

In December, the mean percentage of cloud ceiling recorded above 1500 feet is 90.66% of the total amount of occurrences (See climatological table of December, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.64 percent of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of December, Model C).

# WIND SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

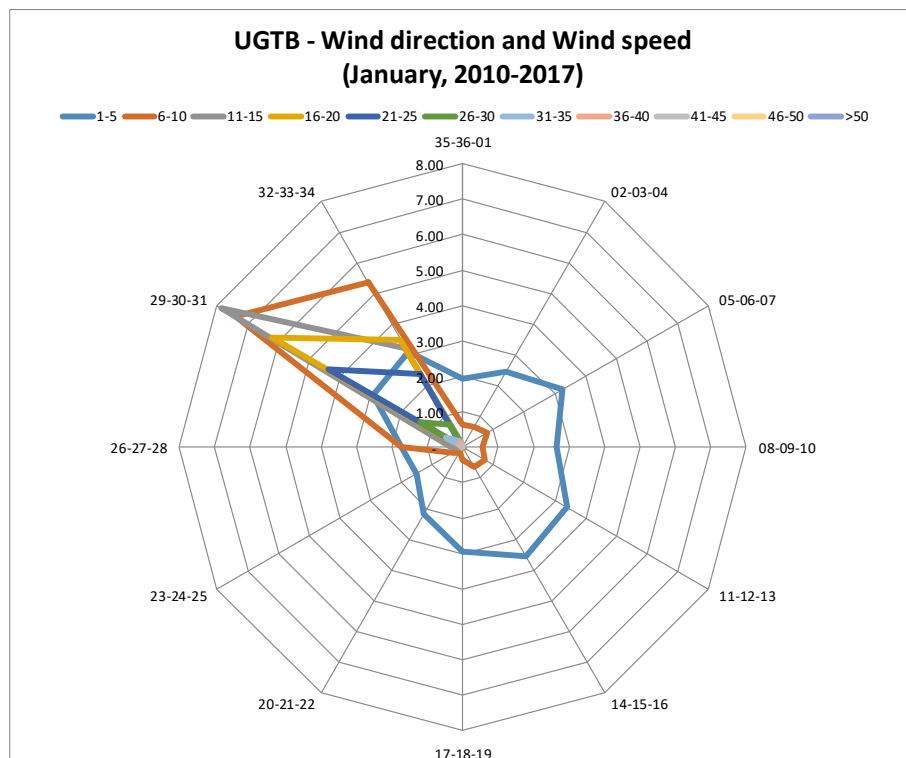
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												10.80
VARIABLE	6.78	0.05	-	-	-	-	-	-	-	-	-	6.83
35-36-01	1.93	0.63	0.08	0.03	-	-	-	-	-	-	-	2.67
02-03-04	2.46	0.68	-	-	-	-	-	-	-	-	-	3.14
05-06-07	3.25	0.81	0.01	-	-	-	-	-	-	-	-	4.07
08-09-10	2.64	0.55	-	-	-	-	-	-	-	-	-	3.20
11-12-13	3.39	0.73	0.02	-	-	-	-	-	-	-	-	4.13
14-15-16	3.54	0.64	-	-	-	-	-	-	-	-	-	4.18
17-18-19	2.93	0.34	0.01	-	-	-	-	-	-	-	-	3.28
20-21-22	2.18	0.18	0.01	0.01	-	-	-	-	-	-	-	2.38
23-24-25	1.51	0.33	0.03	-	-	-	-	-	-	-	-	1.87
26-27-28	1.75	1.74	0.33	0.06	0.03	-	-	-	-	-	-	3.90
29-30-31	2.91	7.40	7.86	6.21	4.37	1.40	0.54	0.13	0.05	-	-	30.86
32-33-34	3.10	5.36	3.24	3.51	2.39	0.72	0.22	0.12	0.03	0.02	-	18.70
TOTAL	38.37	19.44	11.57	9.83	6.79	2.12	0.75	0.24	0.08	0.02	-	100



**CALM**  
10.80%

**VARIABLE**  
6.83%

The prevailing wind directions of 290°-340° frequency of occurrence is 49.56%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to “Beaufort wind force scale” (frequencies of occurrence 57.81%).

The maximum wind of 46-50 knots is observed within the 320°-340° sector (frequency of occurrence 0.02%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

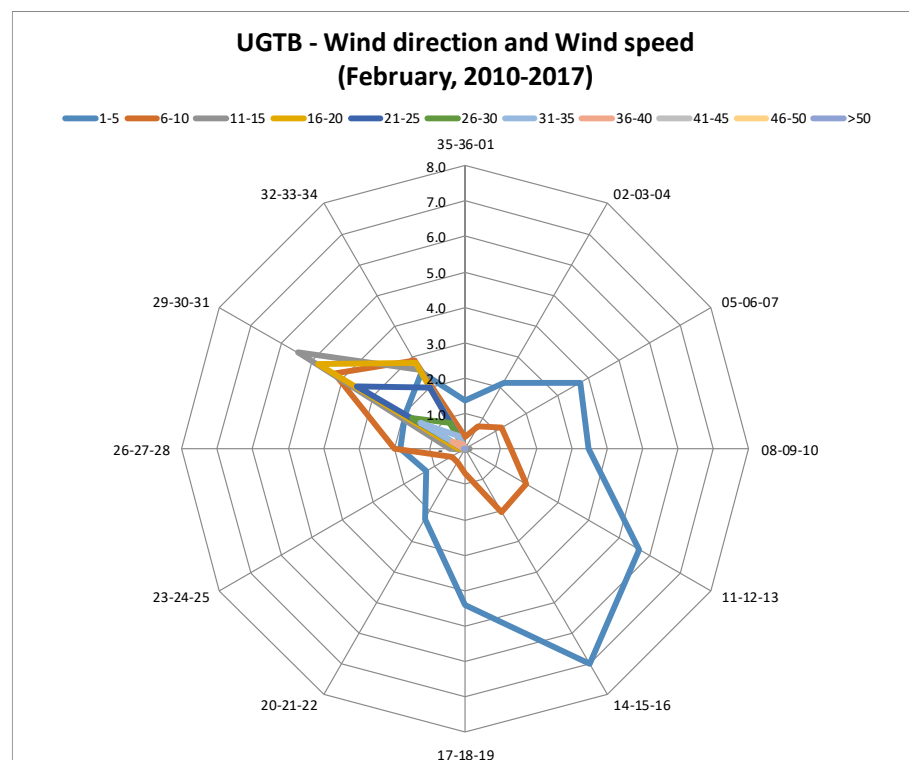
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												10.01
VARIABLE	6.4	0.0	-	-	-	-	-	-	-	-	-	6.45
35-36-01	1.4	0.3	0.05	0.02	0.01	-	-	-	-	-	-	1.78
02-03-04	2.2	0.7	-	-	-	-	-	-	-	-	-	2.91
05-06-07	3.7	1.2	0.04	-	-	-	-	-	-	-	-	4.96
08-09-10	3.5	1.3	0.1	-	-	-	-	-	-	-	-	4.87
11-12-13	5.7	2.0	0.1	-	-	-	-	-	-	-	-	7.73
14-15-16	7.0	2.0	0.05	-	-	-	-	-	-	-	-	9.11
17-18-19	4.4	0.7	-	-	-	-	-	-	-	-	-	5.12
20-21-22	2.3	0.4	0.01	-	-	-	-	-	-	-	-	2.71
23-24-25	1.3	0.4	0.03	-	-	-	-	-	-	-	-	1.72
26-27-28	1.8	2.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.78
29-30-31	1.9	4.3	5.4	4.8	3.5	1.7	1.5	0.4	0.0	0.0	-	23.62
32-33-34	2.5	2.9	2.6	2.8	2.0	0.9	0.4	0.1	0.0	0.0	0.0	14.24
<b>TOTAL</b>	<b>44.09</b>	<b>18.30</b>	<b>8.82</b>	<b>7.83</b>	<b>5.58</b>	<b>2.65</b>	<b>1.90</b>	<b>0.62</b>	<b>0.06</b>	<b>0.06</b>	<b>0.06</b>	<b>100</b>



**CALM**  
10.01%

**VARIABLE**  
6.45%

The prevailing wind directions of 290°-340° frequency of occurrence is 37.86%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequencies of occurrence 62.39%).

The maximum wind of >50 knots is observed within the 260°-280° and 320°-340° sectors (frequency of occurrence 0.06%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

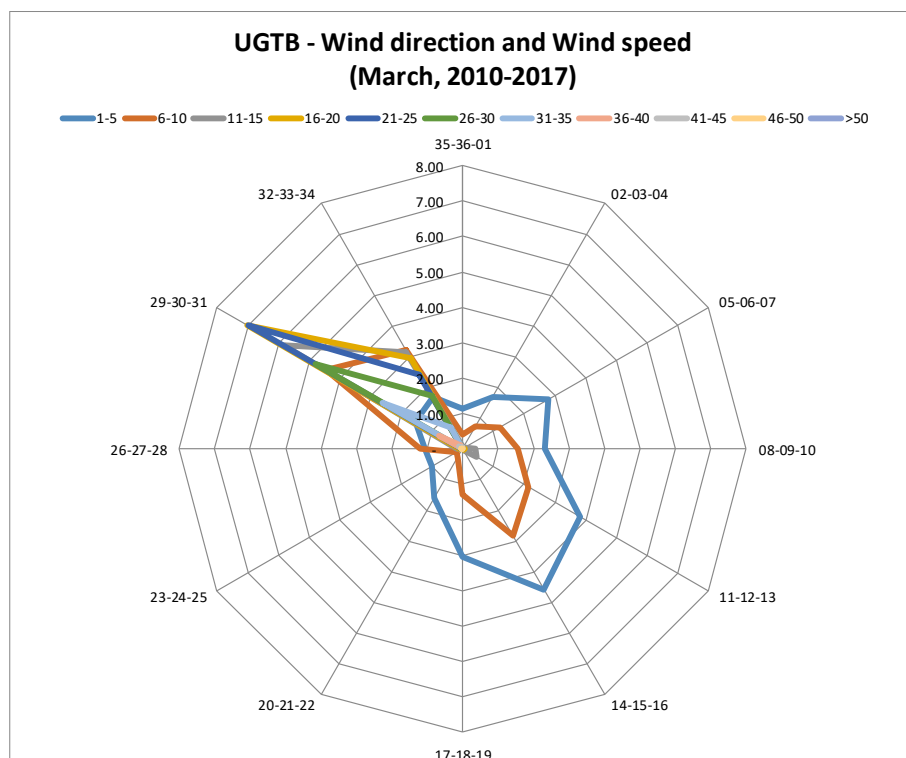
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												6.63
VARIABLE	6.50	0.23	-	-	-	-	-	-	-	-	-	6.73
35-36-01	1.14	0.42	0.08	0.02	-	-	-	-	-	-	-	1.65
02-03-04	1.68	0.74	0.03	0.01	-	-	-	-	-	-	-	2.46
05-06-07	2.79	1.20	0.07	-	-	-	-	-	-	-	-	4.05
08-09-10	2.30	1.54	0.34	0.07	-	-	-	-	-	-	-	4.25
11-12-13	3.83	2.15	0.45	0.03	-	-	-	-	-	-	-	6.47
14-15-16	4.57	2.81	0.08	-	-	-	-	-	-	-	-	7.46
17-18-19	3.03	1.27	-	-	-	-	-	-	-	-	-	4.30
20-21-22	1.61	0.31	-	-	-	-	-	-	-	-	-	1.92
23-24-25	1.00	0.21	-	-	-	-	-	-	-	-	-	1.21
26-27-28	1.05	1.19	0.16	0.11	0.06	0.02	-	-	-	-	-	2.58
29-30-31	1.55	4.47	5.85	7.00	6.99	4.81	2.62	0.76	0.13	0.04	-	34.21
32-33-34	1.68	3.21	3.17	2.94	2.44	1.74	0.70	0.14	0.04	-	-	16.08
TOTAL	32.73	19.75	10.22	10.18	9.49	6.57	3.32	0.90	0.18	0.04	-	100



**CALM**  
6.63%

**VARIABLE**  
6.73%

The prevailing wind directions of 290°-340° frequency of occurrence is 50.29%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequencies of occurrence 52.48%).

The maximum wind of 46-50 knots is observed within the 290°-310° sector (frequency of occurrence 0.04%).

# AERONAUTICAL CLIMATOLOGY

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

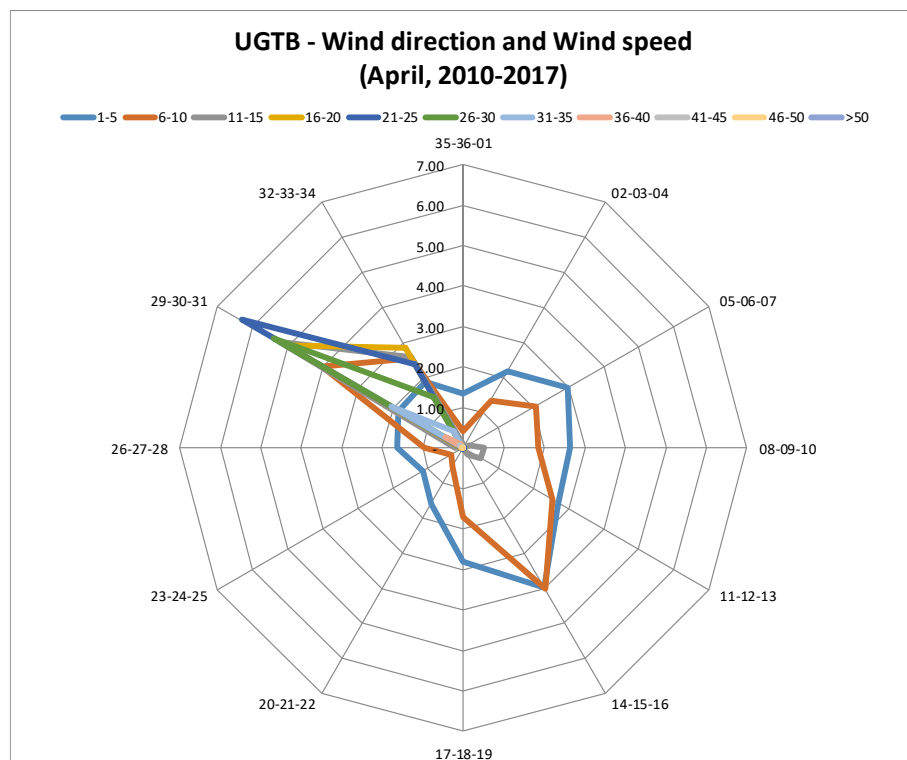
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												5.60
VARIABLE	8.34	0.28	-	0.01	-	-	-	-	-	-	-	8.63
35-36-01	1.35	0.42	0.10	0.02	-	0.01	-	-	-	-	-	1.91
02-03-04	2.19	1.35	0.03	0.02	-	-	-	-	-	-	-	3.59
05-06-07	2.96	2.05	0.15	0.01	0.02	-	-	-	-	-	-	5.19
08-09-10	2.62	1.85	0.53	0.03	0.01	-	-	-	-	-	-	5.05
11-12-13	2.72	2.55	0.51	0.03	-	-	-	-	-	-	-	5.81
14-15-16	3.99	4.02	0.21	-	-	-	-	-	-	-	-	8.22
17-18-19	2.80	1.69	0.03	-	-	-	-	-	-	-	-	4.53
20-21-22	1.60	0.53	0.02	-	0.01	-	-	-	-	-	-	2.17
23-24-25	1.14	0.34	-	-	-	-	-	-	-	-	-	1.48
26-27-28	1.63	0.97	0.20	0.05	0.03	-	-	-	-	-	-	2.87
29-30-31	1.84	4.05	5.23	5.05	6.32	5.42	2.05	0.53	0.12	0.04	-	30.64
32-33-34	1.88	2.57	2.59	2.86	2.38	1.45	0.48	0.10	0.03	-	-	14.34
TOTAL	35.08	22.68	9.59	8.07	8.76	6.88	2.54	0.63	0.15	0.04	-	100



**CALM**  
5.60%

**VARIABLE**  
8.63%

The prevailing wind directions of 290°-340° frequency of occurrence is 44.98%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequencies of occurrence 57.76%).

The maximum wind of 46-50 knots is observed within the 290°-310° sector (frequency of occurrence 0.04%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

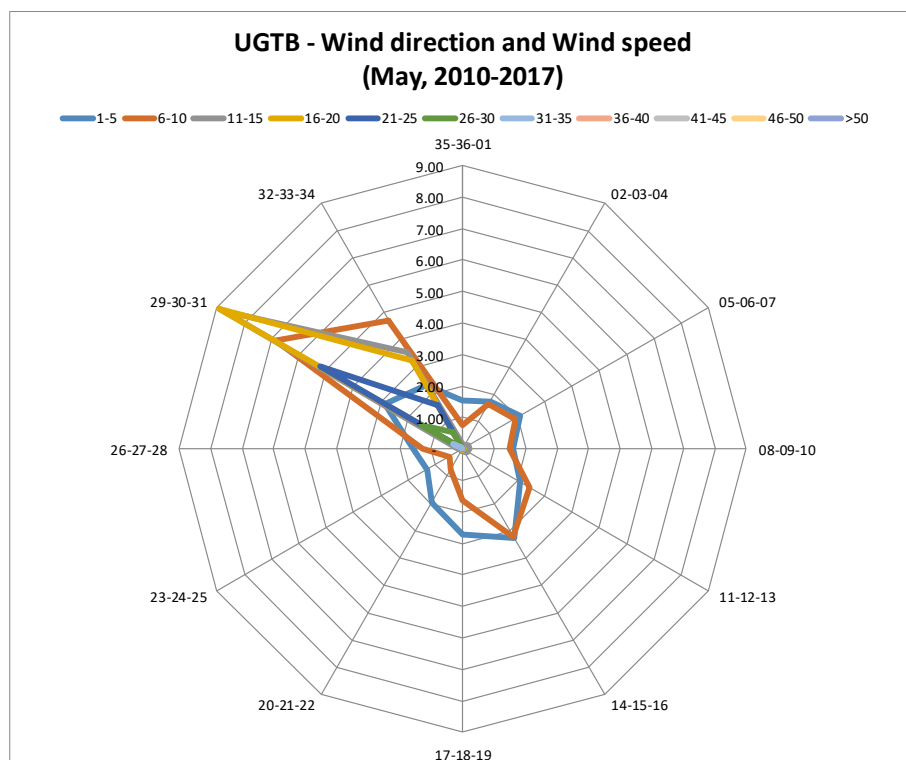
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												4.36
VARIABLE	7.61	0.35	0.03	-	-	-	-	-	-	-	-	7.99
35-36-01	1.54	0.76	0.14	0.03	-	-	-	-	-	-	-	2.46
02-03-04	1.76	1.65	0.15	0.03	-	-	0.01	-	-	-	-	3.59
05-06-07	2.11	1.92	0.21	0.03	0.01	-	-	-	-	-	-	4.28
08-09-10	1.59	1.49	0.23	0.03	0.01	-	-	-	-	-	-	3.34
11-12-13	2.10	2.46	0.18	0.01	-	-	-	-	-	-	-	4.75
14-15-16	3.27	3.21	0.10	-	-	-	-	-	-	-	-	6.58
17-18-19	2.73	1.65	0.01	-	-	-	-	-	-	-	-	4.38
20-21-22	1.95	0.77	0.06	-	-	-	-	-	-	-	-	2.78
23-24-25	1.30	0.49	0.05	0.02	-	-	-	-	-	-	-	1.86
26-27-28	1.56	1.28	0.17	0.02	-	-	-	-	-	-	-	3.03
29-30-31	2.84	6.86	8.75	8.91	5.22	1.51	0.35	0.01	-	-	-	34.47
32-33-34	2.36	4.71	3.55	3.24	1.60	0.61	0.07	-	-	-	-	16.13
TOTAL	32.70	27.60	13.63	12.31	6.84	2.12	0.43	0.01	-	-	-	100



**CALM**  
4.36%

**VARIABLE**  
7.99%

The prevailing wind directions of 290°-340° frequency of occurrence is 50.60%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 60.30%).

The maximum wind of 36-40 knots is observed within the 290°-310° sectors (frequency of occurrence 0.01%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

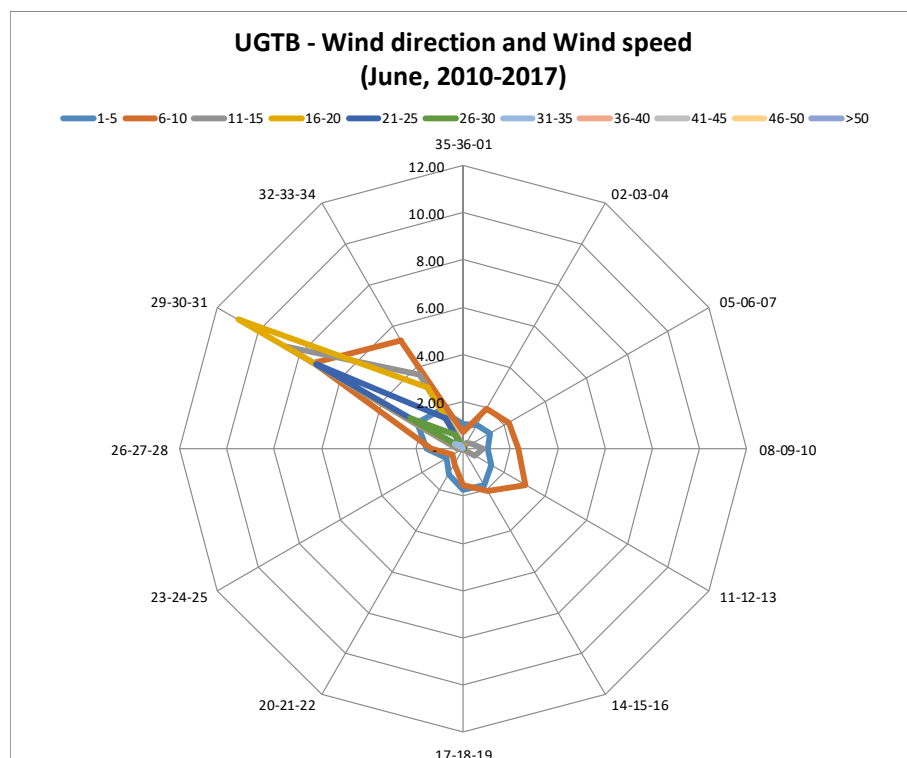
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												3.04
VARIABLE	7.48	0.83	0.06	0.03	-	0.01	-	-	-	-	-	8.41
35-36-01	1.05	0.73	0.15	0.04	0.01	-	-	-	-	-	-	1.99
02-03-04	1.14	2.00	0.28	0.12	0.02	-	-	-	-	-	-	3.56
05-06-07	1.33	2.25	0.45	0.03	0.03	-	-	-	-	-	-	4.08
08-09-10	1.01	2.31	0.83	0.09	0.01	-	-	-	-	-	-	4.24
11-12-13	1.36	3.04	0.53	0.07	-	-	-	-	-	-	-	5.01
14-15-16	1.76	2.04	0.06	-	-	-	-	-	-	-	-	3.86
17-18-19	1.71	1.55	-	0.01	-	-	-	-	-	-	-	3.27
20-21-22	1.24	0.77	0.03	-	-	-	-	-	-	-	-	2.05
23-24-25	0.81	0.51	0.04	0.02	-	-	-	-	-	-	-	1.38
26-27-28	1.54	1.38	0.26	0.04	0.01	-	-	-	-	-	-	3.23
29-30-31	2.25	7.31	8.69	11.01	7.20	2.61	0.45	0.03	-	-	-	39.56
32-33-34	1.91	5.30	3.66	3.03	1.52	0.69	0.20	0.02	-	-	-	16.32
TOTAL	24.62	30.01	15.06	14.48	8.79	3.31	0.64	0.05	-	-	-	100



**CALM**  
3.04%

**VARIABLE**  
8.41%

The prevailing wind directions of 290°-340° frequency of occurrence is 55.88%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 54.63%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.05%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

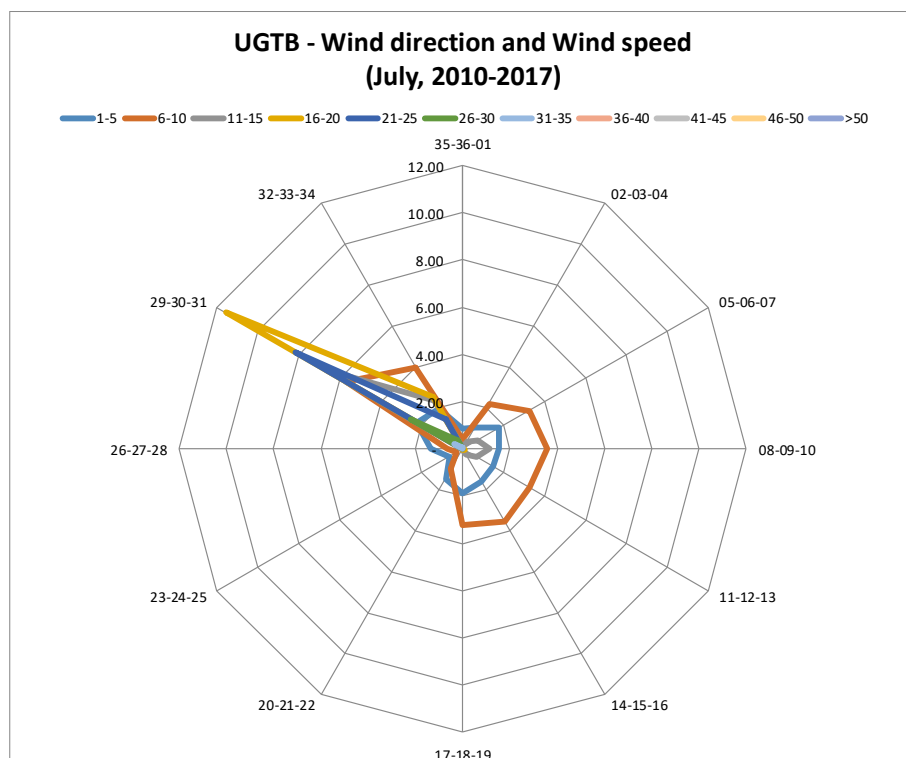
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												2.92
VARIABLE	7.38	0.92	0.03	-	-	-	-	-	-	-	-	8.33
35-36-01	0.85	0.41	0.06	0.01	-	-	-	-	-	-	-	1.33
02-03-04	1.04	2.22	0.37	0.03	-	-	-	-	-	-	-	3.66
05-06-07	1.79	3.25	0.75	0.02	-	-	-	-	-	-	-	5.81
08-09-10	1.55	3.57	1.14	0.05	-	-	-	-	-	-	-	6.31
11-12-13	1.51	3.27	0.67	0.09	-	-	-	-	-	-	-	5.54
14-15-16	1.58	3.54	0.27	0.02	-	-	-	-	-	-	-	5.41
17-18-19	1.88	3.22	0.05	-	-	-	-	-	-	-	-	5.15
20-21-22	1.45	0.98	0.01	-	-	-	-	-	-	-	-	2.45
23-24-25	0.63	0.31	0.02	-	-	-	-	-	-	-	-	0.96
26-27-28	1.34	0.64	0.06	-	-	-	-	-	-	-	-	2.03
29-30-31	2.26	5.69	6.65	11.55	8.16	2.54	0.40	0.03	-	-	-	37.28
32-33-34	1.99	3.95	2.37	2.56	1.45	0.44	0.07	-	-	-	-	12.82
TOTAL	25.26	31.99	12.44	14.32	9.60	2.98	0.47	0.03	-	-	-	100



**CALM**  
2.92%

**VARIABLE**  
8.33%

The prevailing wind directions of 290°-340° frequency of occurrence is 50.10%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 57.25%).

The maximum wind of 36-40 knots is observed within the 290°-310° sector (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

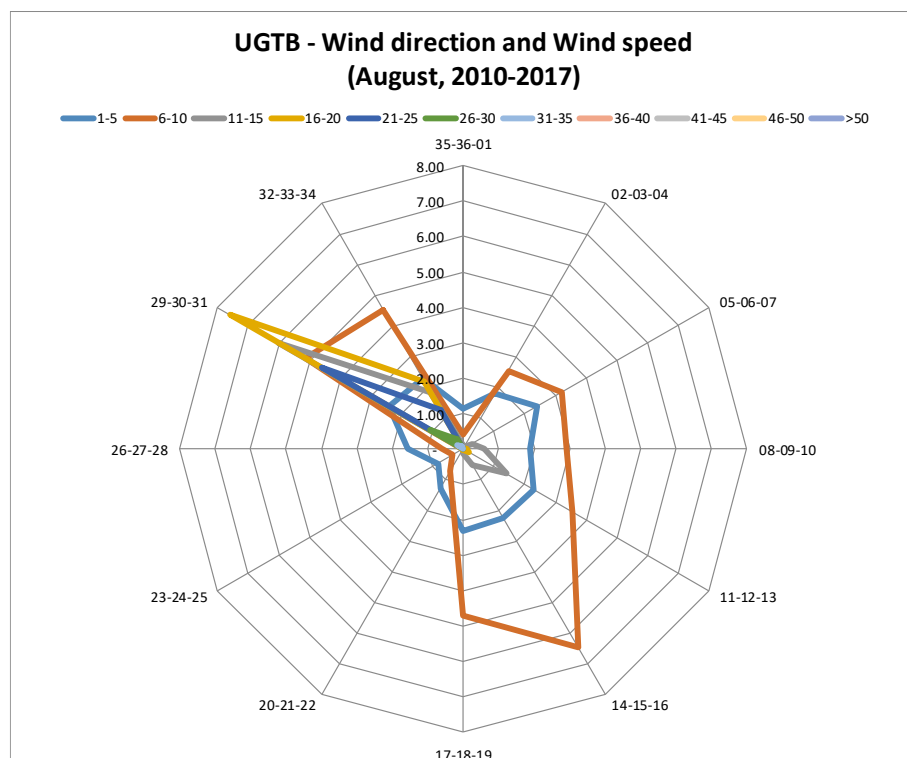
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												3.12
VARIABLE	8.88	1.45	0.02	-	-	-	-	-	-	-	-	10.35
35-36-01	1.15	0.40	0.12	0.03	-	-	-	-	-	-	-	1.70
02-03-04	1.80	2.54	0.09	0.03	-	0.01	-	-	-	-	-	4.47
05-06-07	2.41	3.21	0.29	-	-	-	-	-	-	-	-	5.91
08-09-10	1.89	2.92	0.60	0.08	-	-	-	-	-	-	-	5.48
11-12-13	2.29	3.54	1.40	0.20	-	-	-	-	-	-	-	7.42
14-15-16	2.23	6.48	0.51	0.01	-	-	-	-	-	-	-	9.23
17-18-19	2.32	4.71	0.14	-	-	-	-	-	-	-	-	7.17
20-21-22	1.28	0.72	0.02	0.02	-	-	-	-	-	-	-	2.03
23-24-25	0.82	0.34	0.03	-	-	-	-	-	-	-	-	1.18
26-27-28	1.58	0.59	0.05	0.05	0.02	-	-	-	-	-	-	2.29
29-30-31	2.43	5.14	6.02	7.59	4.60	1.07	0.21	0.01	-	-	-	27.07
32-33-34	2.30	4.53	1.86	2.18	1.26	0.33	0.08	0.02	-	-	-	12.56
TOTAL	31.38	36.58	11.15	10.17	5.88	1.41	0.29	0.03	-	-	-	100



**CALM**  
3.12%

**VARIABLE**  
10.35%

The prevailing wind directions of 290°-340° frequency of occurrence is 39.63%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 67.96%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

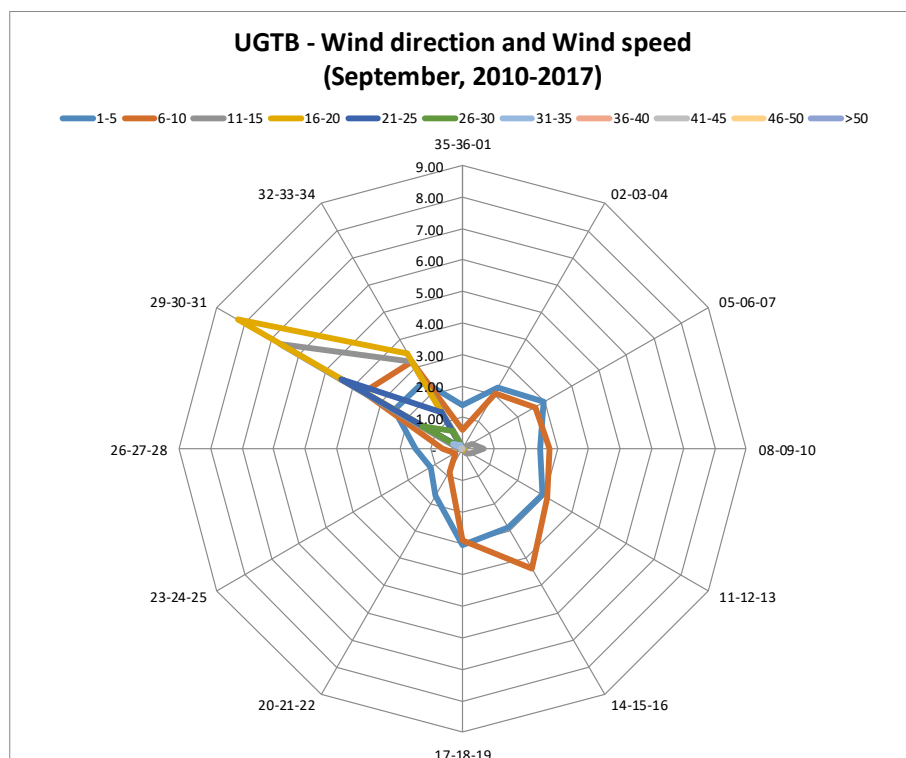
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												4.33
VARIABLE	8.75	0.67	0.01	-	-	-	-	-	-	-	-	9.43
35-36-01	1.39	0.62	0.09	0.03	-	0.01	-	-	-	-	-	2.14
02-03-04	2.24	2.05	0.04	-	-	-	-	-	-	-	-	4.34
05-06-07	2.97	2.66	0.32	0.03	-	-	-	-	-	-	-	5.98
08-09-10	2.47	2.74	0.65	0.04	-	-	-	-	-	-	-	5.91
11-12-13	2.90	3.11	0.30	0.04	-	-	-	-	-	-	-	6.34
14-15-16	2.88	4.36	0.18	-	-	-	-	-	-	-	-	7.42
17-18-19	3.03	2.90	-	-	-	-	-	-	-	-	-	5.93
20-21-22	1.72	0.86	0.02	-	-	-	-	-	-	-	-	2.59
23-24-25	1.17	0.26	0.01	-	-	-	-	-	-	-	-	1.45
26-27-28	1.52	0.66	0.11	0.02	0.01	-	-	-	-	-	-	2.30
29-30-31	2.51	3.64	6.67	8.23	4.44	1.47	0.33	0.03	0.04	-	-	27.35
32-33-34	2.45	3.21	3.20	3.49	1.36	0.64	0.15	-	-	-	-	14.49
TOTAL	36.01	27.74	11.58	11.86	5.81	2.12	0.48	0.03	0.04	-	-	100



**CALM**  
4.33%

**VARIABLE**  
9.43%

The prevailing wind directions of 290°-340° frequency of occurrence is 41.84%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 63.75%).

The maximum wind of 41-45 knots is observed within the 290°-310° sectors (frequency of occurrence 0.04%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

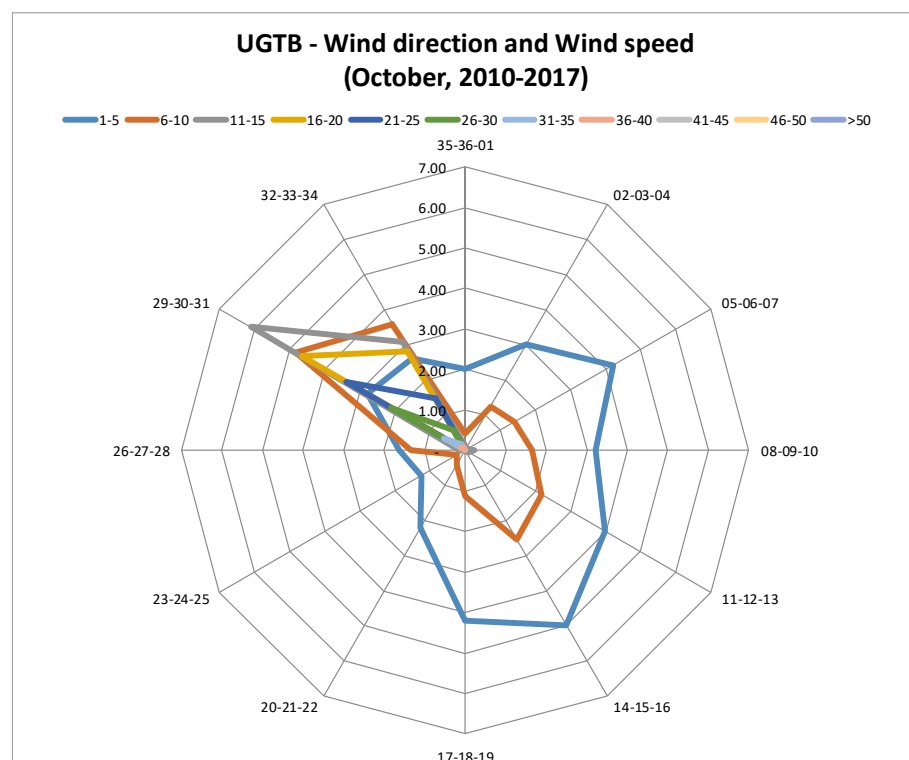
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												7.96
VARIABLE	8.67	0.18	-	-	-	-	-	-	-	-	-	8.85
35-36-01	2.02	0.41	0.13	-	-	-	-	-	-	-	-	2.56
02-03-04	3.03	1.26	0.04	-	-	-	-	-	-	-	-	4.34
05-06-07	4.20	1.41	0.10	-	-	-	-	-	-	-	-	5.72
08-09-10	3.22	1.65	0.22	-	-	-	-	-	-	-	-	5.09
11-12-13	3.98	2.17	0.11	-	-	-	-	-	-	-	-	6.26
14-15-16	4.99	2.54	0.02	-	-	-	-	-	-	-	-	7.54
17-18-19	4.19	1.13	-	-	-	-	-	-	-	-	-	5.32
20-21-22	2.21	0.43	0.01	-	-	-	-	-	-	-	-	2.65
23-24-25	1.25	0.23	-	-	-	-	-	-	-	-	-	1.48
26-27-28	1.63	1.33	0.15	0.02	-	0.02	-	-	-	-	-	3.14
29-30-31	2.79	4.83	6.10	4.67	3.40	2.11	0.61	0.14	-	-	-	24.63
32-33-34	2.63	3.60	3.08	2.84	1.49	0.57	0.19	0.08	-	-	-	14.47
TOTAL	44.81	21.17	9.96	7.52	4.89	2.69	0.80	0.21	-	-	-	100



**CALM**  
7.96%

**VARIABLE**  
8.85%

The prevailing wind directions of 290°-340° frequency of occurrence is 39.1%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 65.98%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.21%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

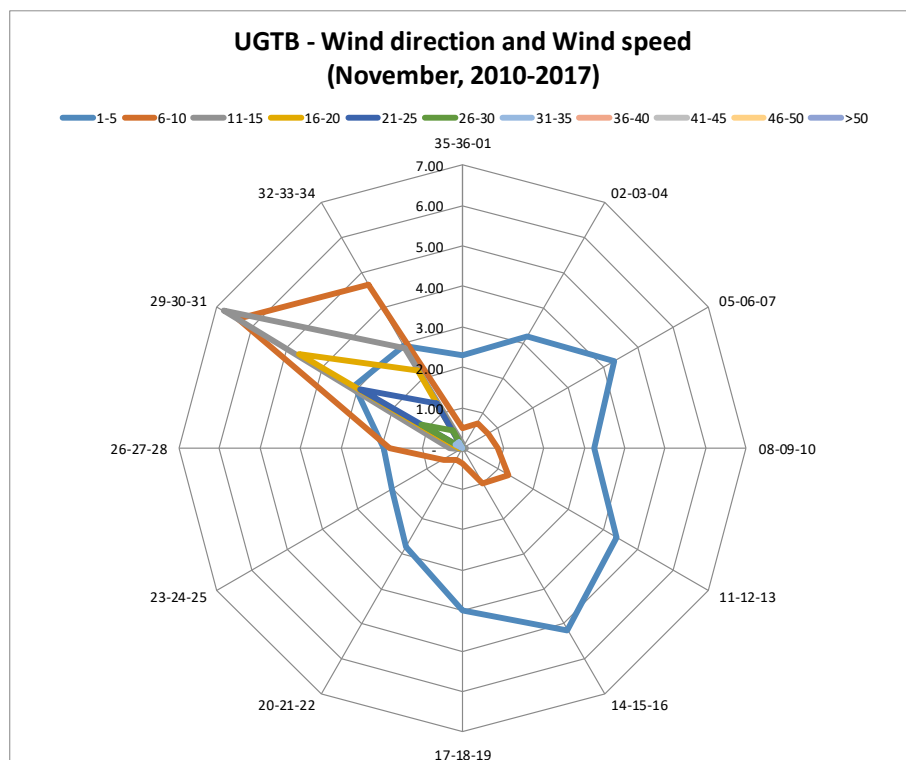
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												9.43
VARIABLE	8.28	0.06	-	-	-	-	-	-	-	-	-	8.34
35-36-01	2.29	0.51	0.11	0.02	-	-	-	-	-	-	-	2.93
02-03-04	3.18	0.72	0.01	-	-	-	-	-	-	-	-	3.91
05-06-07	4.31	0.74	0.02	-	-	-	-	-	-	-	-	5.07
08-09-10	3.24	0.86	0.08	-	-	-	-	-	-	-	-	4.18
11-12-13	4.39	1.32	0.06	-	-	-	-	-	-	-	-	5.77
14-15-16	5.17	1.00	-	-	-	-	-	-	-	-	-	6.18
17-18-19	3.99	0.36	-	-	-	-	-	-	-	-	-	4.35
20-21-22	2.81	0.33	0.01	-	-	-	-	-	-	-	-	3.15
23-24-25	2.02	0.55	0.03	-	-	-	-	-	-	-	-	2.60
26-27-28	1.96	1.80	0.33	0.10	0.01	-	-	-	-	-	-	4.20
29-30-31	3.08	6.40	6.80	4.65	2.93	1.17	0.19	0.01	-	-	-	25.23
32-33-34	2.93	4.68	2.87	2.21	1.28	0.50	0.19	0.02	-	-	-	14.67
TOTAL	47.66	19.33	10.31	6.98	4.22	1.66	0.38	0.03	-	-	-	100



**CALM**  
9.43%

**VARIABLE**  
8.34%

The prevailing wind directions of 290°-340° frequency of occurrence is 39.9%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 66.99%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

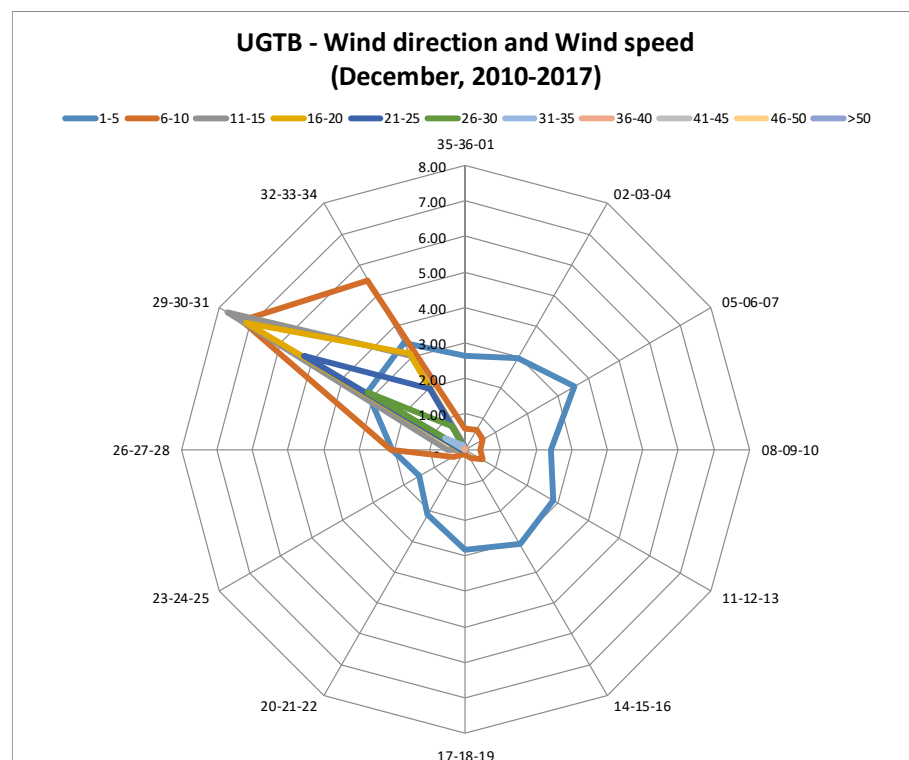
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												7.57
VARIABLE	6.99	0.04	-	-	-	-	-	-	-	-	-	7.04
35-36-01	2.63	0.57	0.10	0.01	0.01	-	-	-	-	-	-	3.32
02-03-04	2.98	0.65	0.03	-	-	-	-	-	-	-	-	3.65
05-06-07	3.55	0.56	0.04	0.01	-	-	-	-	-	-	-	4.17
08-09-10	2.40	0.41	0.03	-	-	-	-	-	-	-	-	2.84
11-12-13	2.84	0.56	0.01	-	-	-	-	-	-	-	-	3.41
14-15-16	3.07	0.29	-	-	-	-	-	-	-	-	-	3.37
17-18-19	2.83	0.15	-	-	-	-	-	-	-	-	-	2.98
20-21-22	2.12	0.17	-	-	-	-	-	-	-	-	-	2.29
23-24-25	1.51	0.40	0.02	0.02	0.01	-	-	-	-	-	-	1.94
26-27-28	2.05	2.11	0.51	0.13	0.09	-	-	-	-	-	-	4.90
29-30-31	3.20	7.29	7.73	7.13	5.27	3.20	0.66	0.03	-	-	-	34.51
32-33-34	3.46	5.49	3.04	3.13	1.98	0.76	0.15	0.02	-	-	-	18.02
TOTAL	39.63	18.69	11.51	10.42	7.36	3.96	0.82	0.05	-	-	-	100



**CALM**  
7.57%

**VARIABLE**  
7.04%

The prevailing wind directions of 290°-340° frequency of occurrence is 52.53%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 58.32%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.05%).

# WIND GUST SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

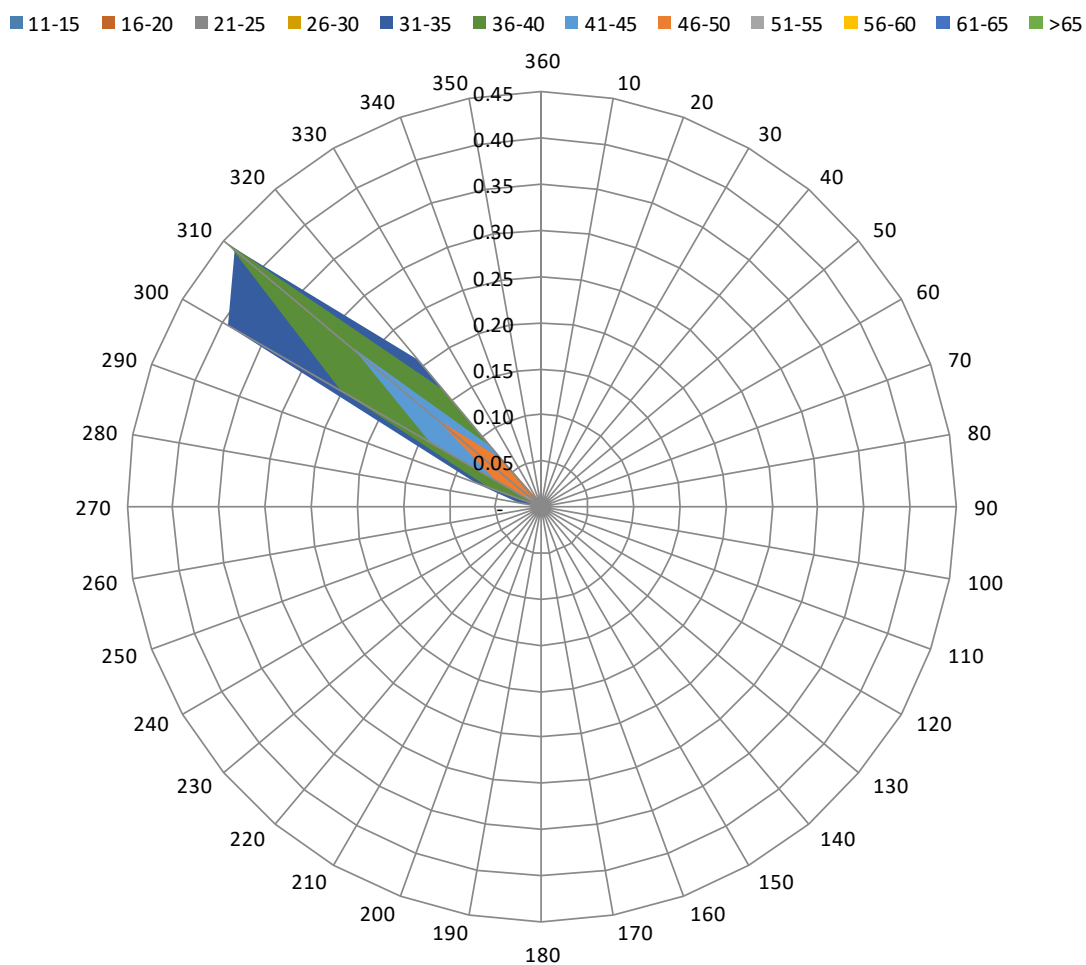
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	0.01	-	0.01	0.03	-	-	-	-	-	-	-	0.04
290	-	-	-	0.07	0.08	0.06	-	-	-	-	-	-	0.20
300	0.01	-	0.03	0.14	0.39	0.25	0.14	0.06	0.03	-	-	-	1.06
310	-	-	0.03	0.11	0.44	0.44	0.27	0.15	0.02	-	-	-	1.46
320	-	-	-	0.03	0.21	0.17	0.08	0.07	0.01	-	-	-	0.57
330	-	0.02	-	-	-	-	0.01	0.01	-	-	-	-	0.03
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.03	0.07	0.36	1.14	0.92	0.50	0.28	0.06	-	-	-	3.37



## UGTB - Wind direction and Wind Gust speed (January, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.84%.

The maximum wind gust speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence 0.06%).

The directions of maximum wind gusts are  $300^\circ$ ,  $310^\circ$  and  $320^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

OBSERVATION INTERVAL: 30 MIN.

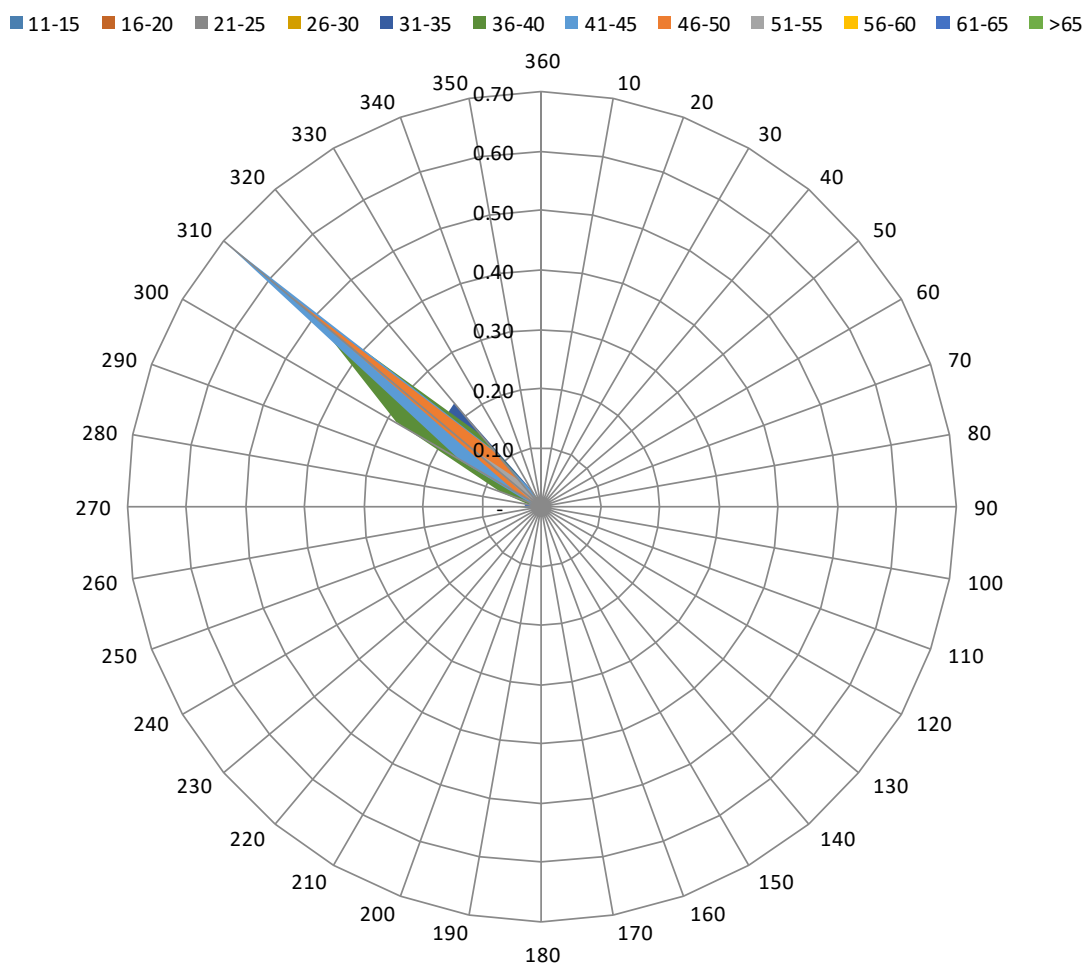
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	0.01	-	0.01	0.01	-	0.03
270	-	-	-	0.01	-	0.04	0.02	0.02	0.01	-	0.03	-	0.12
280	-	-	-	-	0.02	0.02	0.02	0.01	-	0.01	0.03	-	0.10
290	-	-	-	0.06	0.04	0.07	0.03	-	0.02	0.01	-	-	0.22
300	-	-	0.09	0.10	0.25	0.28	0.16	0.05	0.02	-	-	-	0.95
310	-	-	0.01	0.17	0.22	0.51	0.70	0.55	0.15	0.02	-	-	2.32
320	-	-	0.01	0.04	0.23	0.16	0.13	0.12	0.06	-	0.01	-	0.74
330	-	-	-	-	0.03	0.02	0.04	0.01	0.01	-	0.02	-	0.12
340	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.11	0.39	0.78	1.10	1.08	0.76	0.26	0.05	0.09	-	4.63

## UGTB - Wind direction and Wind Gust speed (February, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 2.24%.

The maximum wind gust speed (61-65 knots) corresponds to Violent storm or Hurricane according to “Beaufort wind force scale” (frequency of occurrence 0.09%).

The directions of maximum wind gusts are 260°, 270°, 280°, 320° and 330°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

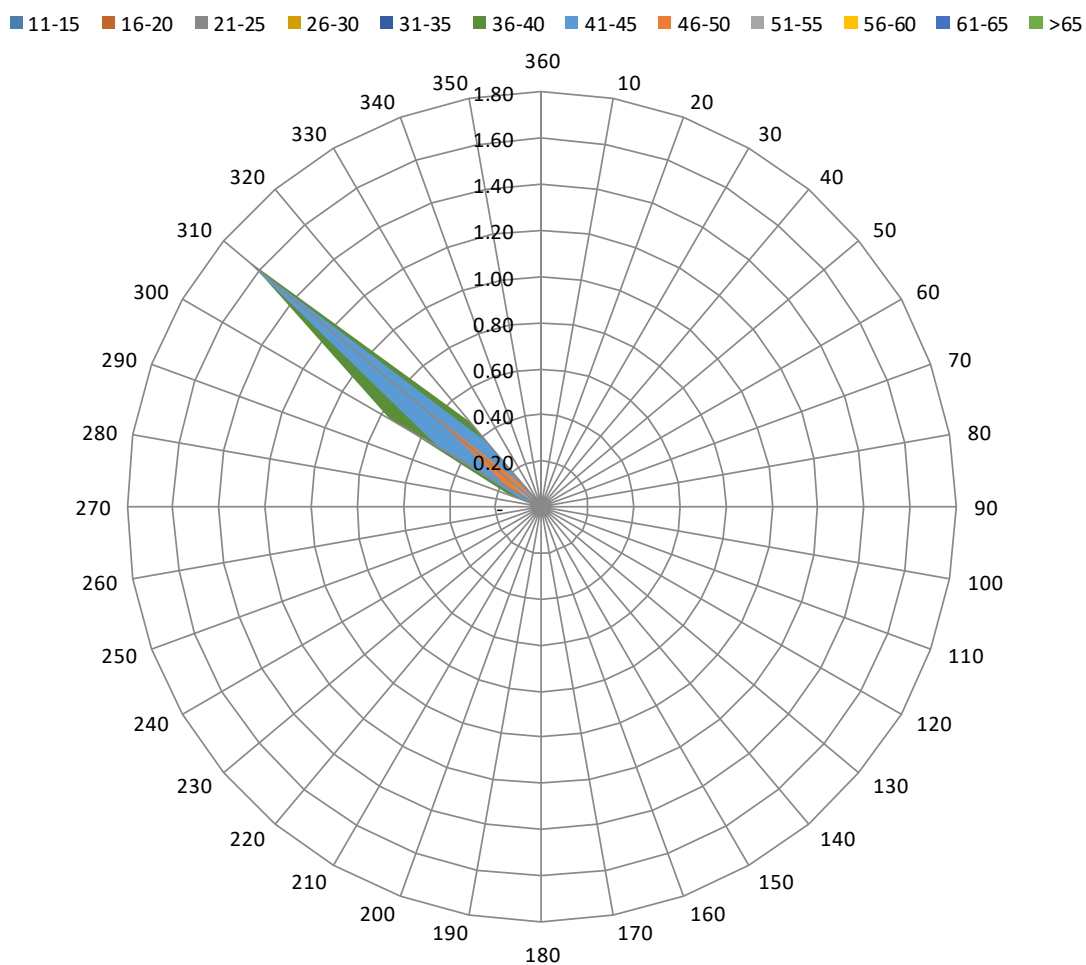
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
270	-	-	-	0.01	0.02	0.01	-	-	-	-	-	-	0.03
280	-	-	-	0.03	0.03	0.02	0.01	-	-	-	-	-	0.08
290	-	-	0.03	0.09	0.13	0.16	0.09	0.01	0.01	-	-	-	0.52
300	-	-	0.08	0.23	0.63	0.76	0.50	0.17	0.08	0.01	-	-	2.44
310	-	-	0.03	0.28	0.68	1.65	1.66	0.64	0.23	0.06	0.03	-	5.25
320	-	-	0.01	0.02	0.24	0.49	0.37	0.13	0.04	0.04	-	-	1.33
330	-	-	0.02	0.02	0.01	0.02	0.03	-	-	-	-	-	0.09
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	0.16	0.67	1.73	3.10	2.66	0.95	0.36	0.11	0.03	-	9.75

## UGTB - Wind direction and Wind Gust speed (March, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 4.10%.

The maximum wind gust speed (61-65 knots) corresponds to Violent storm or Hurricane according to “Beaufort wind force scale” (frequency of occurrence 0.03%).

The direction of maximum wind gusts is 310°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

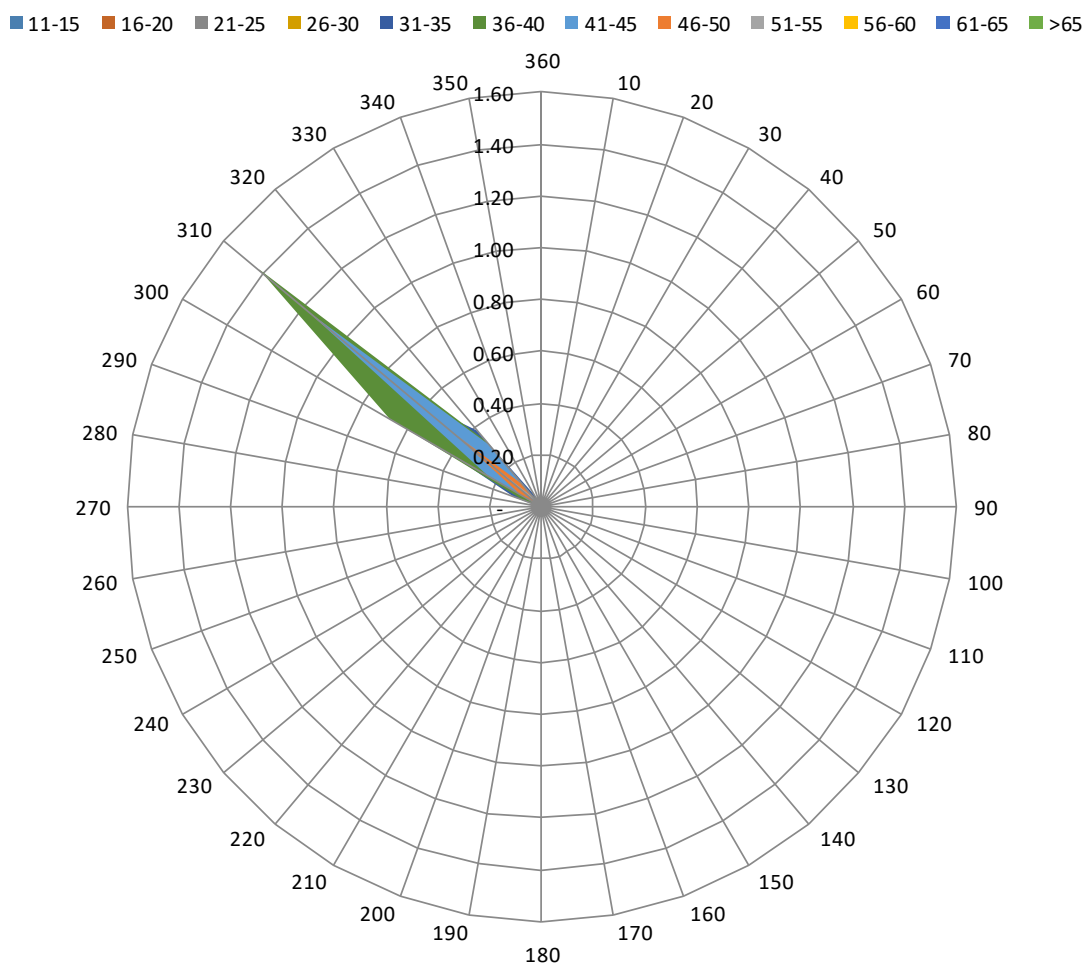
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
280	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
290	-	-	-	0.03	0.11	0.09	-	-	-	-	-	-	0.23
300	-	-	0.06	0.08	0.41	0.68	0.24	0.09	0.02	-	-	-	1.57
310	-	-	0.03	0.07	0.63	1.42	1.17	0.44	0.28	0.07	0.02	-	4.12
320	-	0.01	0.03	0.12	0.39	0.34	0.31	0.12	0.04	0.01	-	-	1.37
330	-	-	0.01	-	0.06	0.02	0.02	0.01	-	-	-	-	0.11
340	-	-	-	0.02	0.01	-	-	-	-	-	-	-	0.03
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.15	0.33	1.60	2.56	1.74	0.66	0.34	0.08	0.02	-	7.49

## UGTB - Wind direction and Wind Gust speed (April, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 2.83%.

The maximum wind gust speed (61-65 knots) corresponds to Violent storm or Hurricane according to “Beaufort wind force scale” (frequency of occurrence 0.02%).

The directions of maximum wind gusts are 310°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

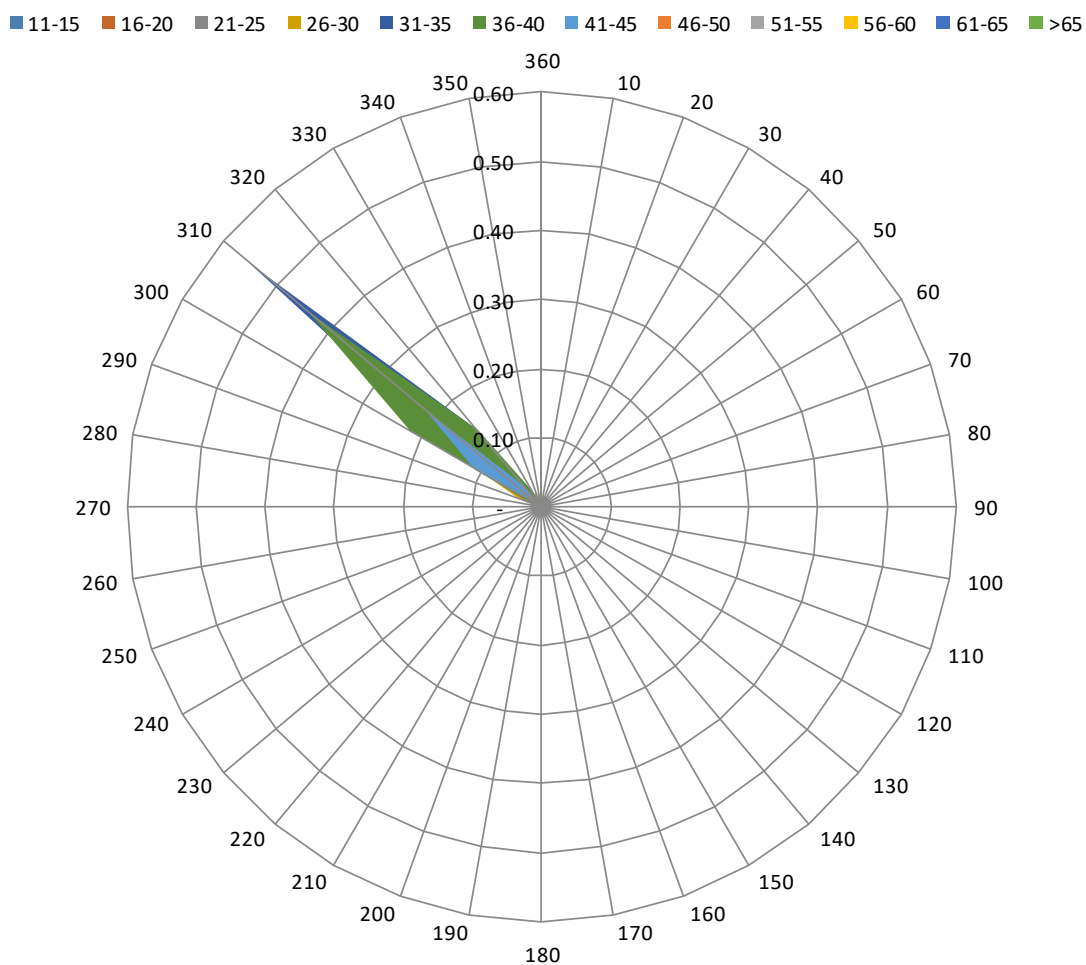
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	0.01	-	-	-	-	-	0.01
30	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	0.01	-	0.01	-	-	-	-	-	-	-	-	0.02
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
80	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
90	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
230	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
240	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	0.02	0.03	-	0.02	-	-	-	-	-	-	0.07
300	-	0.02	0.05	0.10	0.12	0.22	0.11	0.02	-	-	-	-	0.63
310	-	0.01	0.05	0.16	0.55	0.44	0.22	0.03	-	-	-	-	1.46
320	-	0.01	0.03	0.13	0.15	0.14	0.04	0.01	-	-	-	-	0.51
330	-	-	0.02	0.02	-	0.03	-	-	-	-	-	-	0.06
340	-	-	-	0.03	-	-	-	-	-	-	-	-	0.03
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.05	0.21	0.50	0.82	0.84	0.38	0.06	-	-	-	-	2.87



## UGTB - Wind direction and Wind Gust speed (May, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.44%.

The maximum wind gust speed (46-50 knots) corresponds to Strong gale or Storm according to “Beaufort wind force scale” (frequency of occurrence 0.06%).

The direction of maximum wind gusts is 300, 310 and 320°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

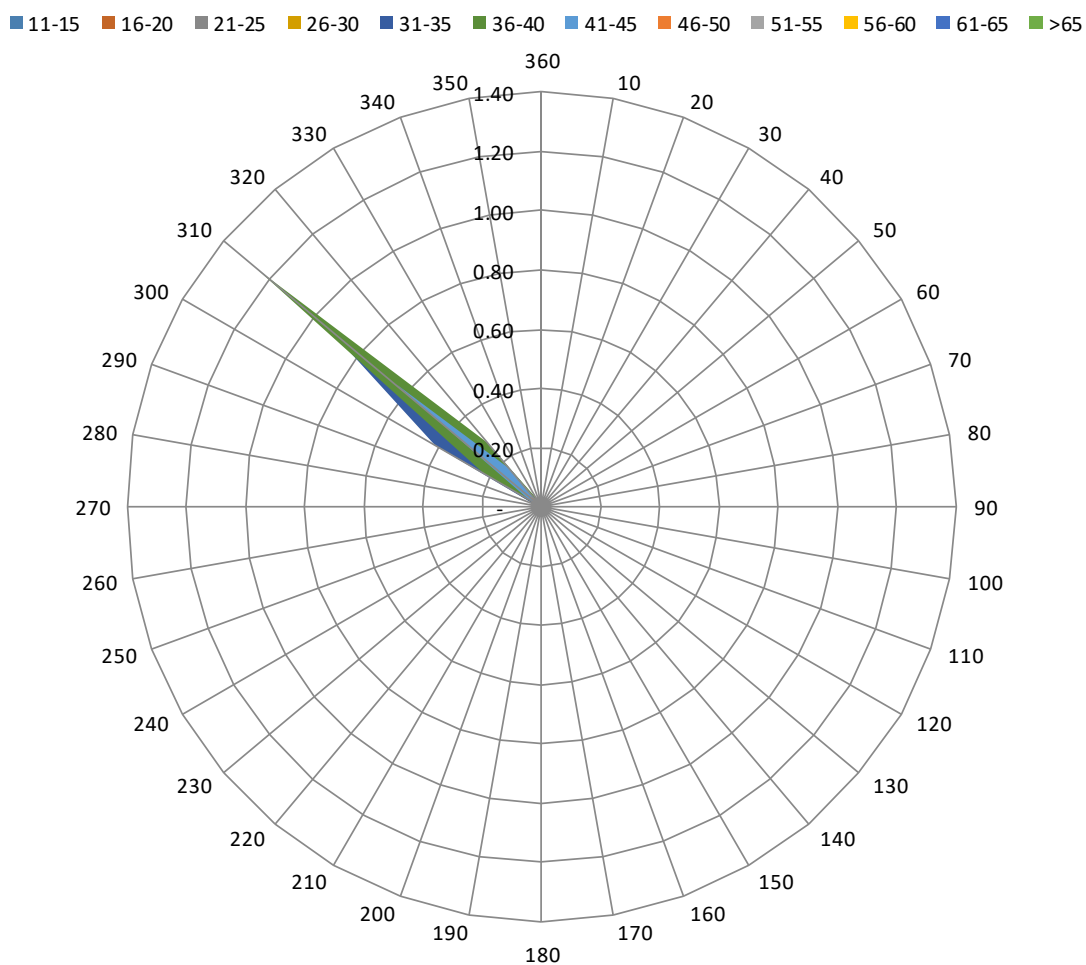
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
60	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
100	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
110	-	0.01	0.02	0.01	-	-	-	-	-	-	-	-	0.03
120	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
130	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
190	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
200	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
280	-	-	-	0.01	-	0.01	-	-	-	-	-	-	0.02
290	-	-	-	0.02	0.02	0.01	-	-	-	-	-	-	0.04
300	-	-	0.04	0.25	0.41	0.22	0.05	-	-	-	-	-	0.98
310	0.01	-	0.01	0.21	0.94	1.25	0.64	0.09	-	-	-	-	3.15
320	-	-	0.03	0.06	0.21	0.28	0.16	0.02	-	-	-	-	0.76
330	-	-	-	0.01	0.01	0.03	-	-	-	-	-	-	0.04
340	-	-	0.01	0.01	0.01	-	-	-	-	-	-	-	0.03
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.02	0.15	0.62	1.61	1.81	0.86	0.10	-	-	-	-	5.17

## UGTB - Wind direction and Wind Gust speed (June, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.96%.

The maximum wind gust speed (46-50 knots) corresponds to Strong gale or Storm according to “Beaufort wind force scale” (frequency of occurrence 0.10%).

The directions of maximum wind gusts are  $310^\circ$  and  $320^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

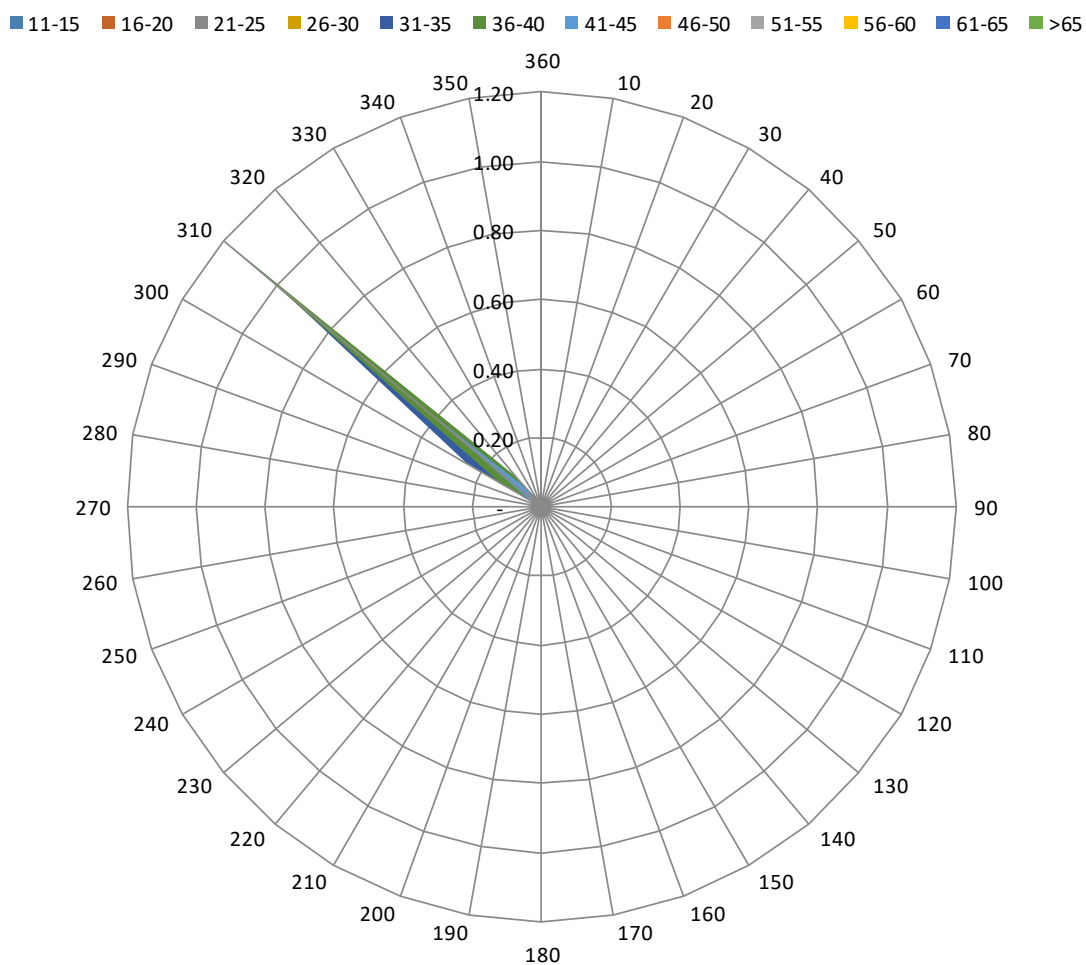
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
30	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
80	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
90	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
100	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
110	-	0.02	0.01	-	-	-	-	-	-	-	-	-	0.03
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	0.03	0.01	-	-	-	-	-	-	-	-	-	0.03
140	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
150	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
160	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
170	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	0.02	0.01	-	0.01	-	-	-	-	-	0.03
300	-	-	0.02	0.08	0.25	0.13	0.04	0.02	-	-	-	-	0.54
310	-	0.01	0.03	0.26	1.01	1.18	0.42	0.06	0.02	-	-	-	2.98
320	-	0.01	0.06	0.07	0.11	0.11	0.07	0.02	-	-	-	-	0.44
330	-	0.01	-	0.03	0.03	0.01	-	-	-	-	-	-	0.08
340	-	0.01	-	-	0.01	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.13	0.18	0.46	1.41	1.43	0.54	0.09	0.02	-	-	-	4.26

## UGTB - Wind direction and Wind Gust speed (July, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.65%.

The maximum wind gust speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence 0.02%).

The directions of maximum wind gusts is 310°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

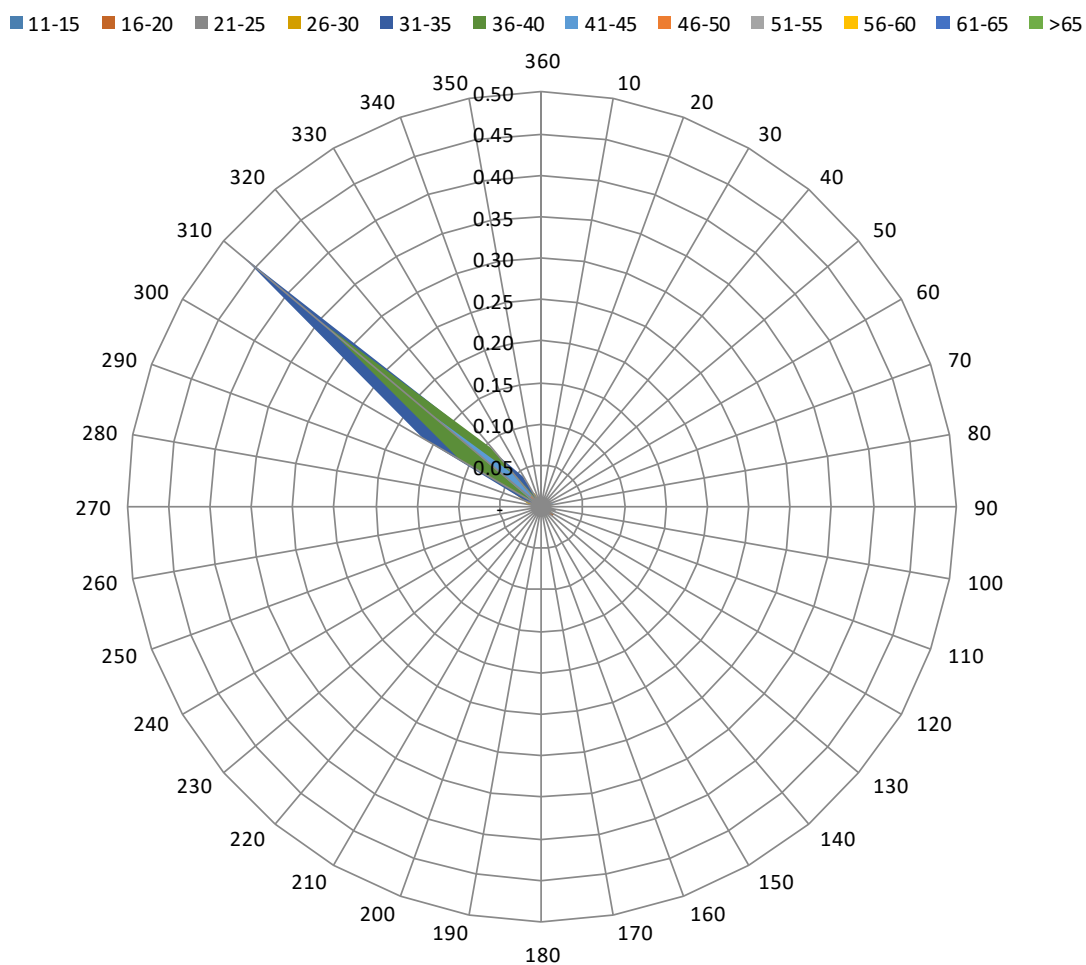
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	0.01
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	0.01	-	0.01	0.01	-	-	-	-	0.03
50	-	-	-	-	-	-	0.01	0.01	-	-	-	-	0.02
60	-	-	-	0.01	-	0.01	0.01	-	-	-	-	-	0.03
70	-	-	-	-	-	-	0.02	-	-	-	-	-	0.02
80	-	-	0.01	0.02	-	-	-	-	-	-	-	-	0.03
90	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
100	-	-	0.02	0.01	-	-	0.01	-	-	-	-	-	0.03
110	-	0.01	0.02	-	-	0.01	-	-	-	-	-	-	0.03
120	-	0.02	0.01	-	-	0.02	-	-	-	-	-	-	0.04
130	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
140	-	0.01	-	-	-	0.01	0.02	-	-	-	-	-	0.03
150	-	-	0.01	-	-	0.02	-	-	-	-	-	-	0.03
160	-	-	-	-	0.01	0.01	0.01	-	-	-	-	-	0.03
170	-	0.01	-	-	-	-	0.01	-	-	-	-	-	0.02
180	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
190	-	-	0.01	-	-	-	0.01	-	-	-	-	-	0.02
200	-	-	-	-	-	-	0.01	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
270	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
280	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
290	-	-	0.01	0.03	0.02	-	-	-	-	-	-	-	0.05
300	-	-	0.02	0.05	0.16	0.11	0.02	-	-	-	-	-	0.36
310	-	0.01	0.03	0.13	0.47	0.34	0.17	0.02	-	-	-	-	1.17
320	-	0.01	0.03	0.03	0.08	0.09	0.05	0.02	-	-	-	-	0.31
330	-	-	0.02	0.02	0.04	0.01	-	-	-	-	-	-	0.09
340	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
350	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
TOTAL	-	0.09	0.17	0.32	0.82	0.64	0.34	0.05	-	-	-	-	2.43

## UGTB - Wind direction and Wind Gust speed (August, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.39%.

The maximum wind gust speed (46-50 knots) corresponds to Strong gale or Storm according to “Beaufort wind force scale” (frequency of occurrence 0.05%).

The directions of maximum wind gusts are  $040^\circ$ ,  $050^\circ$ ,  $310^\circ$  and  $320^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

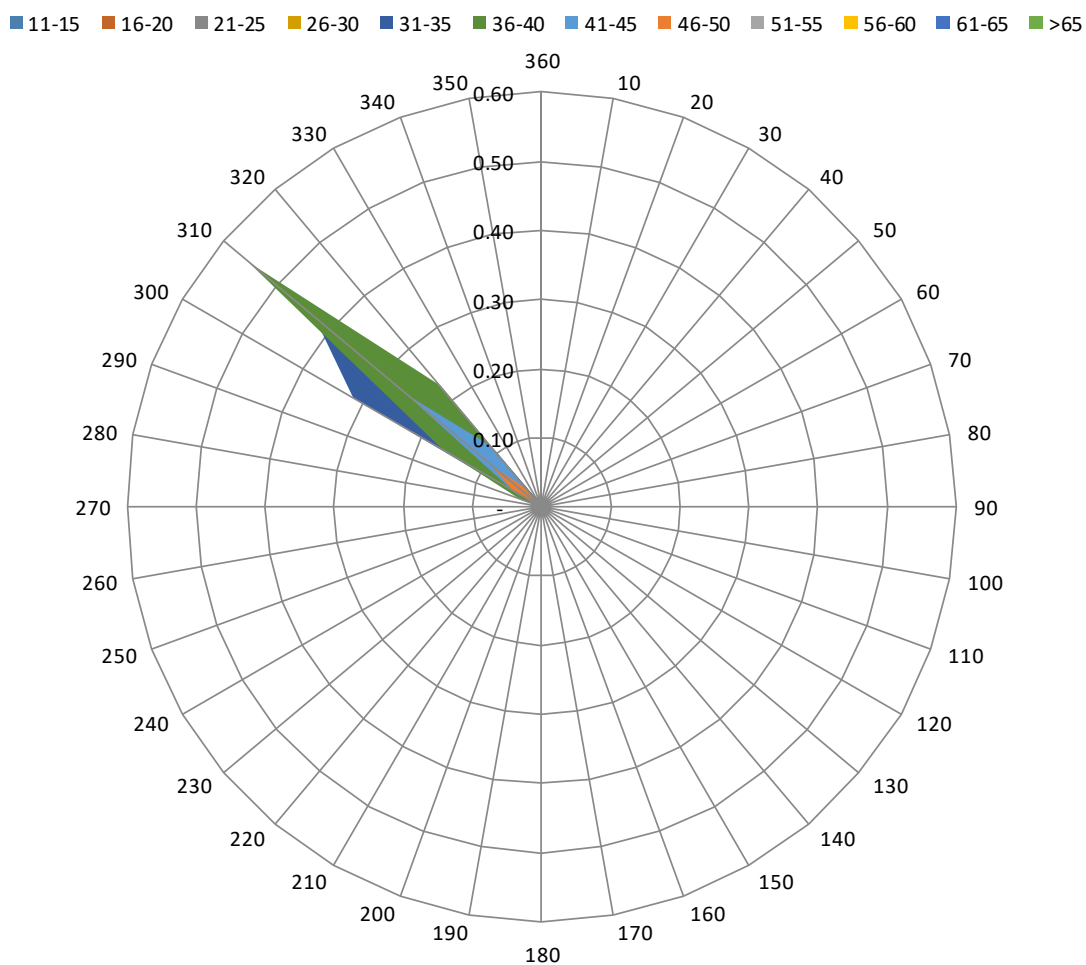
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	0.03	-	-	-	-	-	-	-	-	-	-	0.03
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
290	-	-	-	-	0.02	0.04	-	-	-	-	-	-	0.05
300	-	0.01	-	0.11	0.32	0.17	0.04	0.04	0.01	-	-	-	0.70
310	-	-	0.03	0.14	0.43	0.55	0.25	0.10	0.04	0.01	-	-	1.54
320	-	-	0.04	0.06	0.11	0.23	0.11	0.04	-	-	-	-	0.59
330	-	-	-	0.02	0.02	0.01	-	-	-	-	-	-	0.04
340	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
350	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.02
TOTAL	-	0.05	0.08	0.34	0.89	1.00	0.41	0.18	0.04	0.01	-	-	3.01



## UGTB - Wind direction and Wind Gust speed (September, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.64%.

The maximum wind gust speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence 0.01%).

The direction of maximum wind gusts is 310°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

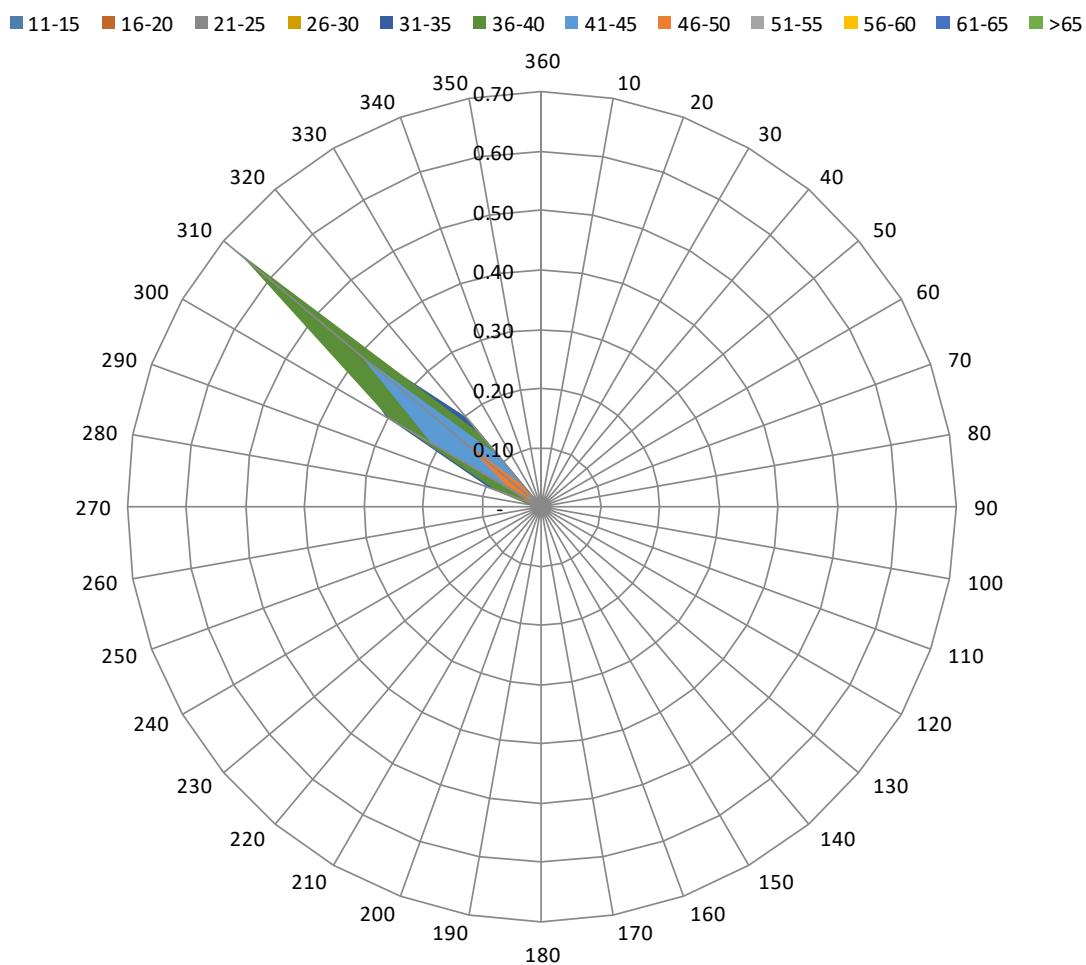
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	0.01	-	0.02	-	0.02	-	-	-	-	-	-	0.04
290	-	-	0.01	0.03	0.09	0.08	0.01	0.02	-	-	-	-	0.24
300	-	-	0.01	0.08	0.30	0.30	0.21	0.07	0.03	-	-	-	0.99
310	-	-	0.08	0.18	0.47	0.67	0.40	0.18	0.03	0.01	-	-	2.02
320	-	-	0.03	0.05	0.19	0.16	0.11	0.04	0.01	-	-	-	0.59
330	-	-	-	0.01	0.01	-	-	-	-	-	-	-	0.02
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.13	0.36	1.07	1.22	0.73	0.30	0.07	0.01	-	-	3.90

## UGTB - Wind direction and Wind Gust speed (October, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 1.11%.

The maximum wind gust speed (56-60 knots) corresponds to Violent Storm according to “Beaufort wind force scale” (frequency of occurrence 0.01%).

The direction of maximum wind gusts is 310°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

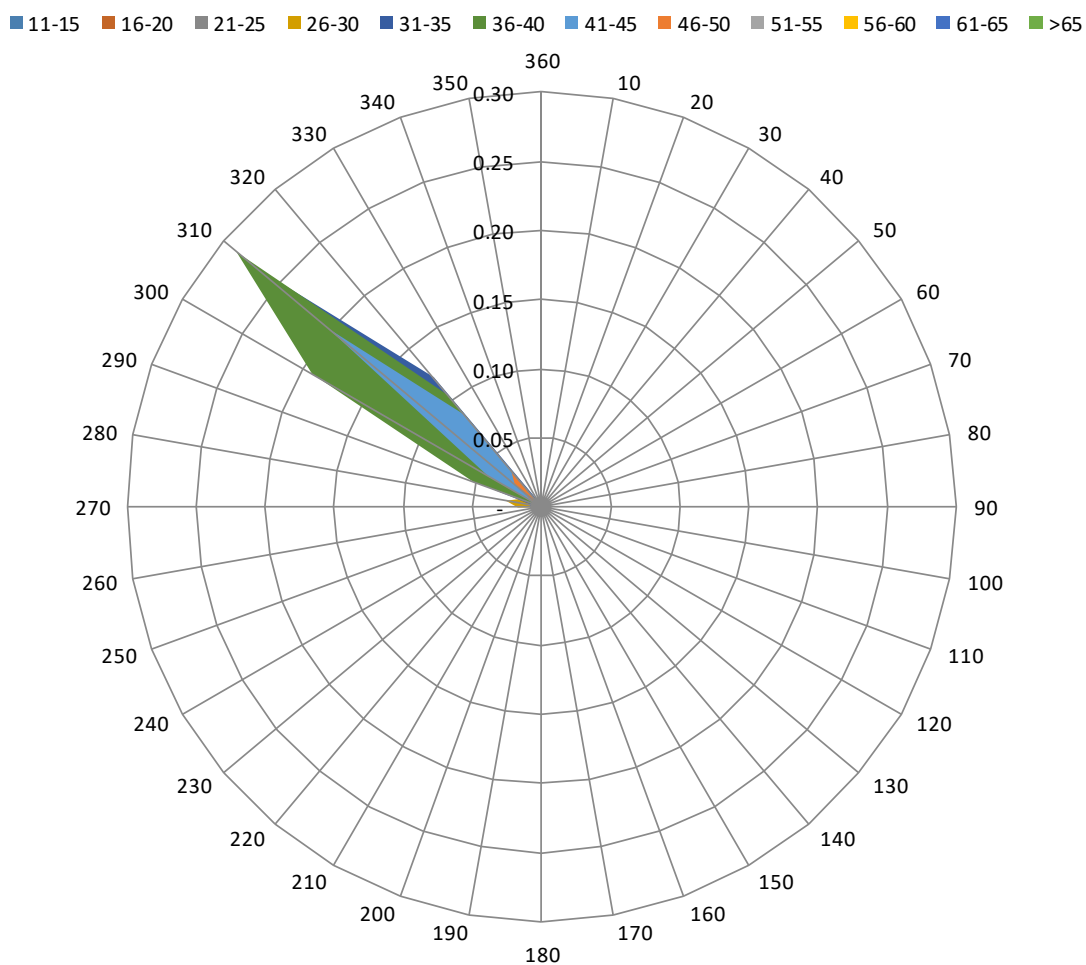
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
270	-	-	-	0.02	0.01	-	-	-	-	-	-	-	0.03
280	-	-	-	0.03	0.01	-	-	-	-	-	-	-	0.03
290	-	0.01	0.01	0.02	0.03	0.05	-	-	-	-	-	-	0.12
300	-	-	0.01	0.16	0.17	0.19	0.04	0.01	-	-	-	-	0.58
310	-	-	0.01	0.09	0.27	0.29	0.20	0.03	-	0.01	-	-	0.89
320	-	-	0.01	0.06	0.12	0.10	0.09	0.03	0.02	-	-	-	0.44
330	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.05	0.37	0.63	0.64	0.33	0.07	0.02	0.01	-	-	2.13

## UGTB - Wind direction and Wind Gust speed (November, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.43%.

The maximum wind gust speed (56-60 knots) corresponds to Violent Storm to “Beaufort wind force scale” (frequency of occurrence 0.01%).

The direction of maximum wind gusts is  $310^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

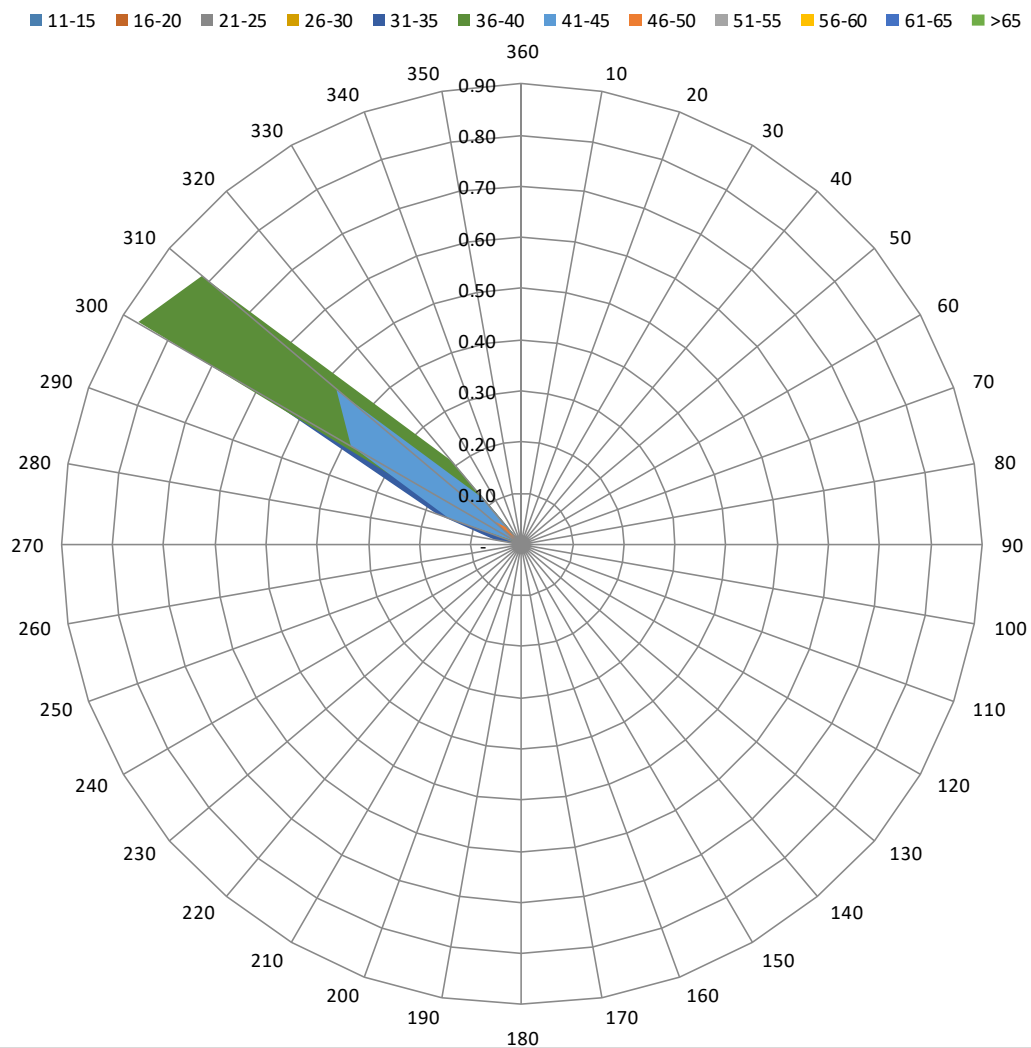
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
270	-	0.01	-	0.01	-	-	-	-	-	-	-	-	0.02
280	-	-	0.03	0.03	0.05	0.01	-	-	-	-	-	-	0.11
290	-	0.01	0.01	0.07	0.18	0.08	0.15	0.01	-	-	-	-	0.50
300	-	-	0.02	0.13	0.60	0.87	0.39	0.03	-	-	-	-	2.03
310	-	-	-	0.15	0.52	0.82	0.47	0.07	0.02	-	-	-	2.05
320	-	-	0.01	0.08	0.13	0.21	0.12	0.04	-	-	-	-	0.58
330	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.07	0.47	1.47	1.99	1.13	0.14	0.02	-	-	-	5.30

## UGTB - Wind direction and Wind Gust speed (December, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 1.29%.

The maximum wind gust speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence 0.02%).

The direction of maximum wind gusts is  $310^\circ$ .

# WIND SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 34656

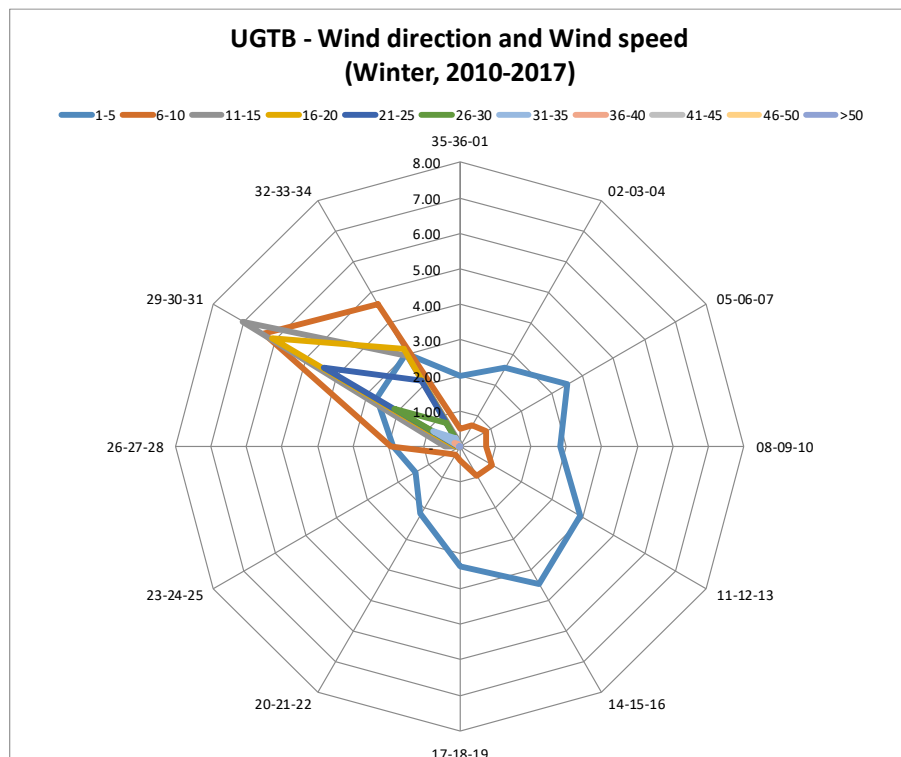
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												9.44
VARIABLE	6.74	0.04	-	-	-	-	-	-	-	-	-	6.78
35-36-01	2.00	0.52	0.07	0.02	0.01	-	-	-	-	-	-	2.61
02-03-04	2.55	0.69	0.01	-	-	-	-	-	-	-	-	3.24
05-06-07	3.51	0.84	0.03	0.00	-	-	-	-	-	-	-	4.38
08-09-10	2.82	0.73	0.05	-	-	-	-	-	-	-	-	3.60
11-12-13	3.92	1.07	0.03	-	-	-	-	-	-	-	-	5.01
14-15-16	4.47	0.96	0.01	-	-	-	-	-	-	-	-	5.45
17-18-19	3.36	0.39	0.00	-	-	-	-	-	-	-	-	3.75
20-21-22	2.19	0.25	0.01	0.00	-	-	-	-	-	-	-	2.45
23-24-25	1.43	0.38	0.02	0.01	0.00	-	-	-	-	-	-	1.85
26-27-28	1.88	1.95	0.43	0.13	0.06	0.01	0.01	0.01	0.00	0.01	0.01	4.52
29-30-31	2.71	6.38	7.06	6.08	4.41	2.12	0.87	0.19	0.03	0.00	-	29.84
32-33-34	3.03	4.63	2.96	3.16	2.13	0.78	0.26	0.09	0.02	0.01	0.00	17.07
TOTAL	40.60	18.83	10.69	9.40	6.60	2.91	1.13	0.29	0.05	0.03	0.02	100



**CALM**  
9.44%

**VARIABLE**  
6.78%

The prevailing wind directions of 290°-340° frequency of occurrence is 46.91%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 59.43%).

The maximum wind of >50 knots is observed within the 260°-280° and 320°-340° sectors (frequency of occurrence 0.02%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 35328

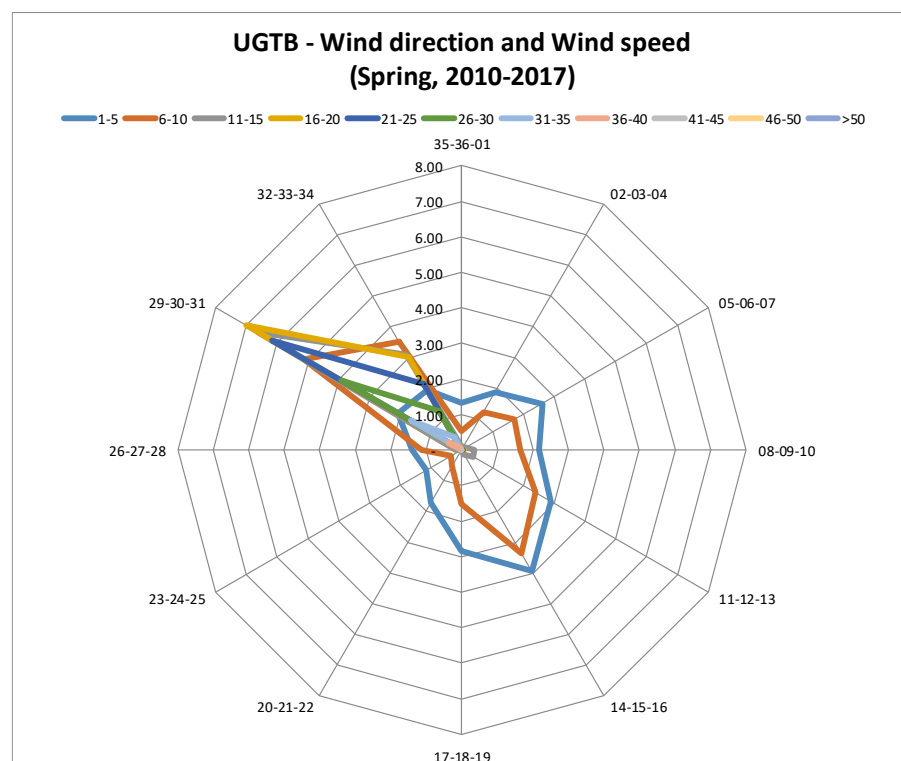
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												5.53
VARIABLE	7.47	0.29	0.01	0.00	-	-	-	-	-	-	-	7.77
35-36-01	1.34	0.53	0.11	0.02	-	0.00	-	-	-	-	-	2.01
02-03-04	1.87	1.25	0.07	0.02	-	-	0.00	-	-	-	-	3.21
05-06-07	2.62	1.72	0.14	0.01	0.01	-	-	-	-	-	-	4.50
08-09-10	2.17	1.63	0.36	0.04	0.01	-	-	-	-	-	-	4.21
11-12-13	2.89	2.39	0.38	0.02	-	-	-	-	-	-	-	5.68
14-15-16	3.94	3.34	0.13	-	-	-	-	-	-	-	-	7.41
17-18-19	2.85	1.53	0.01	-	-	-	-	-	-	-	-	4.40
20-21-22	1.72	0.54	0.03	-	0.00	-	-	-	-	-	-	2.29
23-24-25	1.15	0.34	0.02	0.01	-	-	-	-	-	-	-	1.51
26-27-28	1.41	1.15	0.18	0.06	0.03	0.01	-	-	-	-	-	2.83
29-30-31	2.08	5.13	6.62	7.00	6.18	3.90	1.68	0.43	0.08	0.03	-	33.13
32-33-34	1.97	3.50	3.11	3.01	2.14	1.27	0.42	0.08	0.02	-	-	15.53
TOTAL	33.49	23.34	11.16	10.20	8.36	5.18	2.10	0.51	0.11	0.03	-	100



**CALM**  
5.53%

**VARIABLE**  
7.77%

The prevailing wind directions of 290°-340° frequency of occurrence is 48.66%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 56.83%).

The maximum wind of 46-50 knots is observed within the 290°-310° sector (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 35328

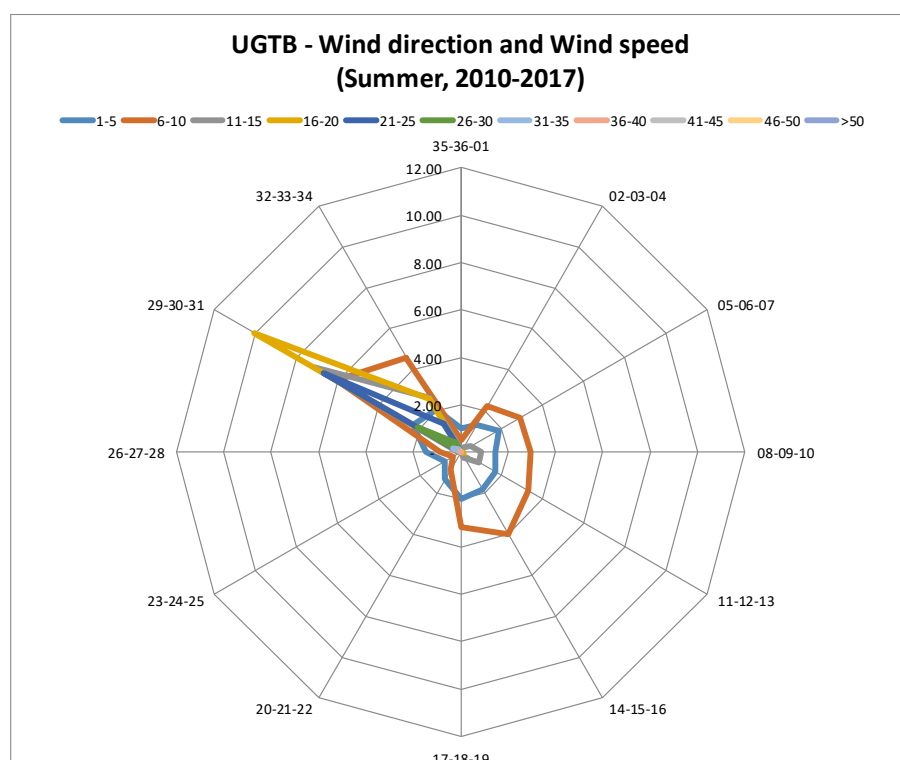
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												3.03
VARIABLE	7.91	1.07	0.04	0.01	-	0.00	-	-	-	-	-	9.03
35-36-01	1.02	0.51	0.11	0.03	0.00	-	-	-	-	-	-	1.67
02-03-04	1.33	2.25	0.25	0.06	0.01	0.00	-	-	-	-	-	3.89
05-06-07	1.84	2.91	0.50	0.01	0.01	-	-	-	-	-	-	5.27
08-09-10	1.48	2.94	0.86	0.07	0.00	-	-	-	-	-	-	5.35
11-12-13	1.72	3.28	0.87	0.12	-	-	-	-	-	-	-	5.99
14-15-16	1.85	4.02	0.28	0.01	-	-	-	-	-	-	-	6.16
17-18-19	1.97	3.16	0.06	0.00	-	-	-	-	-	-	-	5.20
20-21-22	1.33	0.83	0.02	0.01	-	-	-	-	-	-	-	2.18
23-24-25	0.75	0.39	0.03	0.01	-	-	-	-	-	-	-	1.17
26-27-28	1.49	0.87	0.12	0.03	0.01	-	-	-	-	-	-	2.52
29-30-31	2.31	6.05	7.12	10.06	6.66	2.08	0.36	0.02	-	-	-	34.66
32-33-34	2.07	4.59	2.63	2.59	1.41	0.49	0.11	0.01	-	-	-	13.89
TOTAL	27.07	32.85	12.88	13.00	8.10	2.57	0.47	0.03	-	-	-	100



**CALM**  
3.03%

**VARIABLE**  
9.03%

The prevailing wind directions of 290°-340° frequency of occurrence is 48.55%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 59.92%);

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 34944

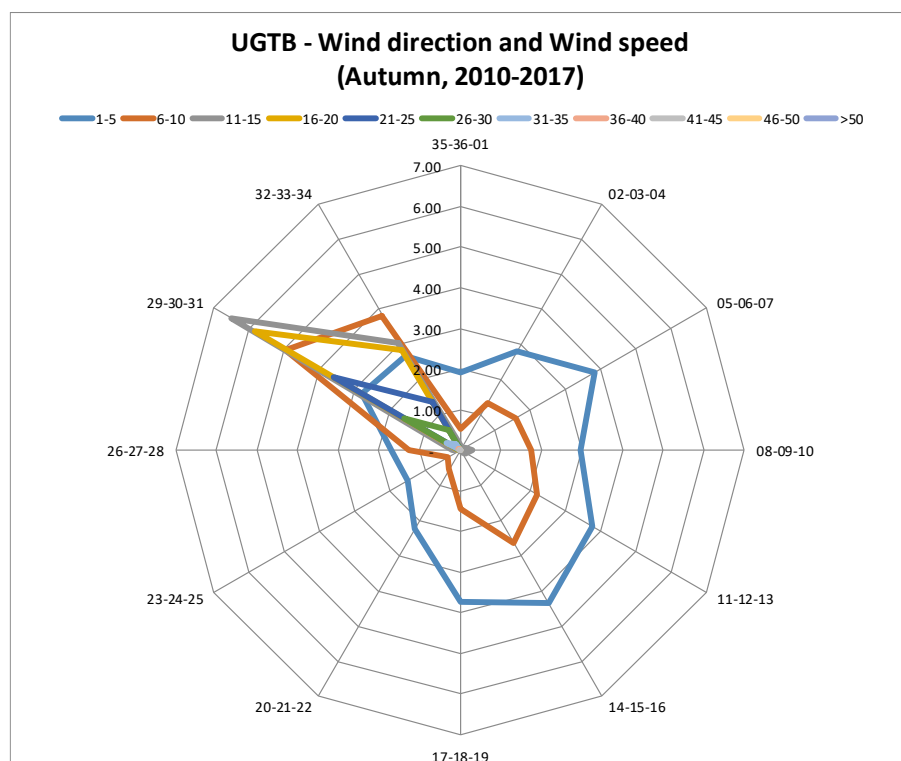
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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												7.25
VARIABLE	8.57	0.30	0.00	-	-	-	-	-	-	-	-	8.87
35-36-01	1.90	0.51	0.11	0.01	-	0.00	-	-	-	-	-	2.54
02-03-04	2.82	1.34	0.03	-	-	-	-	-	-	-	-	4.20
05-06-07	3.83	1.60	0.15	0.01	-	-	-	-	-	-	-	5.59
08-09-10	2.98	1.75	0.31	0.01	-	-	-	-	-	-	-	5.06
11-12-13	3.76	2.20	0.16	0.01	-	-	-	-	-	-	-	6.12
14-15-16	4.36	2.63	0.06	-	-	-	-	-	-	-	-	7.05
17-18-19	3.74	1.46	-	-	-	-	-	-	-	-	-	5.20
20-21-22	2.25	0.54	0.01	-	-	-	-	-	-	-	-	2.80
23-24-25	1.48	0.35	0.01	-	-	-	-	-	-	-	-	1.84
26-27-28	1.70	1.27	0.20	0.04	0.01	0.01	-	-	-	-	-	3.22
29-30-31	2.80	4.96	6.52	5.83	3.58	1.59	0.38	0.06	0.01	-	-	25.72
32-33-34	2.67	3.83	3.05	2.84	1.38	0.57	0.18	0.03	-	-	-	14.54
TOTAL	42.86	22.72	10.61	8.77	4.97	2.16	0.56	0.09	0.01	-	-	100



**CALM**  
7.25%

**VARIABLE**  
8.87%

The prevailing wind directions of 290°-340° frequency of occurrence is 40.26%.

The most frequent wind speed is up to 10 knots, which corresponds to the Light breeze or Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 65.58%);

The maximum wind of 41-45 knots is observed within the 290°-310° sectors (frequency of occurrence 0.01%).

# WIND GUST SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 34656

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

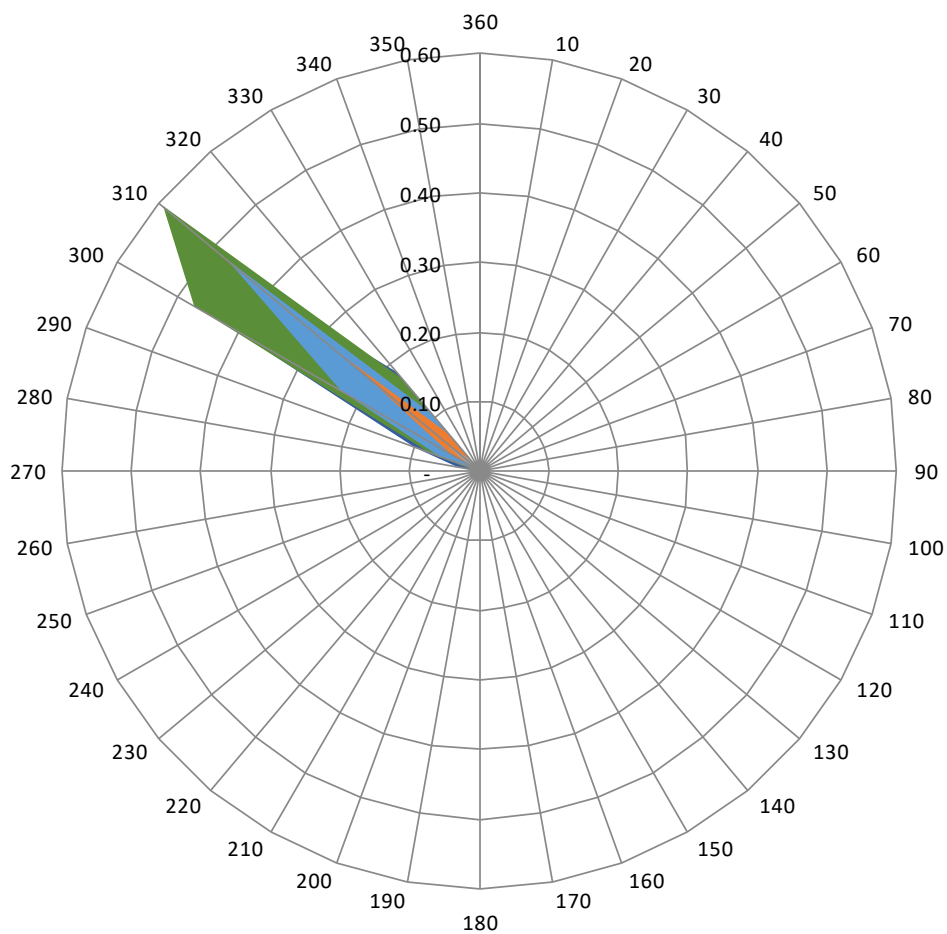
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	0.00	0.00	-	-	-	-	0.00	-	0.00	0.00	-	0.01
270	-	0.00	-	0.01	-	0.01	0.01	0.01	0.00	-	0.01	-	0.04
280	-	0.00	0.01	0.01	0.03	0.01	0.01	0.00	-	0.00	0.01	-	0.08
290	-	0.00	0.00	0.06	0.10	0.07	0.06	0.00	0.01	0.00	-	-	0.31
300	0.00	-	0.05	0.13	0.42	0.47	0.23	0.04	0.02	-	-	-	1.36
310	-	-	0.01	0.14	0.40	0.59	0.47	0.25	0.06	0.01	-	-	1.93
320	-	-	0.01	0.05	0.19	0.18	0.11	0.07	0.02	-	0.00	-	0.63
330	-	0.01	-	0.00	0.01	0.01	0.01	0.01	0.00	-	0.01	-	0.05
340	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.00	0.02	0.08	0.41	1.14	1.34	0.90	0.39	0.11	0.01	0.03	-	4.43

## UGTB - Wind direction and Wind Gust speed (Winter, 2010-2017)

■ 11-15  
 ■ 16-20  
 ■ 21-25  
 ■ 26-30  
 ■ 31-35  
 ■ 36-40  
 ■ 41-45  
 ■ 46-50  
 ■ 51-55  
 ■ 56-60  
 ■ 61-65  
 ■ >65



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 1.43%.

The maximum wind gust speed (61-65 knots) corresponds to Violent storm and Hurricane according to “Beaufort wind force scale” (frequency of occurrence 0.03%).

The directions of maximum wind gusts are 260°, 270°, 280°, 320° and 330°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 35328

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

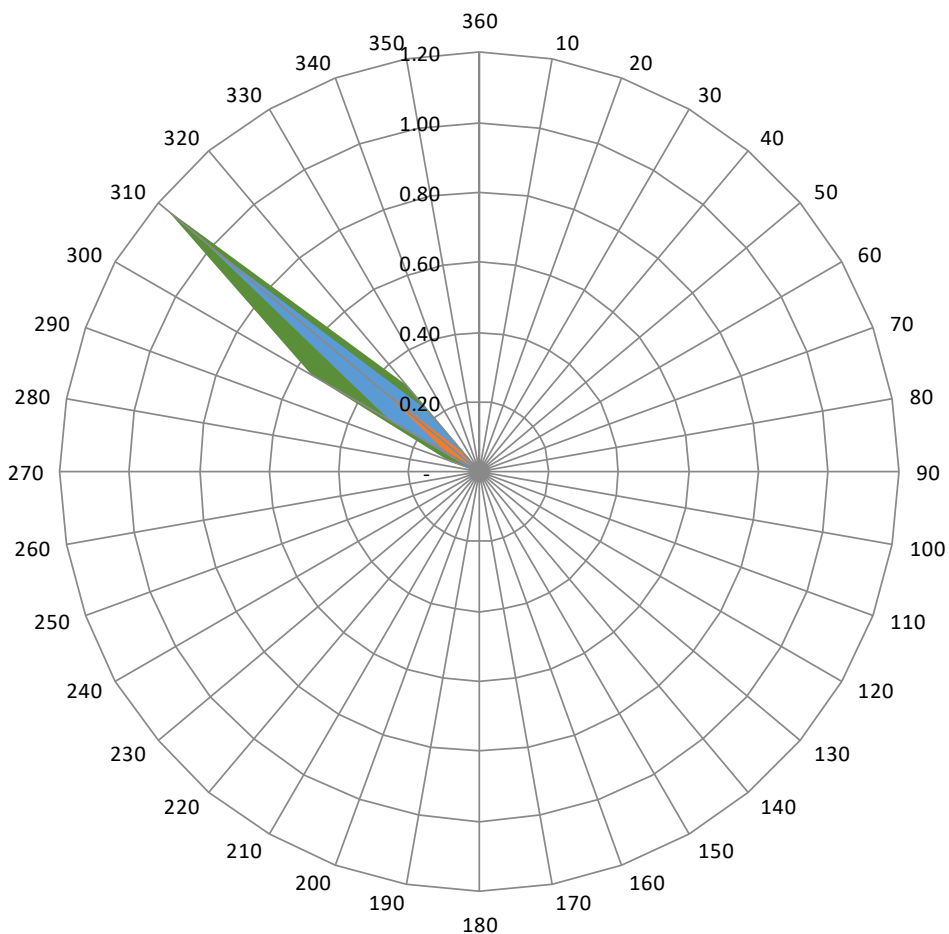
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	0.00	-	-	-	-	-	0.00
30	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	0.00	-	0.00	-	-	-	-	-	-	-	-	0.01
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.01
80	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
90	0.00	-	-	-	-	-	-	-	-	-	-	-	0.00
100	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
110	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
180	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
230	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
240	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
270	-	-	-	0.01	0.01	0.00	-	-	-	-	-	-	0.01
280	-	-	-	0.01	0.01	0.01	0.00	-	-	-	-	-	0.03
290	-	-	0.01	0.05	0.08	0.09	0.03	0.00	0.00	-	-	-	0.27
300	-	0.01	0.06	0.14	0.38	0.55	0.29	0.09	0.03	0.00	-	-	1.55
310	-	0.00	0.04	0.17	0.62	1.17	1.02	0.37	0.17	0.04	0.01	-	3.61
320	-	0.01	0.02	0.09	0.26	0.32	0.24	0.08	0.03	0.02	-	-	1.07
330	-	-	0.01	0.01	0.02	0.02	0.02	0.00	-	-	-	-	0.09
340	-	-	-	0.01	0.00	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.00	0.02	0.17	0.50	1.38	2.17	1.60	0.55	0.23	0.06	0.01	-	6.71

## UGTB - Wind direction and Wind Gust speed (Spring, 2010-2017)

■ 11-15  
 ■ 16-20  
 ■ 21-25  
 ■ 26-30  
 ■ 31-35  
 ■ 36-40  
 ■ 41-45  
 ■ 46-50  
 ■ 51-55  
 ■ 56-60  
 ■ 61-65  
 ■ >65



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 2.46%.

The maximum wind speed (61-65 knots) corresponds to Violent storm and Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is  $310^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGTB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 35328

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

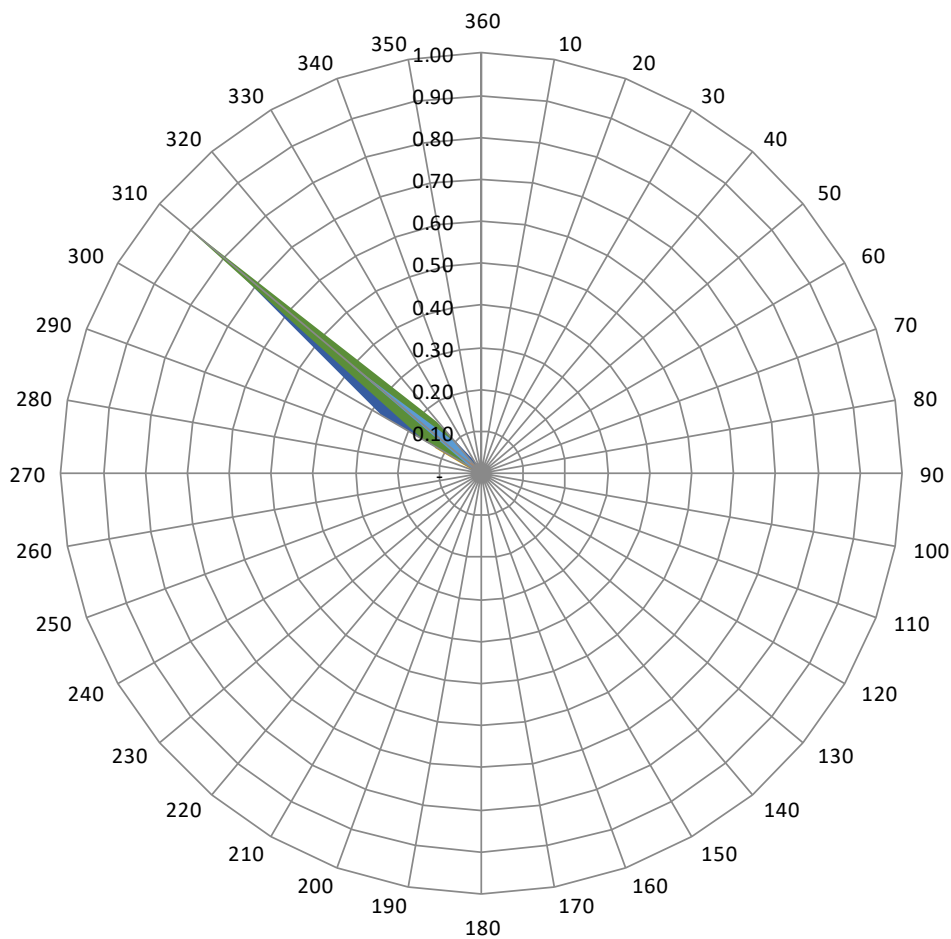
ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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
10	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
20	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	0.00	0.00	-	-	-	-	-	-	-	0.01
40	-	-	-	-	0.00	-	0.00	0.00	-	-	-	-	0.01
50	-	-	0.00	-	-	-	0.00	0.00	-	-	-	-	0.01
60	-	-	-	0.00	-	0.01	0.00	-	-	-	-	-	0.01
70	-	0.00	-	-	-	-	0.01	-	-	-	-	-	0.01
80	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.01
90	-	0.01	-	0.00	-	-	-	-	-	-	-	-	0.01
100	-	-	0.01	0.00	-	-	0.00	-	-	-	-	-	0.02
110	-	0.01	0.01	0.00	-	0.00	-	-	-	-	-	-	0.03
120	-	0.01	0.00	0.00	-	0.01	-	-	-	-	-	-	0.02
130	-	0.01	0.00	0.01	-	-	-	-	-	-	-	-	0.02
140	-	0.01	-	-	-	0.00	0.01	-	-	-	-	-	0.01
150	-	0.00	0.00	-	-	0.01	-	-	-	-	-	-	0.01
160	-	0.00	-	-	0.00	0.00	0.00	-	-	-	-	-	0.01
170	-	0.01	-	-	-	-	0.00	-	-	-	-	-	0.01
180	-	0.00	-	-	0.00	-	-	-	-	-	-	-	0.01
190	-	-	0.00	0.00	-	-	0.00	-	-	-	-	-	0.01
200	-	-	0.01	-	-	-	0.00	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	0.00	-	-	-	-	-	-	0.00
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
260	-	-	-	-	0.00	-	-	-	-	-	-	-	0.00
270	-	-	0.00	-	0.00	-	-	-	-	-	-	-	0.01
280	-	-	-	0.01	-	0.00	-	-	-	-	-	-	0.01
290	-	-	0.00	0.02	0.01	0.00	0.00	-	-	-	-	-	0.04
300	-	-	0.03	0.12	0.28	0.16	0.04	0.01	-	-	-	-	0.62
310	0.00	0.01	0.02	0.20	0.81	0.93	0.41	0.05	0.01	-	-	-	2.44
320	-	0.01	0.04	0.05	0.13	0.16	0.09	0.02	-	-	-	-	0.50
330	-	0.00	0.01	0.02	0.03	0.01	-	-	-	-	-	-	0.07
340	-	0.00	0.00	0.01	0.01	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	0.00	-	-	-	-	-	-	0.00
TOTAL	0.00	0.08	0.16	0.47	1.28	1.30	0.58	0.08	0.01	-	-	-	3.96



## UGTB - Wind direction and Wind Gust speed (Summer, 2010-2017)

■ 11-15  
 ■ 16-20  
 ■ 21-25  
 ■ 26-30  
 ■ 31-35  
 ■ 36-40  
 ■ 41-45  
 ■ 46-50  
 ■ 51-55  
 ■ 56-60  
 ■ 61-65  
 ■ >65



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.67%.

The maximum wind speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The directions of maximum wind gusts is 310°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 34944

OBSERVATION INTERVAL: 30 MIN.

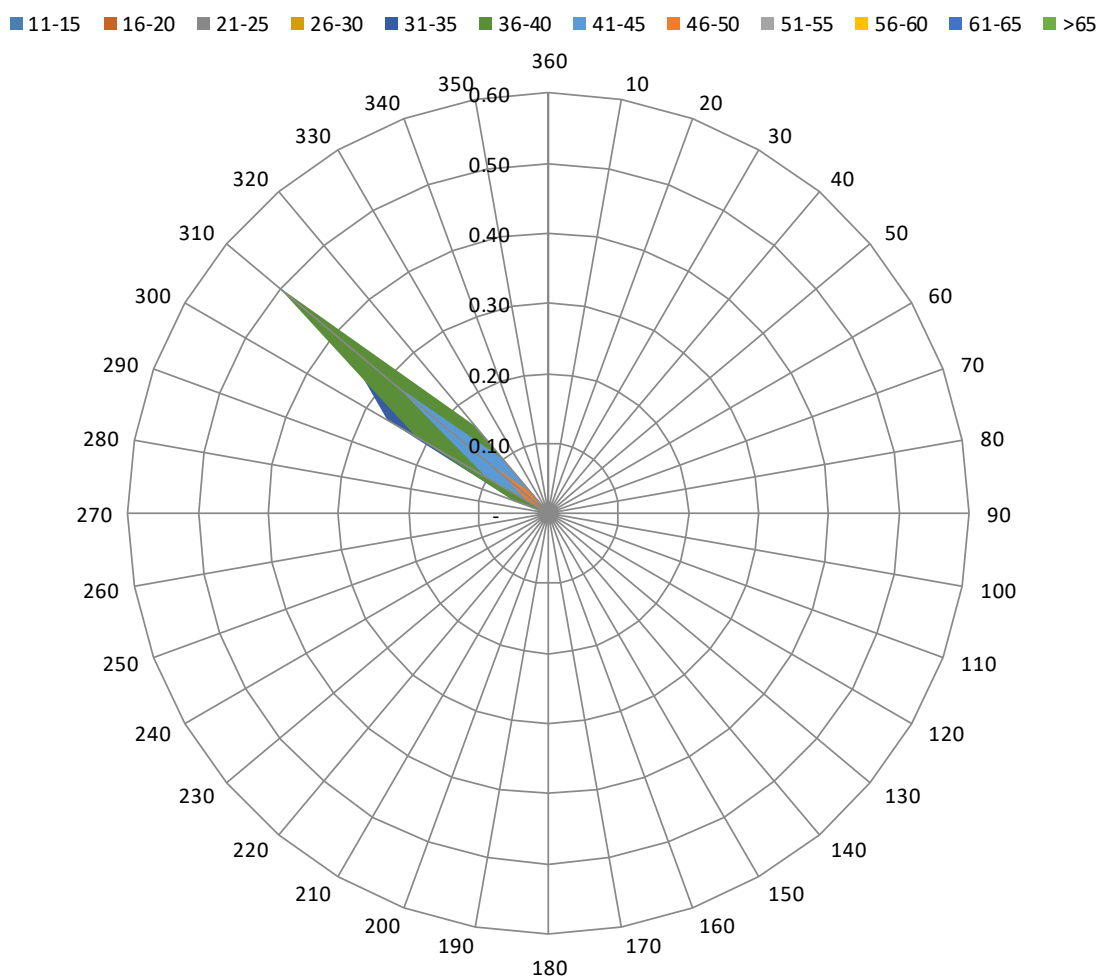
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.01
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
270	-	-	-	0.01	0.00	-	-	-	-	-	-	-	0.01
280	-	0.00	-	0.01	0.01	0.01	-	-	-	-	-	-	0.03
290	-	0.00	0.01	0.02	0.05	0.05	0.00	0.01	-	-	-	-	0.14
300	-	0.00	0.01	0.12	0.27	0.22	0.10	0.04	0.01	-	-	-	0.76
310	-	-	0.04	0.14	0.39	0.50	0.29	0.10	0.02	0.01	-	-	1.49
320	-	-	0.03	0.06	0.14	0.16	0.10	0.04	0.01	-	-	-	0.54
330	-	-	-	0.01	0.01	0.00	-	-	-	-	-	-	0.02
340	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
350	-	-	0.00	0.00	-	-	-	-	-	-	-	-	0.01
TOTAL	-	0.02	0.09	0.36	0.86	0.95	0.49	0.18	0.04	0.01	-	-	3.02

## UGTB - Wind direction and Wind Gust speed (Autumn, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.73%.

The maximum wind speed (56-60 knots) corresponds to Violent Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 310°.

# TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL E

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

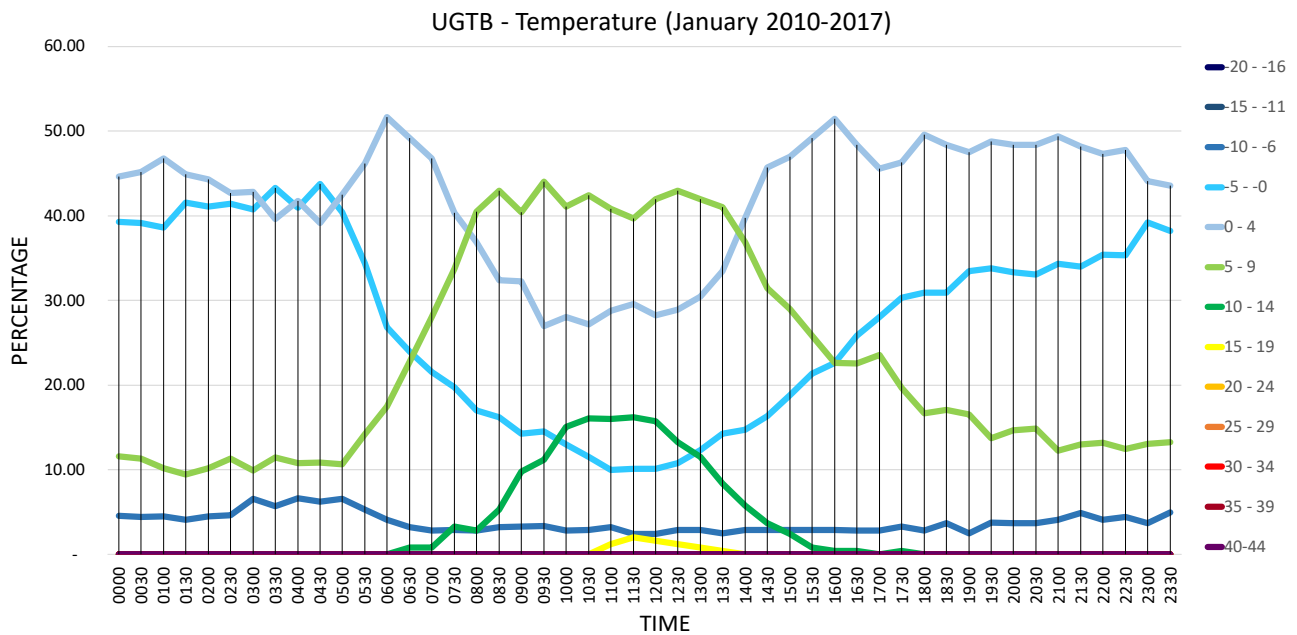
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	4.55	39.26	44.63	11.57	-	-	-	-	-	-	-
0030	-	-	4.44	39.11	45.16	11.29	-	-	-	-	-	-	-
0100	-	-	4.47	38.62	46.75	10.16	-	-	-	-	-	-	-
0130	-	-	4.12	41.56	44.86	9.47	-	-	-	-	-	-	-
0200	-	-	4.47	41.06	44.31	10.16	-	-	-	-	-	-	-
0230	-	-	4.60	41.42	42.68	11.30	-	-	-	-	-	-	-
0300	-	-	6.58	40.74	42.80	9.88	-	-	-	-	-	-	-
0330	-	-	5.71	43.27	39.59	11.43	-	-	-	-	-	-	-
0400	-	-	6.61	40.91	41.74	10.74	-	-	-	-	-	-	-
0430	-	-	6.25	43.75	39.17	10.83	-	-	-	-	-	-	-
0500	-	-	6.53	40.41	42.45	10.61	-	-	-	-	-	-	-
0530	-	-	5.26	34.41	46.15	14.17	-	-	-	-	-	-	-
0600	-	-	4.07	26.83	51.63	17.48	-	-	-	-	-	-	-
0630	-	-	3.25	23.98	49.19	22.76	0.81	-	-	-	-	-	-
0700	-	-	2.85	21.54	46.75	28.05	0.81	-	-	-	-	-	-
0730	-	-	2.88	19.75	40.33	33.74	3.29	-	-	-	-	-	-
0800	-	-	2.83	17.00	36.84	40.49	2.83	-	-	-	-	-	-
0830	-	-	3.24	16.19	32.39	42.91	5.26	-	-	-	-	-	-
0900	-	-	3.27	14.29	32.24	40.41	9.80	-	-	-	-	-	-
0930	-	-	3.32	14.52	26.97	43.98	11.20	-	-	-	-	-	-
1000	-	-	2.85	13.01	28.05	41.06	15.04	-	-	-	-	-	-
1030	-	-	2.88	11.52	27.16	42.39	16.05	-	-	-	-	-	-
1100	-	-	3.20	10.00	28.80	40.80	16.00	1.20	-	-	-	-	-
1130	-	-	2.43	10.12	29.55	39.68	16.19	2.02	-	-	-	-	-
1200	-	-	2.42	10.08	28.23	41.94	15.73	1.61	-	-	-	-	-
1230	-	-	2.89	10.74	28.93	42.98	13.22	1.24	-	-	-	-	-
1300	-	-	2.88	12.35	30.45	41.98	11.52	0.82	-	-	-	-	-
1330	-	-	2.51	14.23	33.47	41.00	8.37	0.42	-	-	-	-	-
1400	-	-	2.87	14.75	39.75	36.89	5.74	-	-	-	-	-	-
1430	-	-	2.86	16.33	45.71	31.43	3.67	-	-	-	-	-	-
1500	-	-	2.86	18.78	46.94	28.98	2.45	-	-	-	-	-	-
1530	-	-	2.87	21.31	49.18	25.82	0.82	-	-	-	-	-	-
1600	-	-	2.88	22.63	51.44	22.63	0.41	-	-	-	-	-	-
1630	-	-	2.82	25.81	48.39	22.58	0.40	-	-	-	-	-	-
1700	-	-	2.85	28.05	45.53	23.58	-	-	-	-	-	-	-
1730	-	-	3.28	30.33	46.31	19.67	0.41	-	-	-	-	-	-
1800	-	-	2.85	30.89	49.59	16.67	-	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	3.66	30.89	48.37	17.07	-	-	-	-	-	-	-
1900	-	-	2.48	33.47	47.52	16.53	-	-	-	-	-	-	-
1930	-	-	3.75	33.75	48.75	13.75	-	-	-	-	-	-	-
2000	-	-	3.66	33.33	48.37	14.63	-	-	-	-	-	-	-
2030	-	-	3.72	33.06	48.35	14.88	-	-	-	-	-	-	-
2100	-	-	4.08	34.29	49.39	12.24	-	-	-	-	-	-	-
2130	-	-	4.86	34.01	48.18	12.96	-	-	-	-	-	-	-
2200	-	-	4.12	35.39	47.33	13.17	-	-	-	-	-	-	-
2230	-	-	4.42	35.34	47.79	12.45	-	-	-	-	-	-	-
2300	-	-	3.67	39.18	44.08	13.06	-	-	-	-	-	-	-
2330	-	-	4.98	38.17	43.57	13.28	-	-	-	-	-	-	-
MEAN	-	-	3.77	27.49	42.00	23.25	3.34	0.15	-	-	-	-	-

Min temperature -10° to -6° (time 0300 UTC) – 6.58%

Max temperature 15° to 19° (time 1130 UTC) – 2.02%

Mean dominating temperature 0° to 4° – 42.00%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

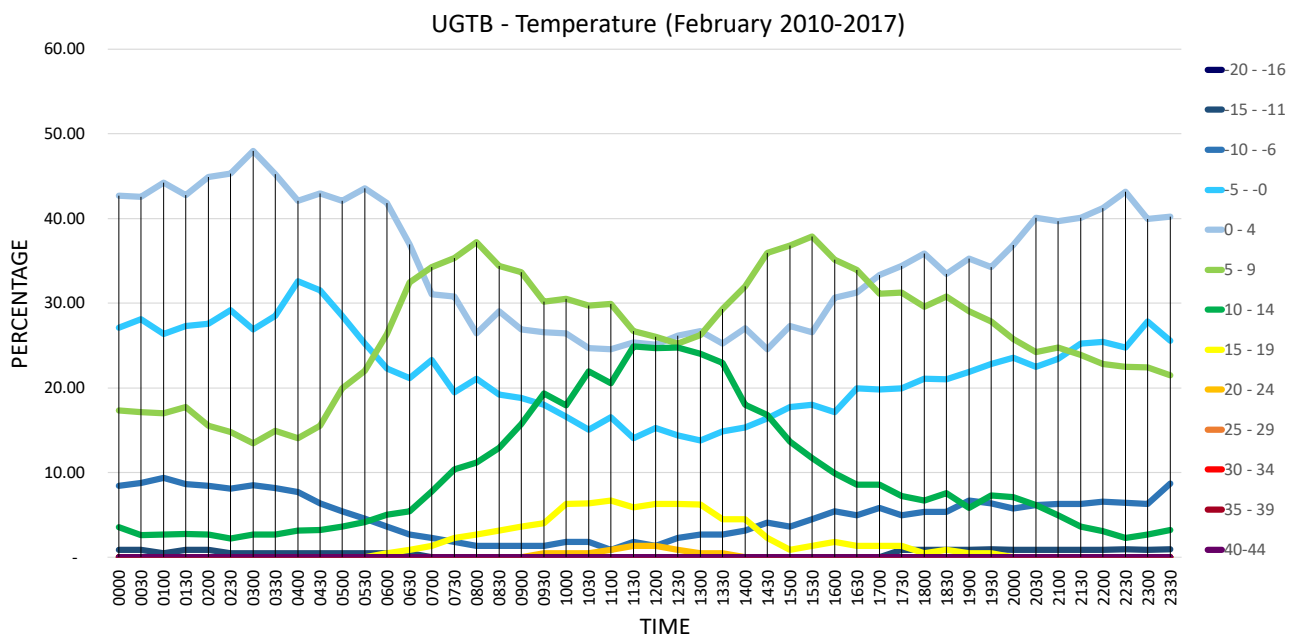
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	0.89	8.44	27.11	42.67	17.33	3.56	-	-	-	-	-	-
0030	-	0.88	8.77	28.07	42.54	17.11	2.63	-	-	-	-	-	-
0100	-	0.45	9.38	26.34	44.20	16.96	2.68	-	-	-	-	-	-
0130	-	0.91	8.64	27.27	42.73	17.73	2.73	-	-	-	-	-	-
0200	-	0.89	8.44	27.56	44.89	15.56	2.67	-	-	-	-	-	-
0230	-	0.45	8.07	29.15	45.29	14.80	2.24	-	-	-	-	-	-
0300	-	0.45	8.52	26.91	47.98	13.45	2.69	-	-	-	-	-	-
0330	-	0.45	8.14	28.51	45.25	14.93	2.71	-	-	-	-	-	-
0400	-	0.45	7.69	32.58	42.08	14.03	3.17	-	-	-	-	-	-
0430	-	0.46	6.39	31.51	42.92	15.53	3.20	-	-	-	-	-	-
0500	-	0.45	5.43	28.51	42.08	19.91	3.62	-	-	-	-	-	-
0530	-	0.46	4.59	25.23	43.58	22.02	4.13	-	-	-	-	-	-
0600	-	0.45	3.64	22.27	41.82	26.36	5.00	0.45	-	-	-	-	-
0630	-	0.45	2.70	21.17	36.94	32.43	5.41	0.90	-	-	-	-	-
0700	-	-	2.28	23.29	31.05	34.25	7.76	1.37	-	-	-	-	-
0730	-	-	1.81	19.46	30.77	35.29	10.41	2.26	-	-	-	-	-
0800	-	-	1.35	21.08	26.46	37.22	11.21	2.69	-	-	-	-	-
0830	-	-	1.34	19.20	29.02	34.38	12.95	3.13	-	-	-	-	-
0900	-	-	1.35	18.83	26.91	33.63	15.70	3.59	-	-	-	-	-
0930	-	-	1.35	18.02	26.58	30.18	19.37	4.05	0.45	-	-	-	-
1000	-	-	1.79	16.59	26.46	30.49	17.94	6.28	0.45	-	-	-	-
1030	-	-	1.83	15.07	24.66	29.68	21.92	6.39	0.46	-	-	-	-
1100	-	-	0.89	16.52	24.55	29.91	20.54	6.70	0.89	-	-	-	-
1130	-	-	1.81	14.03	25.34	26.70	24.89	5.88	1.36	-	-	-	-
1200	-	-	1.35	15.25	25.11	26.01	24.66	6.28	1.35	-	-	-	-
1230	-	-	2.25	14.41	26.13	25.23	24.77	6.31	0.90	-	-	-	-
1300	-	-	2.67	13.78	26.67	26.22	24.00	6.22	0.44	-	-	-	-
1330	-	-	2.70	14.86	25.23	29.28	22.97	4.50	0.45	-	-	-	-
1400	-	-	3.15	15.32	27.03	31.98	18.02	4.50	-	-	-	-	-
1430	-	-	4.09	16.36	24.55	35.91	16.82	2.27	-	-	-	-	-
1500	-	-	3.64	17.73	27.27	36.82	13.64	0.91	-	-	-	-	-
1530	-	-	4.50	18.02	26.58	37.84	11.71	1.35	-	-	-	-	-
1600	-	-	5.41	17.12	30.63	35.14	9.91	1.80	-	-	-	-	-
1630	-	-	4.98	19.91	31.22	33.94	8.60	1.36	-	-	-	-	-
1700	-	-	5.86	19.82	33.33	31.08	8.56	1.35	-	-	-	-	-
1730	-	0.90	4.98	19.91	34.39	31.22	7.24	1.36	-	-	-	-	-
1800	-	0.90	5.38	21.08	35.87	29.60	6.73	0.45	-	-	-	-	-

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	0.89	5.36	20.98	33.48	30.80	7.59	0.89	-	-	-	-	-
1900	-	0.89	6.70	21.88	35.27	29.02	5.80	0.45	-	-	-	-	-
1930	-	0.91	6.39	22.83	34.25	27.85	7.31	0.46	-	-	-	-	-
2000	-	0.89	5.78	23.56	36.89	25.78	7.11	-	-	-	-	-	-
2030	-	0.88	6.17	22.47	40.09	24.23	6.17	-	-	-	-	-	-
2100	-	0.90	6.31	23.42	39.64	24.77	4.95	-	-	-	-	-	-
2130	-	0.90	6.31	25.23	40.09	23.87	3.60	-	-	-	-	-	-
2200	-	0.88	6.58	25.44	41.23	22.81	3.07	-	-	-	-	-	-
2230	-	0.92	6.42	24.77	43.12	22.48	2.29	-	-	-	-	-	-
2300	-	0.90	6.28	27.80	39.91	22.42	2.69	-	-	-	-	-	-
2330	-	0.91	8.68	25.57	40.18	21.46	3.20	-	-	-	-	-	-
MEAN	-	0.41	4.93	21.91	34.89	26.37	9.59	1.75	0.14	-	-	-	-

Min temperature -15° to -11° (time 2230 UTC) – each 0.92%

Max temperature 20° to 24° (time 1130 UTC) – 1.36%

Mean dominating temperature 0° to 4° – 34.89%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL E

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	6.69	32.22	54.81	6.28	-	-	-	-	-	-
0030	-	-	-	7.32	33.33	52.44	6.91	-	-	-	-	-	-
0100	-	-	-	8.91	33.60	51.42	6.07	-	-	-	-	-	-
0130	-	-	-	9.05	34.16	51.85	4.94	-	-	-	-	-	-
0200	-	-	-	9.80	35.51	49.39	5.31	-	-	-	-	-	-
0230	-	-	-	10.66	35.25	50.82	3.28	-	-	-	-	-	-
0300	-	-	-	11.16	36.36	49.59	2.89	-	-	-	-	-	-
0330	-	-	-	11.43	37.96	46.94	3.67	-	-	-	-	-	-
0400	-	-	-	9.39	35.92	50.61	4.08	-	-	-	-	-	-
0430	-	-	-	7.85	31.40	53.72	7.02	-	-	-	-	-	-
0500	-	-	-	5.26	26.72	58.30	9.72	-	-	-	-	-	-
0530	-	-	-	2.05	25.00	58.61	14.34	-	-	-	-	-	-
0600	-	-	-	0.83	23.24	54.36	21.16	0.41	-	-	-	-	-
0630	-	-	-	0.82	19.34	53.50	24.69	1.65	-	-	-	-	-
0700	-	-	-	0.41	18.52	43.21	33.74	4.12	-	-	-	-	-
0730	-	-	-	0.41	13.17	41.15	39.51	5.76	-	-	-	-	-
0800	-	-	-	0.41	9.05	40.33	39.92	10.29	-	-	-	-	-
0830	-	-	-	0.41	9.39	34.69	43.27	12.24	-	-	-	-	-
0900	-	-	-	-	8.06	32.66	43.95	15.32	-	-	-	-	-
0930	-	-	-	-	7.41	31.28	41.56	18.52	1.23	-	-	-	-
1000	-	-	-	0.41	6.22	28.63	41.49	20.75	2.49	-	-	-	-
1030	-	-	-	0.41	4.96	26.86	41.74	22.31	3.72	-	-	-	-
1100	-	-	-	0.42	5.00	25.42	42.08	22.50	4.58	-	-	-	-
1130	-	-	-	-	6.56	23.36	41.80	24.59	3.69	-	-	-	-
1200	-	-	-	-	6.56	23.77	40.57	25.00	4.10	-	-	-	-
1230	-	-	-	0.41	7.38	24.59	38.93	24.59	4.10	-	-	-	-
1300	-	-	-	0.41	6.97	25.82	38.52	25.41	2.87	-	-	-	-
1330	-	-	-	0.41	8.20	26.64	38.93	23.36	2.46	-	-	-	-
1400	-	-	-	0.41	10.33	30.99	36.78	19.83	1.65	-	-	-	-
1430	-	-	-	0.41	13.28	30.71	36.93	17.43	1.24	-	-	-	-
1500	-	-	-	0.41	15.77	31.95	39.00	12.45	0.41	-	-	-	-
1530	-	-	-	0.41	16.73	37.14	36.73	8.98	-	-	-	-	-
1600	-	-	-	0.81	19.11	39.43	34.15	6.50	-	-	-	-	-
1630	-	-	-	1.64	20.08	43.44	33.20	1.64	-	-	-	-	-
1700	-	-	-	2.07	21.16	47.72	28.22	0.83	-	-	-	-	-
1730	-	-	-	2.06	22.22	50.62	24.28	0.82	-	-	-	-	-
1800	-	-	-	2.45	22.45	51.43	22.45	1.22	-	-	-	-	-

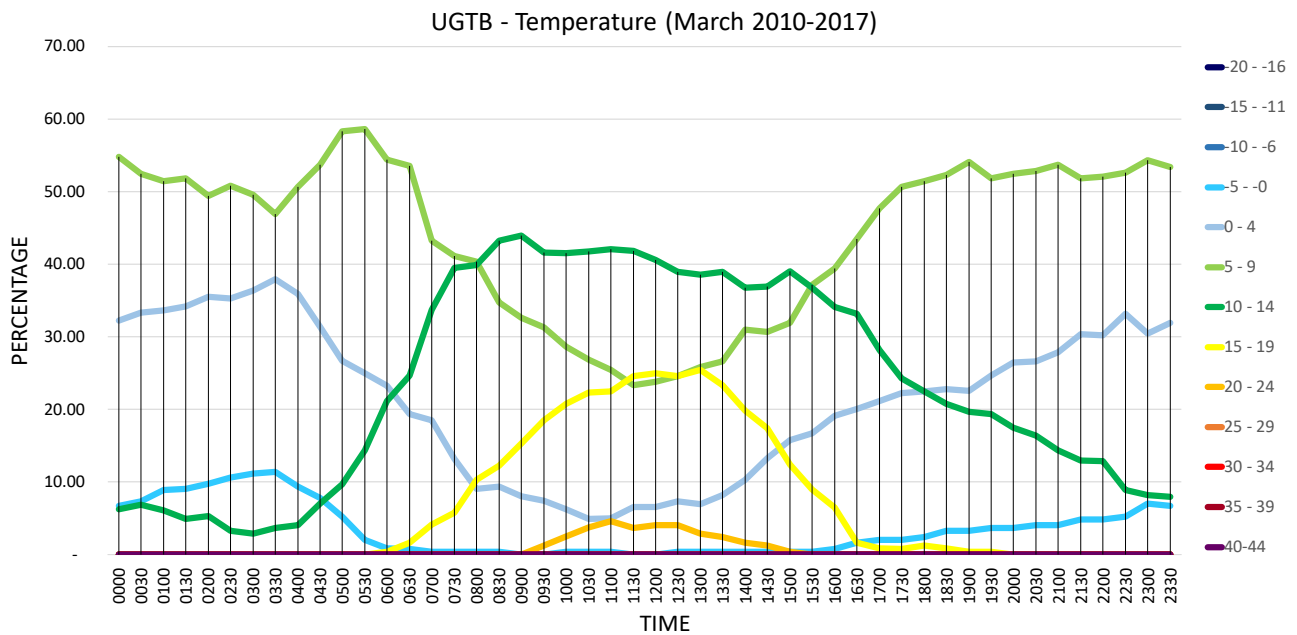


FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
1830	-	-	-	3.32	22.82	52.28	20.75	0.83	-	-	-	-	-
1900	-	-	-	3.28	22.54	54.10	19.67	0.41	-	-	-	-	-
1930	-	-	-	3.70	24.69	51.85	19.34	0.41	-	-	-	-	-
2000	-	-	-	3.66	26.42	52.44	17.48	-	-	-	-	-	-
2030	-	-	-	4.10	26.64	52.87	16.39	-	-	-	-	-	-
2100	-	-	-	4.10	27.87	53.69	14.34	-	-	-	-	-	-
2130	-	-	-	4.86	30.36	51.82	12.96	-	-	-	-	-	-
2200	-	-	-	4.84	30.24	52.02	12.90	-	-	-	-	-	-
2230	-	-	-	5.26	33.20	52.63	8.91	-	-	-	-	-	-
2300	-	-	-	7.00	30.45	54.32	8.23	-	-	-	-	-	-
2330	-	-	-	6.72	31.93	53.36	7.98	-	-	-	-	-	-
MEAN	-	-	-	3.48	21.37	43.95	23.69	6.84	0.68	-	-	-	-

Min temperature -5° to -0° (time 0330 UTC) – 11.43%

Max temperature 20° to 24° (time 1100 UTC) – 4.58%

Mean dominating temperature 5° to 9° – 43.95%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL E

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

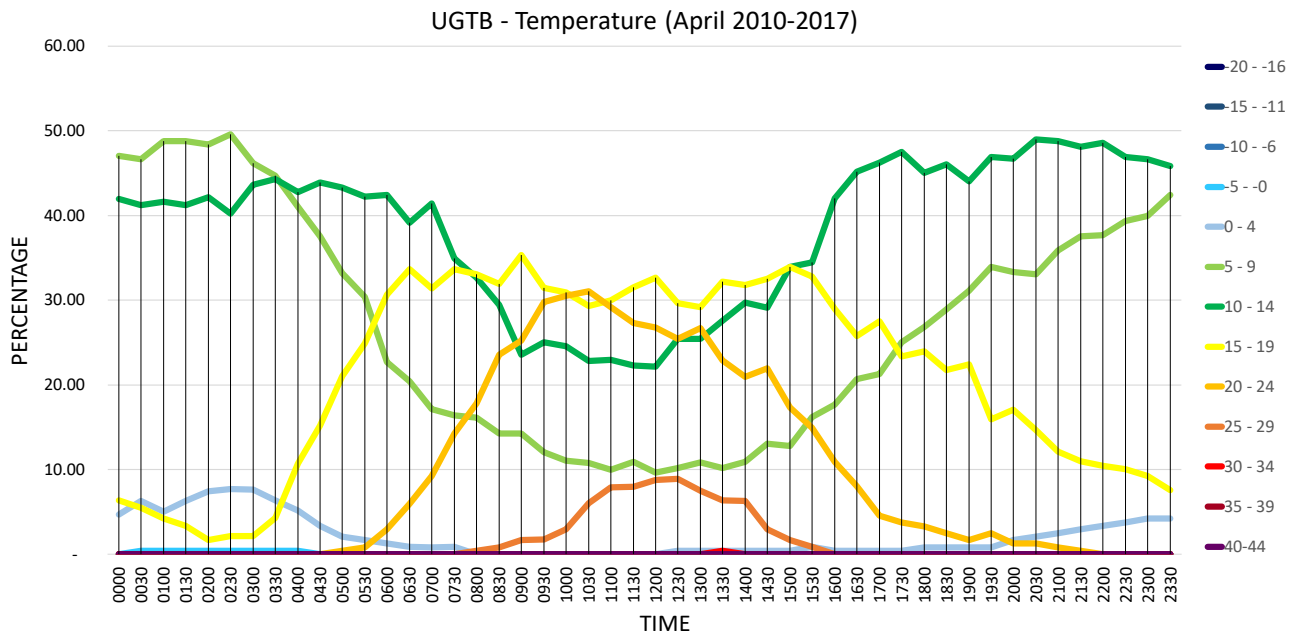
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	4.66	47.03	41.95	6.36	-	-	-	-	-	
0030	-	-	-	0.42	6.30	46.64	41.18	5.46	-	-	-	-	-	
0100	-	-	-	0.42	5.04	48.74	41.60	4.20	-	-	-	-	-	
0130	-	-	-	0.42	6.30	48.74	41.18	3.36	-	-	-	-	-	
0200	-	-	-	0.41	7.44	48.35	42.15	1.65	-	-	-	-	-	
0230	-	-	-	0.43	7.69	49.57	40.17	2.14	-	-	-	-	-	
0300	-	-	-	0.42	7.63	46.19	43.64	2.12	-	-	-	-	-	
0330	-	-	-	0.43	6.38	44.68	44.26	4.26	-	-	-	-	-	
0400	-	-	-	0.43	5.13	41.03	42.74	10.68	-	-	-	-	-	
0430	-	-	-	-	3.38	37.55	43.88	15.19	-	-	-	-	-	
0500	-	-	-	-	2.10	33.19	43.28	21.01	0.42	-	-	-	-	
0530	-	-	-	-	1.69	30.38	42.19	24.89	0.84	-	-	-	-	
0600	-	-	-	-	1.26	22.69	42.44	30.67	2.94	-	-	-	-	
0630	-	-	-	-	0.85	20.43	39.15	33.62	5.96	-	-	-	-	
0700	-	-	-	-	0.84	17.15	41.42	31.38	9.21	-	-	-	-	
0730	-	-	-	-	0.86	16.38	34.91	33.62	14.22	-	-	-	-	
0800	-	-	-	-	-	16.10	32.63	33.05	17.80	0.42	-	-	-	
0830	-	-	-	-	-	14.29	29.41	31.93	23.53	0.84	-	-	-	
0900	-	-	-	-	-	14.29	23.53	35.29	25.21	1.68	-	-	-	
0930	-	-	-	-	-	12.07	25.00	31.47	29.74	1.72	-	-	-	
1000	-	-	-	-	-	11.02	24.58	30.93	30.51	2.97	-	-	-	
1030	-	-	-	-	-	10.78	22.84	29.31	31.03	6.03	-	-	-	
1100	-	-	-	-	-	10.00	22.92	30.00	29.17	7.92	-	-	-	
1130	-	-	-	-	-	10.92	22.27	31.51	27.31	7.98	-	-	-	
1200	-	-	-	-	-	9.62	22.18	32.64	26.78	8.79	-	-	-	
1230	-	-	-	-	0.42	10.17	25.42	29.66	25.42	8.90	-	-	-	
1300	-	-	-	-	0.42	10.83	25.42	29.17	26.67	7.50	-	-	-	
1330	-	-	-	-	0.42	10.17	27.54	32.20	22.88	6.36	0.42	-	-	
1400	-	-	-	-	0.42	10.88	29.71	31.80	20.92	6.28	-	-	-	
1430	-	-	-	-	0.42	13.08	29.11	32.49	21.94	2.95	-	-	-	
1500	-	-	-	-	0.41	12.81	33.88	33.88	17.36	1.65	-	-	-	
1530	-	-	-	-	0.85	16.17	34.47	32.77	14.89	0.85	-	-	-	
1600	-	-	-	-	0.42	17.65	42.02	28.99	10.92	-	-	-	-	
1630	-	-	-	-	0.42	20.68	45.15	25.74	8.02	-	-	-	-	
1700	-	-	-	-	0.42	21.25	46.25	27.50	4.58	-	-	-	-	
1730	-	-	-	-	0.42	25.00	47.50	23.33	3.75	-	-	-	-	
1800	-	-	-	-	0.83	26.86	45.04	23.97	3.31	-	-	-	-	

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	-	-	0.84	28.87	46.03	21.76	2.51	-	-	-	-
1900	-	-	-	-	0.83	31.12	43.98	22.41	1.66	-	-	-	-
1930	-	-	-	-	0.84	33.89	46.86	15.90	2.51	-	-	-	-
2000	-	-	-	-	1.67	33.33	46.67	17.08	1.25	-	-	-	-
2030	-	-	-	-	2.09	33.05	48.95	14.64	1.26	-	-	-	-
2100	-	-	-	-	2.50	35.83	48.75	12.08	0.83	-	-	-	-
2130	-	-	-	-	2.95	37.55	48.10	10.97	0.42	-	-	-	-
2200	-	-	-	-	3.35	37.66	48.54	10.46	-	-	-	-	-
2230	-	-	-	-	3.77	39.33	46.86	10.04	-	-	-	-	-
2300	-	-	-	-	4.20	39.92	46.64	9.24	-	-	-	-	-
2330	-	-	-	-	4.20	42.44	45.80	7.56	-	-	-	-	-
MEAN	-	-	-	0.07	2.10	27.01	38.34	21.26	9.70	1.52	0.01	-	-

Min temperature -5° to -0° (time 0230, 0330 and 0400 UTC) – each 0.43%

Max temperature 30° to 34° (time 1330 UTC) – 0.42%

Mean dominating temperature 10° to 14° – 38.34%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

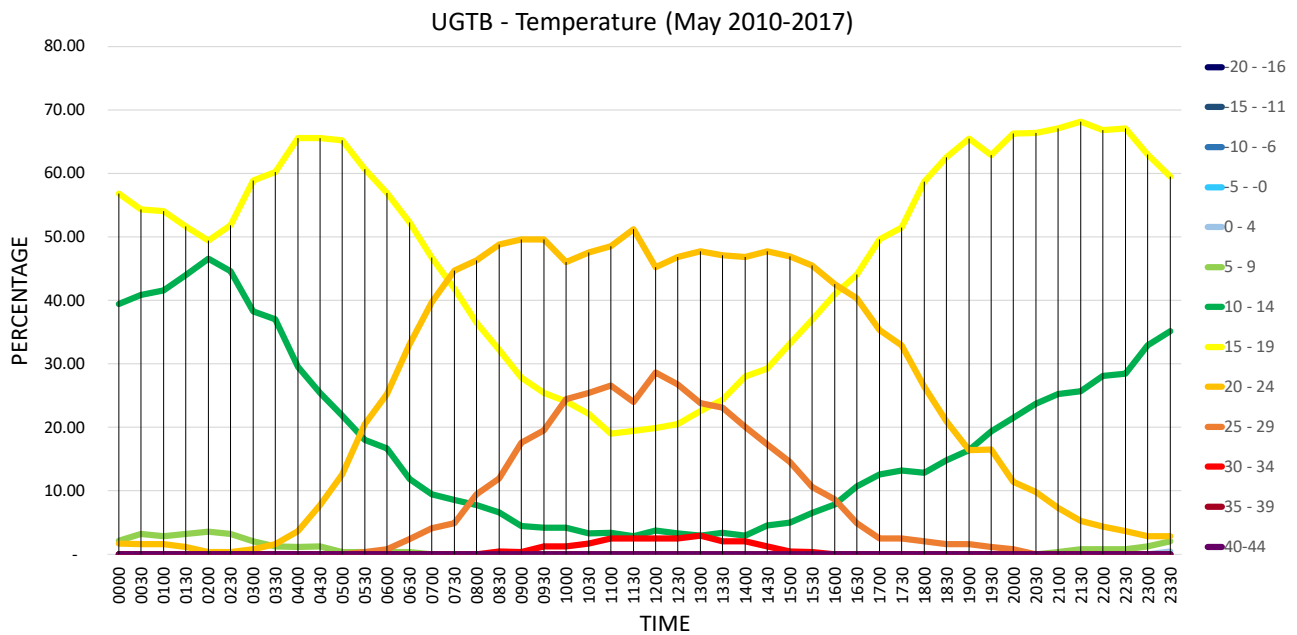
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	2.12	39.41	56.78	1.69	-	-	-	-	
0030	-	-	-	-	-	3.27	40.82	54.29	1.63	-	-	-	-	
0100	-	-	-	-	-	2.82	41.53	54.03	1.61	-	-	-	-	
0130	-	-	-	-	-	3.23	43.95	51.61	1.21	-	-	-	-	
0200	-	-	-	-	-	3.61	46.59	49.40	0.40	-	-	-	-	
0230	-	-	-	-	-	3.21	44.58	51.81	0.40	-	-	-	-	
0300	-	-	-	-	-	2.06	38.27	58.85	0.82	-	-	-	-	
0330	-	-	-	-	-	1.22	36.99	60.16	1.63	-	-	-	-	
0400	-	-	-	-	-	1.21	29.55	65.59	3.64	-	-	-	-	
0430	-	-	-	-	-	1.23	25.41	65.57	7.79	-	-	-	-	
0500	-	-	-	-	-	0.40	21.86	65.18	12.55	-	-	-	-	
0530	-	-	-	-	-	0.41	18.03	60.66	20.49	0.41	-	-	-	
0600	-	-	-	-	-	0.41	16.67	56.91	25.20	0.81	-	-	-	
0630	-	-	-	-	-	0.41	11.84	52.24	33.06	2.45	-	-	-	
0700	-	-	-	-	-	-	9.50	46.69	39.67	4.13	-	-	-	
0730	-	-	-	-	-	-	8.61	41.80	44.67	4.92	-	-	-	
0800	-	-	-	-	-	-	7.79	36.48	46.31	9.43	-	-	-	
0830	-	-	-	-	-	-	6.61	32.23	48.76	11.98	0.41	-	-	
0900	-	-	-	-	-	-	4.51	27.87	49.59	17.62	0.41	-	-	
0930	-	-	-	-	-	-	4.17	25.42	49.58	19.58	1.25	-	-	
1000	-	-	-	-	-	-	4.22	24.05	45.99	24.47	1.27	-	-	
1030	-	-	-	-	-	-	3.33	22.08	47.50	25.42	1.67	-	-	
1100	-	-	-	-	-	-	3.38	18.99	48.52	26.58	2.53	-	-	
1130	-	-	-	-	-	-	2.89	19.42	51.24	23.97	2.48	-	-	
1200	-	-	-	-	-	-	3.73	19.92	45.23	28.63	2.49	-	-	
1230	-	-	-	-	-	-	3.35	20.50	46.86	26.78	2.51	-	-	
1300	-	-	-	-	-	-	2.93	22.59	47.70	23.85	2.93	-	-	
1330	-	-	-	-	-	-	3.36	24.37	47.06	23.11	2.10	-	-	
1400	-	-	-	-	-	-	2.93	28.03	46.86	20.08	2.09	-	-	
1430	-	-	-	-	-	-	4.53	29.22	47.74	17.28	1.23	-	-	
1500	-	-	-	-	-	-	4.98	33.20	46.89	14.52	0.41	-	-	
1530	-	-	-	-	-	-	6.56	36.89	45.49	10.66	0.41	-	-	
1600	-	-	-	-	-	-	7.85	40.91	42.56	8.68	-	-	-	
1630	-	-	-	-	-	-	10.70	44.03	40.33	4.94	-	-	-	
1700	-	-	-	-	-	-	12.61	49.58	35.29	2.52	-	-	-	
1730	-	-	-	-	-	-	13.17	51.44	32.92	2.47	-	-	-	
1800	-	-	-	-	-	-	12.81	58.68	26.45	2.07	-	-	-	

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	-	-	-	-	14.81	62.55	20.99	1.65	-	-	-
1900	-	-	-	-	-	-	16.46	65.43	16.46	1.65	-	-	-
1930	-	-	-	-	-	-	19.35	62.90	16.53	1.21	-	-	-
2000	-	-	-	-	-	-	21.54	66.26	11.38	0.81	-	-	-
2030	-	-	-	-	-	-	23.77	66.39	9.84	-	-	-	-
2100	-	-	-	-	-	0.41	25.20	67.07	7.32	-	-	-	-
2130	-	-	-	-	-	0.82	25.71	68.16	5.31	-	-	-	-
2200	-	-	-	-	-	0.79	28.06	66.80	4.35	-	-	-	-
2230	-	-	-	-	-	0.81	28.46	67.07	3.66	-	-	-	-
2300	-	-	-	-	-	1.23	32.92	62.96	2.88	-	-	-	-
2330	-	-	-	-	0.41	2.07	35.12	59.50	2.89	-	-	-	-
MEAN	-	-	-	-	0.01	0.67	18.27	47.49	25.60	7.47	0.50	-	-

Min temperature 5° to 9° (time 0200 UTC) – 3.61%

Max temperature 30° to 34° (time 1300 UTC) – 2.93%

Mean dominating temperature 15° to 19° – 47.49%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

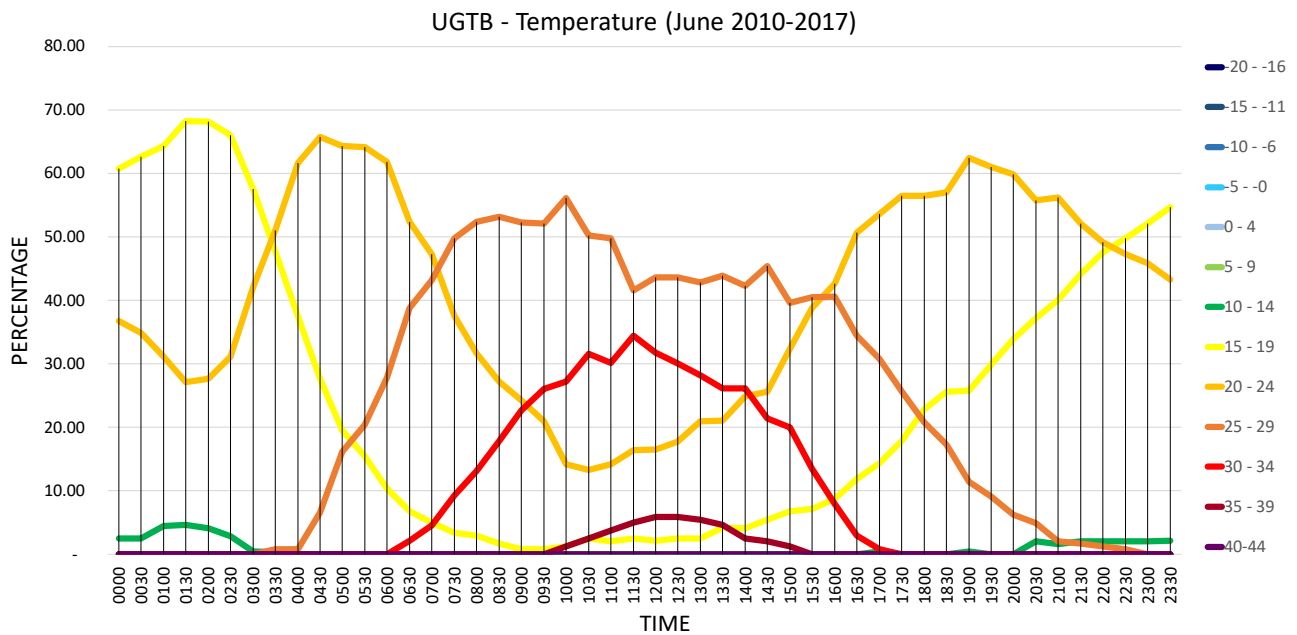
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	-	2.48	60.74	36.78	-	-	-	-	
0030	-	-	-	-	-	-	2.49	62.66	34.85	-	-	-	-	
0100	-	-	-	-	-	-	4.51	64.34	31.15	-	-	-	-	
0130	-	-	-	-	-	-	4.66	68.22	27.12	-	-	-	-	
0200	-	-	-	-	-	-	4.13	68.18	27.69	-	-	-	-	
0230	-	-	-	-	-	-	2.90	65.98	31.12	-	-	-	-	
0300	-	-	-	-	-	-	0.42	57.50	42.08	-	-	-	-	
0330	-	-	-	-	-	-	0.41	47.74	51.03	0.82	-	-	-	
0400	-	-	-	-	-	-	-	37.50	61.67	0.83	-	-	-	
0430	-	-	-	-	-	-	-	27.69	65.70	6.61	-	-	-	
0500	-	-	-	-	-	-	-	19.50	64.32	16.18	-	-	-	
0530	-	-	-	-	-	-	-	15.42	64.17	20.42	-	-	-	
0600	-	-	-	-	-	-	-	10.37	61.83	27.80	-	-	-	
0630	-	-	-	-	-	-	-	6.75	52.32	38.82	2.11	-	-	
0700	-	-	-	-	-	-	-	4.98	47.30	43.15	4.56	-	-	
0730	-	-	-	-	-	-	-	3.38	37.55	49.79	9.28	-	-	
0800	-	-	-	-	-	-	-	2.95	31.65	52.32	13.08	-	-	
0830	-	-	-	-	-	-	-	1.70	27.23	53.19	17.87	-	-	
0900	-	-	-	-	-	-	-	0.82	24.28	52.26	22.63	-	-	
0930	-	-	-	-	-	-	-	0.84	21.01	52.10	26.05	-	-	
1000	-	-	-	-	-	-	-	1.26	14.23	56.07	27.20	1.26	-	
1030	-	-	-	-	-	-	-	2.49	13.28	50.21	31.54	2.49	-	
1100	-	-	-	-	-	-	-	2.09	14.23	49.79	30.13	3.77	-	
1130	-	-	-	-	-	-	-	2.52	16.39	41.60	34.45	5.04	-	
1200	-	-	-	-	-	-	-	2.12	16.53	43.64	31.78	5.93	-	
1230	-	-	-	-	-	-	-	2.54	17.80	43.64	30.08	5.93	-	
1300	-	-	-	-	-	-	-	2.52	21.01	42.86	28.15	5.46	-	
1330	-	-	-	-	-	-	-	4.22	21.10	43.88	26.16	4.64	-	
1400	-	-	-	-	-	-	-	4.15	24.90	42.32	26.14	2.49	-	
1430	-	-	-	-	-	-	-	5.46	25.63	45.38	21.43	2.10	-	
1500	-	-	-	-	-	-	-	6.81	32.34	39.57	20.00	1.28	-	
1530	-	-	-	-	-	-	-	7.17	38.82	40.51	13.50	-	-	
1600	-	-	-	-	-	-	-	8.79	42.68	40.59	7.95	-	-	
1630	-	-	-	-	-	-	-	11.91	50.64	34.47	2.98	-	-	
1700	-	-	-	-	-	-	0.42	14.35	53.59	30.80	0.84	-	-	
1730	-	-	-	-	-	-	-	17.84	56.43	25.73	-	-	-	
1800	-	-	-	-	-	-	-	22.82	56.43	20.75	-	-	-	

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	-	-	-	-	-	25.62	57.02	17.36	-	-	-
1900	-	-	-	-	-	-	0.42	25.74	62.45	11.39	-	-	-
1930	-	-	-	-	-	-	-	29.88	61.00	9.13	-	-	-
2000	-	-	-	-	-	-	-	33.89	59.83	6.28	-	-	-
2030	-	-	-	-	-	-	2.07	37.19	55.79	4.96	-	-	-
2100	-	-	-	-	-	-	1.65	40.08	56.20	2.07	-	-	-
2130	-	-	-	-	-	-	2.10	44.12	52.10	1.68	-	-	-
2200	-	-	-	-	-	-	2.08	47.50	49.17	1.25	-	-	-
2230	-	-	-	-	-	-	2.09	49.79	47.28	0.84	-	-	-
2300	-	-	-	-	-	-	2.08	52.08	45.83	-	-	-	-
2330	-	-	-	-	-	-	2.12	54.66	43.22	-	-	-	-
MEAN	-	-	-	-	-	-	0.77	24.81	40.60	24.10	8.87	0.84	-

Min temperature 10° to 14° (time 0130 UTC) – 4.66%

Max temperature 35° to 39° (time 1200 and 1230 UTC) – 5.93%

Mean dominating temperature 20° to 24° – 40.60%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	-	-	-	17.96	75.51	6.53	-	-	-
0030	-	-	-	-	-	-	-	18.55	75.81	5.65	-	-	-
0100	-	-	-	-	-	-	0.40	21.29	72.29	6.02	-	-	-
0130	-	-	-	-	-	-	-	23.79	72.58	3.63	-	-	-
0200	-	-	-	-	-	-	0.40	21.77	73.79	4.03	-	-	-
0230	-	-	-	-	-	-	0.41	18.03	75.82	5.74	-	-	-
0300	-	-	-	-	-	-	-	13.20	78.40	8.40	-	-	-
0330	-	-	-	-	-	-	-	9.72	75.71	14.57	-	-	-
0400	-	-	-	-	-	-	-	8.03	68.27	23.69	-	-	-
0430	-	-	-	-	-	-	-	5.69	54.88	39.43	-	-	-
0500	-	-	-	-	-	-	-	3.63	47.98	46.77	1.61	-	-
0530	-	-	-	-	-	-	-	3.24	40.08	51.42	5.26	-	-
0600	-	-	-	-	-	-	-	2.05	32.38	56.15	9.43	-	-
0630	-	-	-	-	-	-	-	1.24	25.21	59.09	14.46	-	-
0700	-	-	-	-	-	-	-	1.22	18.70	57.32	22.76	-	-
0730	-	-	-	-	-	-	-	1.63	13.82	52.85	31.71	-	-
0800	-	-	-	-	-	-	-	1.62	9.72	48.18	40.08	0.40	-
0830	-	-	-	-	-	-	-	0.81	8.91	43.72	45.34	1.21	-
0900	-	-	-	-	-	-	-	0.81	7.32	42.68	43.90	5.28	-
0930	-	-	-	-	-	-	-	0.82	5.74	39.75	45.49	8.20	-
1000	-	-	-	-	-	-	-	0.41	5.74	33.61	50.00	10.25	-
1030	-	-	-	-	-	-	-	0.82	5.33	28.69	54.10	10.66	0.41
1100	-	-	-	-	-	-	-	1.23	5.76	27.57	50.21	15.23	-
1130	-	-	-	-	-	-	-	0.41	5.76	27.16	48.97	17.70	-
1200	-	-	-	-	-	-	-	0.41	6.58	27.16	48.56	17.28	-
1230	-	-	-	-	-	-	-	0.83	6.22	26.14	48.55	18.26	-
1300	-	-	-	-	-	-	-	0.82	6.12	29.39	46.53	17.14	-
1330	-	-	-	-	-	-	-	1.21	6.88	30.77	45.34	15.79	-
1400	-	-	-	-	-	-	-	1.22	7.76	33.47	44.90	12.65	-
1430	-	-	-	-	-	-	-	0.80	10.84	36.55	40.56	11.24	-
1500	-	-	-	-	-	-	-	1.61	11.65	39.76	38.96	8.03	-
1530	-	-	-	-	-	-	-	1.24	15.29	44.21	37.19	2.07	-
1600	-	-	-	-	-	-	-	2.41	18.88	48.19	29.32	1.20	-
1630	-	-	-	-	-	-	-	2.50	25.42	51.25	20.00	0.83	-
1700	-	-	-	-	-	-	-	2.90	31.54	56.02	9.54	-	-
1730	-	-	-	-	-	-	-	3.67	35.51	54.29	6.12	0.41	-
1800	-	-	-	-	-	-	-	4.42	39.76	52.21	3.61	-	-

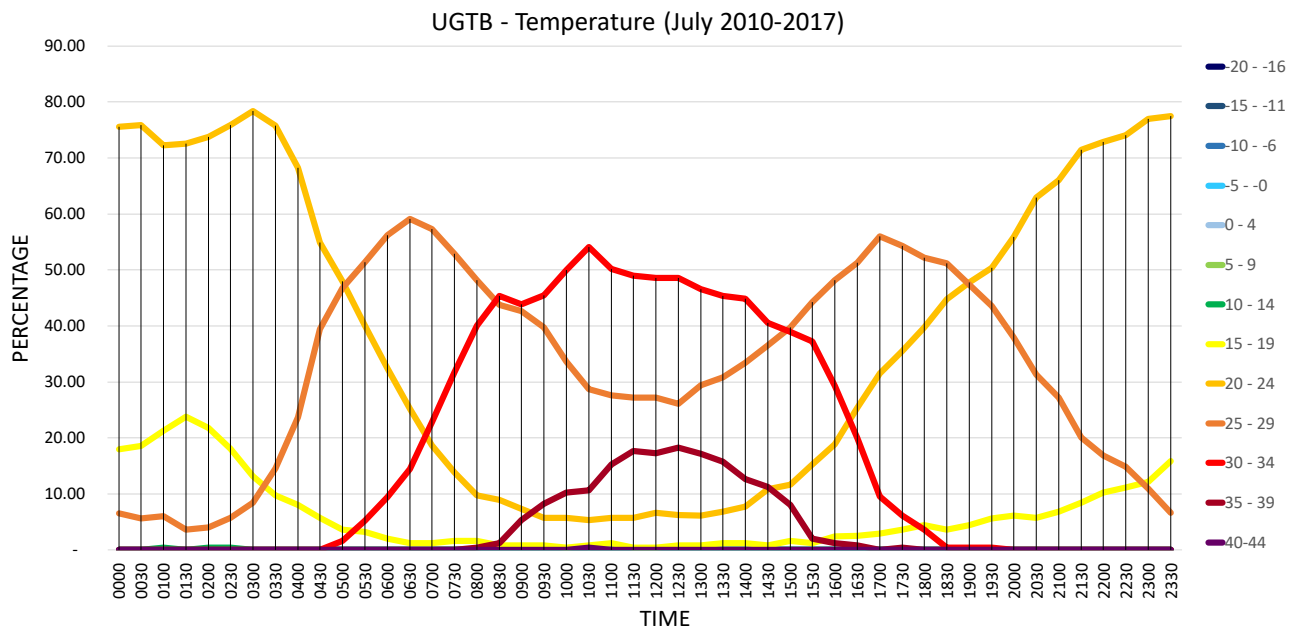


FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
1830	-	-	-	-	-	-	-	3.63	44.76	51.21	0.40	-	-
1900	-	-	-	-	-	-	-	4.45	47.77	47.37	0.40	-	-
1930	-	-	-	-	-	-	-	5.65	50.40	43.55	0.40	-	-
2000	-	-	-	-	-	-	-	6.12	55.92	37.96	-	-	-
2030	-	-	-	-	-	-	-	5.76	62.96	31.28	-	-	-
2100	-	-	-	-	-	-	-	6.80	66.00	27.20	-	-	-
2130	-	-	-	-	-	-	-	8.43	71.49	20.08	-	-	-
2200	-	-	-	-	-	-	-	10.29	72.84	16.87	-	-	-
2230	-	-	-	-	-	-	-	11.11	74.07	14.81	-	-	-
2300	-	-	-	-	-	-	-	12.15	76.92	10.93	-	-	-
2330	-	-	-	-	-	-	-	15.83	77.50	6.67	-	-	-
MEAN	-	-	-	-	-	-	0.03	6.11	39.22	32.69	18.35	3.60	0.01

Min temperature 10° to 14° (time 0230 UTC) – 0.41%

Max temperature 40° to 44° (time 1030 UTC) – 0.41%

Mean dominating temperature 20° to 24° – 39.22%



**ERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL E**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

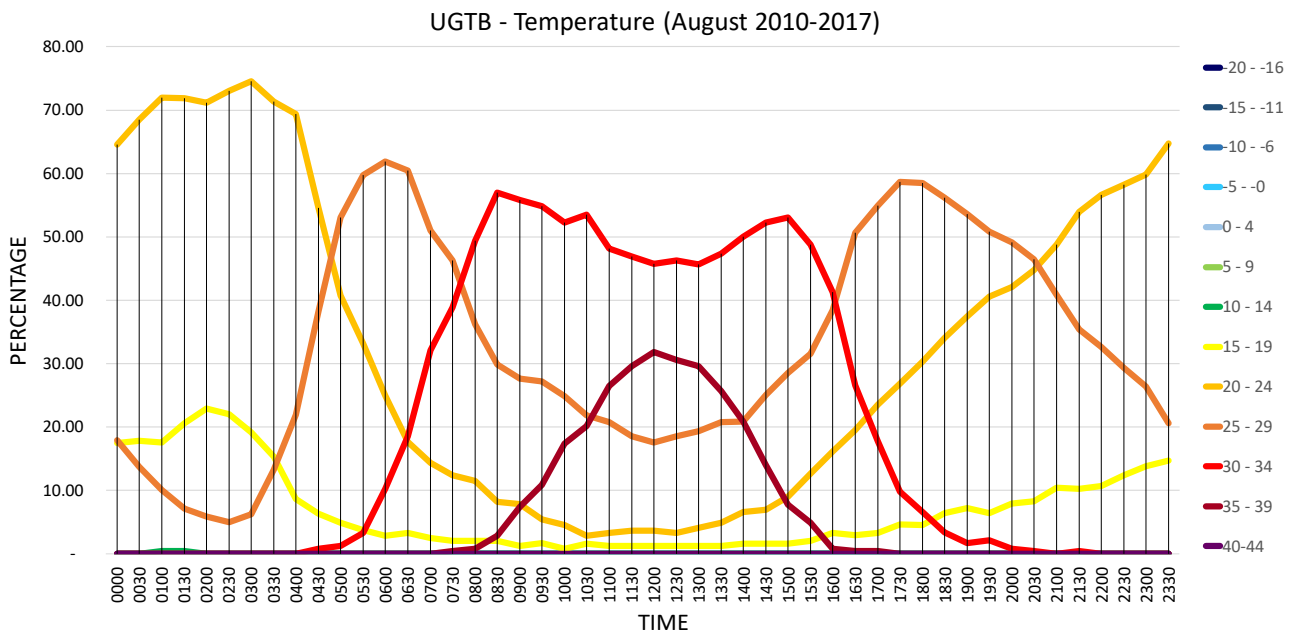
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	-	-	17.52	64.53	17.95	-	-	-	
0030	-	-	-	-	-	-	-	17.84	68.46	13.69	-	-	-	
0100	-	-	-	-	-	-	0.42	17.57	71.97	10.04	-	-	-	
0130	-	-	-	-	-	-	0.42	20.59	71.85	7.14	-	-	-	
0200	-	-	-	-	-	-	-	22.88	71.19	5.93	-	-	-	
0230	-	-	-	-	-	-	-	21.99	73.03	4.98	-	-	-	
0300	-	-	-	-	-	-	-	19.17	74.58	6.25	-	-	-	
0330	-	-	-	-	-	-	-	15.35	71.37	13.28	-	-	-	
0400	-	-	-	-	-	-	-	8.68	69.42	21.90	-	-	-	
0430	-	-	-	-	-	-	-	6.30	54.62	38.24	0.84	-	-	
0500	-	-	-	-	-	-	-	4.94	40.74	53.09	1.23	-	-	
0530	-	-	-	-	-	-	-	3.73	33.20	59.75	3.32	-	-	
0600	-	-	-	-	-	-	-	2.87	25.00	61.89	10.25	-	-	
0630	-	-	-	-	-	-	-	3.29	17.70	60.49	18.52	-	-	
0700	-	-	-	-	-	-	-	2.47	14.40	51.03	32.10	-	-	
0730	-	-	-	-	-	-	-	2.07	12.40	46.28	38.84	0.41	-	
0800	-	-	-	-	-	-	-	2.06	11.52	36.21	49.38	0.82	-	
0830	-	-	-	-	-	-	-	2.05	8.20	29.92	56.97	2.87	-	
0900	-	-	-	-	-	-	-	1.24	7.85	27.69	55.79	7.44	-	
0930	-	-	-	-	-	-	-	1.67	5.44	27.20	54.81	10.88	-	
1000	-	-	-	-	-	-	-	0.83	4.56	24.90	52.28	17.43	-	
1030	-	-	-	-	-	-	-	1.65	2.88	21.81	53.50	20.16	-	
1100	-	-	-	-	-	-	-	1.22	3.27	20.82	48.16	26.53	-	
1130	-	-	-	-	-	-	-	1.23	3.70	18.52	46.91	29.63	-	
1200	-	-	-	-	-	-	-	1.22	3.67	17.55	45.71	31.84	-	
1230	-	-	-	-	-	-	-	1.24	3.31	18.60	46.28	30.58	-	
1300	-	-	-	-	-	-	-	1.23	4.12	19.34	45.68	29.63	-	
1330	-	-	-	-	-	-	-	1.22	4.90	20.82	47.35	25.71	-	
1400	-	-	-	-	-	-	-	1.64	6.56	20.90	50.00	20.90	-	
1430	-	-	-	-	-	-	-	1.65	7.00	25.10	52.26	13.99	-	
1500	-	-	-	-	-	-	-	1.63	8.98	28.57	53.06	7.76	-	
1530	-	-	-	-	-	-	-	2.05	12.70	31.56	48.77	4.92	-	
1600	-	-	-	-	-	-	-	3.31	16.12	38.43	41.32	0.83	-	
1630	-	-	-	-	-	-	-	2.90	19.50	50.62	26.56	0.41	-	
1700	-	-	-	-	-	-	-	3.31	23.55	54.96	17.77	0.41	-	
1730	-	-	-	-	-	-	-	4.68	26.81	58.72	9.79	-	-	
1800	-	-	-	-	-	-	-	4.56	30.29	58.51	6.64	-	-	

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	-	-	-	-	-	6.38	34.04	56.17	3.40	-	-
1900	-	-	-	-	-	-	-	7.23	37.45	53.62	1.70	-	-
1930	-	-	-	-	-	-	-	6.41	40.60	50.85	2.14	-	-
2000	-	-	-	-	-	-	-	7.92	42.08	49.17	0.83	-	-
2030	-	-	-	-	-	-	-	8.30	44.81	46.47	0.41	-	-
2100	-	-	-	-	-	-	-	10.42	48.75	40.83	-	-	-
2130	-	-	-	-	-	-	-	10.29	53.91	35.39	0.41	-	-
2200	-	-	-	-	-	-	-	10.74	56.61	32.64	-	-	-
2230	-	-	-	-	-	-	-	12.40	58.26	29.34	-	-	-
2300	-	-	-	-	-	-	-	13.81	59.83	26.36	-	-	-
2330	-	-	-	-	-	-	-	14.71	64.71	20.59	-	-	-
MEAN	-	-	-	-	-	-	0.02	7.05	33.13	32.59	21.31	5.90	-

Min temperature 10° to 14° (time 0100 and 0130 UTC) – each 0.42%

Max temperature 35° to 39° (time 1200 UTC) – 31.84%

Mean dominating temperature 20° to 24° – 33.13%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

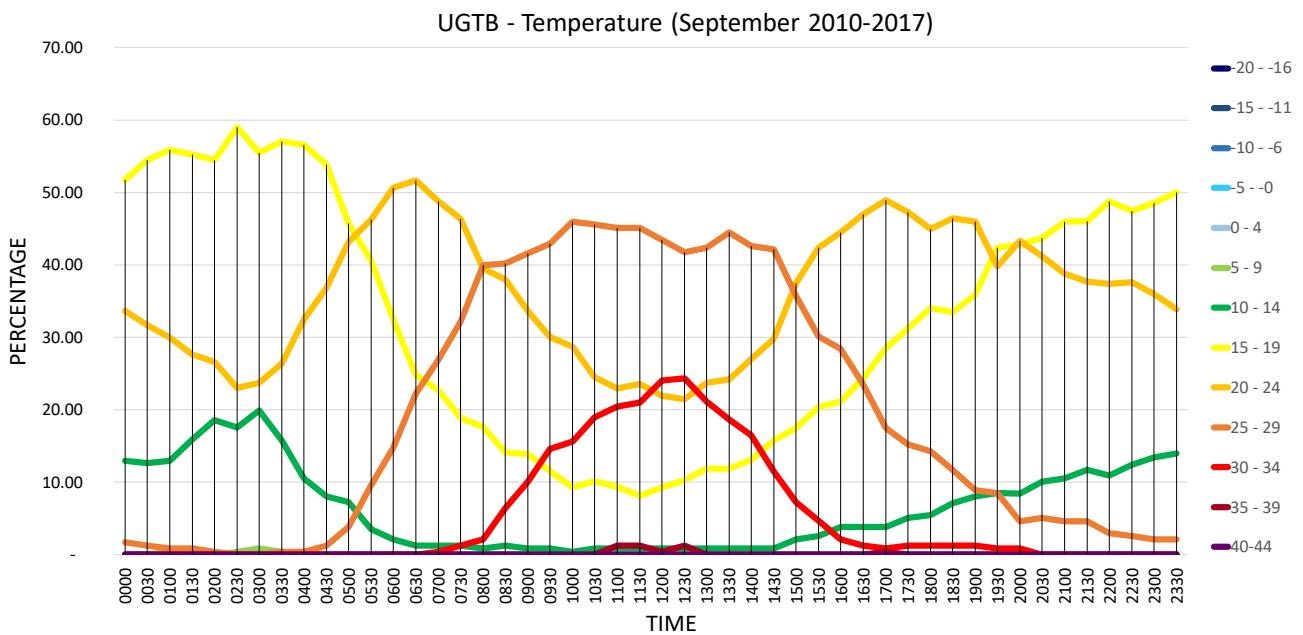
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	-	-	12.93	51.72	33.62	1.72	-	-	-
0030	-	-	-	-	-	-	12.66	54.43	31.65	1.27	-	-	-
0100	-	-	-	-	-	0.42	12.92	55.83	30.00	0.83	-	-	-
0130	-	-	-	-	-	0.42	15.90	55.23	27.62	0.84	-	-	-
0200	-	-	-	-	-	-	18.57	54.43	26.58	0.42	-	-	-
0230	-	-	-	-	-	0.42	17.57	59.00	23.01	-	-	-	-
0300	-	-	-	-	-	0.85	19.92	55.51	23.73	-	-	-	-
0330	-	-	-	-	-	0.43	15.74	57.02	26.38	0.43	-	-	-
0400	-	-	-	-	-	-	10.55	56.54	32.49	0.42	-	-	-
0430	-	-	-	-	-	-	8.05	53.81	36.86	1.27	-	-	-
0500	-	-	-	-	-	-	7.26	45.73	43.16	3.85	-	-	-
0530	-	-	-	-	-	-	3.49	40.61	46.29	9.61	-	-	-
0600	-	-	-	-	-	-	2.11	32.49	50.63	14.77	-	-	-
0630	-	-	-	-	-	-	1.26	24.79	51.68	22.27	-	-	-
0700	-	-	-	-	-	-	1.26	22.69	48.74	26.89	0.42	-	-
0730	-	-	-	-	-	-	1.29	18.88	46.35	32.19	1.29	-	-
0800	-	-	-	-	-	-	0.84	17.65	39.50	39.92	2.10	-	-
0830	-	-	-	-	-	-	1.28	14.10	38.03	40.17	6.41	-	-
0900	-	-	-	-	-	-	0.84	13.87	33.61	41.60	10.08	-	-
0930	-	-	-	-	-	-	0.86	11.59	30.04	42.92	14.59	-	-
1000	-	-	-	-	-	-	0.42	9.28	28.69	45.99	15.61	-	-
1030	-	-	-	-	-	-	0.84	10.13	24.47	45.57	18.99	-	-
1100	-	-	-	-	-	-	0.85	9.36	22.98	45.11	20.43	1.28	-
1130	-	-	-	-	-	-	0.86	8.15	23.61	45.06	21.03	1.29	-
1200	-	-	-	-	-	-	0.84	9.28	21.94	43.46	24.05	0.42	-
1230	-	-	-	-	-	-	0.83	10.33	21.49	41.74	24.38	1.24	-
1300	-	-	-	-	-	-	0.85	11.86	23.73	42.37	21.19	-	-
1330	-	-	-	-	-	-	0.85	11.86	24.15	44.49	18.64	-	-
1400	-	-	-	-	-	-	0.84	13.08	27.00	42.62	16.46	-	-
1430	-	-	-	-	-	-	0.85	15.74	29.79	42.13	11.49	-	-
1500	-	-	-	-	-	-	2.13	17.45	37.45	35.74	7.23	-	-
1530	-	-	-	-	-	-	2.54	20.34	42.37	30.08	4.66	-	-
1600	-	-	-	-	-	-	3.81	21.19	44.49	28.39	2.12	-	-
1630	-	-	-	-	-	-	3.85	24.36	47.01	23.50	1.28	-	-
1700	-	-	-	-	-	-	3.83	28.51	48.94	17.45	0.85	0.43	-
1730	-	-	-	-	-	-	5.06	31.22	47.26	15.19	1.27	-	-
1800	-	-	-	-	-	-	5.46	34.03	44.96	14.29	1.26	-	-

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	-	-	-	-	7.11	33.47	46.44	11.72	1.26	-	-
1900	-	-	-	-	-	-	8.02	35.86	45.99	8.86	1.27	-	-
1930	-	-	-	-	-	-	8.47	42.37	39.83	8.47	0.85	-	-
2000	-	-	-	-	-	-	8.40	42.86	43.28	4.62	0.84	-	-
2030	-	-	-	-	-	-	10.08	43.70	41.18	5.04	-	-	-
2100	-	-	-	-	-	-	10.55	45.99	38.82	4.64	-	-	-
2130	-	-	-	-	-	-	11.72	46.03	37.66	4.60	-	-	-
2200	-	-	-	-	-	-	10.92	48.74	37.39	2.94	-	-	-
2230	-	-	-	-	-	-	12.39	47.44	37.61	2.56	-	-	-
2300	-	-	-	-	-	-	13.39	48.54	35.98	2.09	-	-	-
2330	-	-	-	-	-	-	13.98	50.00	33.90	2.12	-	-	-
MEAN	-	-	-	-	-	0.05	6.57	32.67	35.79	19.61	5.21	0.10	-

Min temperature 5° to 9° (time 0300 UTC) – 0.85%  
 Max temperature 35° to 39° (time 1130 UTC) – 1.29%  
 Mean dominating temperature 20 to 24° – 35.79%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

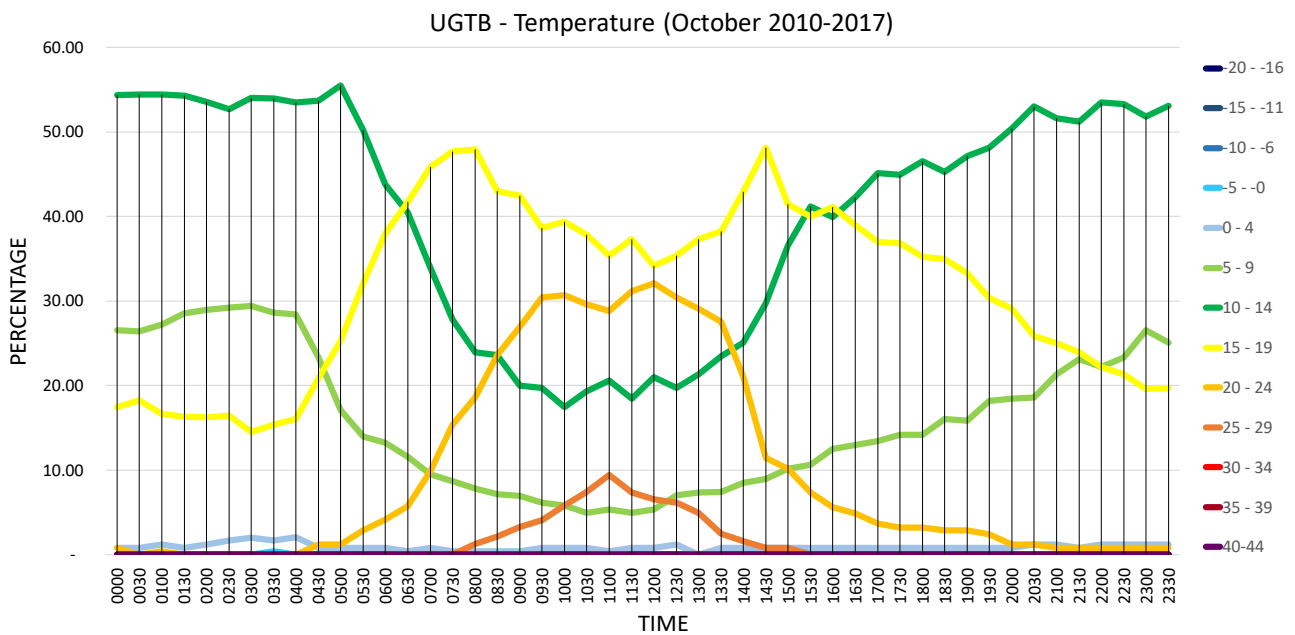
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	0.83	26.56	54.36	17.43	0.83	-	-	-	-	
0030	-	-	-	-	0.81	26.42	54.47	18.29	-	-	-	-	-	
0100	-	-	-	-	1.22	27.24	54.47	16.67	0.41	-	-	-	-	
0130	-	-	-	-	0.82	28.57	54.29	16.33	-	-	-	-	-	
0200	-	-	-	-	1.19	28.97	53.57	16.27	-	-	-	-	-	
0230	-	-	-	-	1.65	29.22	52.67	16.46	-	-	-	-	-	
0300	-	-	-	-	2.02	29.44	54.03	14.52	-	-	-	-	-	
0330	-	-	-	0.41	1.66	28.63	53.94	15.35	-	-	-	-	-	
0400	-	-	-	-	2.06	28.40	53.50	16.05	-	-	-	-	-	
0430	-	-	-	-	0.82	23.36	53.69	20.90	1.23	-	-	-	-	
0500	-	-	-	-	0.82	17.14	55.51	25.31	1.22	-	-	-	-	
0530	-	-	-	-	0.82	13.99	50.21	32.10	2.88	-	-	-	-	
0600	-	-	-	-	0.83	13.22	43.80	38.02	4.13	-	-	-	-	
0630	-	-	-	-	0.41	11.57	40.50	41.74	5.79	-	-	-	-	
0700	-	-	-	-	0.83	9.50	33.88	45.87	9.92	-	-	-	-	
0730	-	-	-	-	0.41	8.71	27.80	47.72	15.35	-	-	-	-	
0800	-	-	-	-	0.41	7.85	23.97	47.93	18.60	1.24	-	-	-	
0830	-	-	-	-	0.42	7.17	23.63	43.04	23.63	2.11	-	-	-	
0900	-	-	-	-	0.41	6.94	20.00	42.45	26.94	3.27	-	-	-	
0930	-	-	-	-	0.82	6.17	19.75	38.68	30.45	4.12	-	-	-	
1000	-	-	-	-	0.83	5.81	17.43	39.42	30.71	5.81	-	-	-	
1030	-	-	-	-	0.82	4.94	19.34	37.86	29.63	7.41	-	-	-	
1100	-	-	-	-	0.41	5.35	20.58	35.39	28.81	9.47	-	-	-	
1130	-	-	-	-	0.82	4.92	18.44	37.30	31.15	7.38	-	-	-	
1200	-	-	-	-	0.82	5.35	20.99	34.16	32.10	6.58	-	-	-	
1230	-	-	-	-	1.23	7.00	19.75	35.39	30.45	6.17	-	-	-	
1300	-	-	-	-	-	7.38	21.31	37.30	29.10	4.92	-	-	-	
1330	-	-	-	-	0.82	7.41	23.46	38.27	27.57	2.47	-	-	-	
1400	-	-	-	-	0.81	8.50	25.10	42.91	21.05	1.62	-	-	-	
1430	-	-	-	-	0.82	8.98	29.80	48.16	11.43	0.82	-	-	-	
1500	-	-	-	-	0.81	10.16	36.59	41.46	10.16	0.81	-	-	-	
1530	-	-	-	-	0.82	10.61	41.22	40.00	7.35	-	-	-	-	
1600	-	-	-	-	0.81	12.50	39.92	41.13	5.65	-	-	-	-	
1630	-	-	-	-	0.81	13.01	42.28	39.02	4.88	-	-	-	-	
1700	-	-	-	-	0.81	13.41	45.12	36.99	3.66	-	-	-	-	
1730	-	-	-	-	0.81	14.17	44.94	36.84	3.24	-	-	-	-	
1800	-	-	-	-	0.81	14.17	46.56	35.22	3.24	-	-	-	-	

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	-	-	0.82	16.05	45.27	34.98	2.88	-	-	-	-
1900	-	-	-	-	0.81	15.85	47.15	33.33	2.85	-	-	-	-
1930	-	-	-	-	0.81	18.22	48.18	30.36	2.43	-	-	-	-
2000	-	-	-	-	0.82	18.44	50.41	29.10	1.23	-	-	-	-
2030	-	-	-	-	1.21	18.62	53.04	25.91	1.21	-	-	-	-
2100	-	-	-	-	1.23	21.31	51.64	25.00	0.82	-	-	-	-
2130	-	-	-	-	0.83	23.14	51.24	23.97	0.83	-	-	-	-
2200	-	-	-	-	1.23	22.22	53.50	22.22	0.82	-	-	-	-
2230	-	-	-	-	1.23	23.36	53.28	21.31	0.82	-	-	-	-
2300	-	-	-	-	1.22	26.53	51.84	19.59	0.82	-	-	-	-
2330	-	-	-	-	1.23	25.10	53.09	19.75	0.82	-	-	-	-
MEAN	-	-	-	0.01	0.91	15.89	40.66	31.51	9.69	1.33	-	-	-

Min temperature -5° to 0° (time 0330 UTC) – 0.41%

Max temperature 25° to 29° (time 1100 UTC) – 9.47%

Mean dominating temperature 10° to 14° – 40.66%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL E

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	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	
0000	-	-	-	6.33	25.74	48.95	18.14	0.84	-	-	-	-	-	
0030	-	-	-	6.81	25.96	48.94	17.87	0.43	-	-	-	-	-	
0100	-	-	-	6.67	27.92	48.75	16.25	0.42	-	-	-	-	-	
0130	-	-	-	7.53	29.71	46.03	16.32	0.42	-	-	-	-	-	
0200	-	-	-	5.83	30.00	46.25	17.50	0.42	-	-	-	-	-	
0230	-	-	-	8.40	29.41	45.38	16.39	0.42	-	-	-	-	-	
0300	-	-	-	7.66	29.79	47.23	14.89	0.43	-	-	-	-	-	
0330	-	-	-	7.53	30.96	45.61	15.48	0.42	-	-	-	-	-	
0400	-	-	-	8.02	29.11	47.26	14.77	0.84	-	-	-	-	-	
0430	-	-	-	8.33	26.67	47.92	16.25	0.83	-	-	-	-	-	
0500	-	-	-	7.14	21.85	50.42	19.33	1.26	-	-	-	-	-	
0530	-	-	-	5.58	16.74	50.64	25.32	1.72	-	-	-	-	-	
0600	-	-	-	5.13	14.10	48.72	29.91	2.14	-	-	-	-	-	
0630	-	-	-	2.54	11.02	44.07	37.29	5.08	-	-	-	-	-	
0700	-	-	-	2.49	9.54	41.91	39.00	7.05	-	-	-	-	-	
0730	-	-	-	2.56	8.97	36.75	38.89	11.97	0.85	-	-	-	-	
0800	-	-	-	2.11	8.86	31.22	42.19	15.61	-	-	-	-	-	
0830	-	-	-	2.11	6.33	27.85	42.62	20.68	0.42	-	-	-	-	
0900	-	-	-	2.11	5.49	26.58	42.19	22.36	1.27	-	-	-	-	
0930	-	-	-	2.12	5.08	24.15	39.83	26.69	2.12	-	-	-	-	
1000	-	-	-	2.09	5.44	22.18	38.91	28.45	2.93	-	-	-	-	
1030	-	-	-	2.11	5.06	21.10	37.97	29.54	4.22	-	-	-	-	
1100	-	-	-	2.11	4.64	22.78	35.02	30.38	5.06	-	-	-	-	
1130	-	-	-	1.69	5.49	21.94	35.02	30.80	5.06	-	-	-	-	
1200	-	-	-	2.07	5.79	23.55	35.95	27.27	5.37	-	-	-	-	
1230	-	-	-	2.13	5.96	25.11	36.60	26.81	3.40	-	-	-	-	
1300	-	-	-	2.09	7.11	27.20	38.08	24.27	1.26	-	-	-	-	
1330	-	-	-	2.09	7.95	28.45	45.61	15.48	0.42	-	-	-	-	
1400	-	-	-	2.11	9.28	32.91	42.62	12.66	0.42	-	-	-	-	
1430	-	-	-	2.52	10.08	36.13	43.28	7.56	0.42	-	-	-	-	
1500	-	-	-	4.24	10.17	42.37	36.44	6.78	-	-	-	-	-	
1530	-	-	-	4.24	12.29	43.22	36.86	2.97	0.42	-	-	-	-	
1600	-	-	-	4.22	12.24	46.84	33.33	3.38	-	-	-	-	-	
1630	-	-	-	4.58	11.25	49.58	32.08	2.08	0.42	-	-	-	-	
1700	-	-	-	5.44	13.81	48.12	31.38	0.84	0.42	-	-	-	-	
1730	-	-	-	5.44	15.90	47.28	30.13	0.84	0.42	-	-	-	-	
1800	-	-	-	5.91	14.35	50.63	27.85	1.27	-	-	-	-	-	

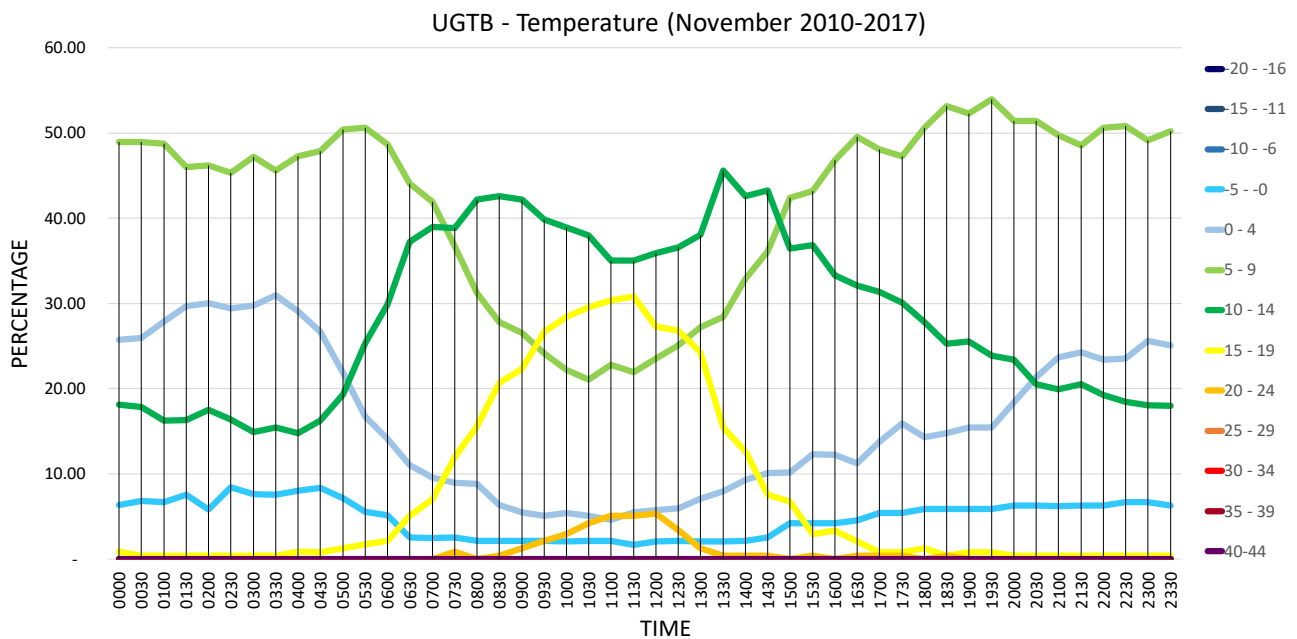


FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
1830	-	-	-	5.91	14.77	53.16	25.32	0.42	0.42	-	-	-	-
1900	-	-	-	5.86	15.48	52.30	25.52	0.84	-	-	-	-	-
1930	-	-	-	5.86	15.48	53.97	23.85	0.84	-	-	-	-	-
2000	-	-	-	6.28	18.41	51.46	23.43	0.42	-	-	-	-	-
2030	-	-	-	6.28	21.34	51.46	20.50	0.42	-	-	-	-	-
2100	-	-	-	6.22	23.65	49.79	19.92	0.41	-	-	-	-	-
2130	-	-	-	6.28	24.27	48.54	20.50	0.42	-	-	-	-	-
2200	-	-	-	6.28	23.43	50.63	19.25	0.42	-	-	-	-	-
2230	-	-	-	6.72	23.53	50.84	18.49	0.42	-	-	-	-	-
2300	-	-	-	6.72	25.63	49.16	18.07	0.42	-	-	-	-	-
2330	-	-	-	6.28	25.10	50.21	17.99	0.42	-	-	-	-	-
MEAN	-	-	-	4.81	16.29	41.79	28.54	7.84	0.74	-	-	-	-

Min temperature -5° to -0° (time 0230 UTC) – 8.40%

Max temperature 20° to 24° (time 1200 UTC) – 5.37%

Mean dominating temperature 5° to 9° – 41.79%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

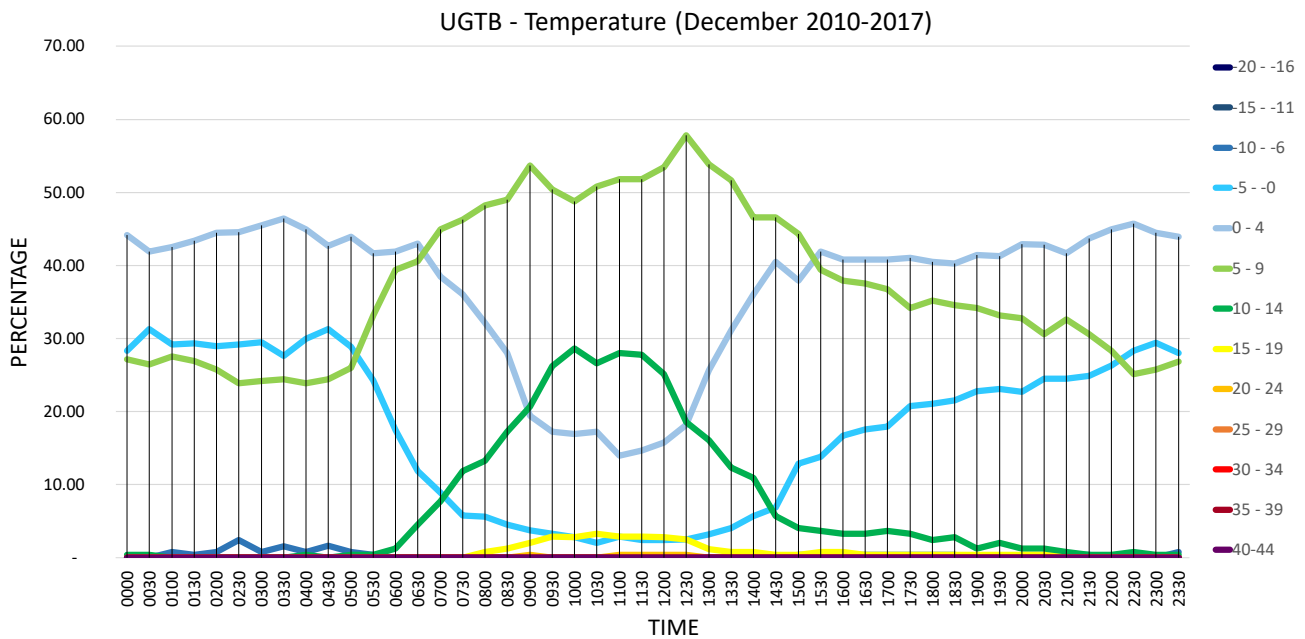
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	28.34	44.13	27.13	0.40	-	-	-	-	-	-
0030	-	-	-	31.30	41.87	26.42	0.41	-	-	-	-	-	-
0100	-	-	0.81	29.15	42.51	27.53	-	-	-	-	-	-	-
0130	-	-	0.40	29.32	43.37	26.91	-	-	-	-	-	-	-
0200	-	-	0.82	28.98	44.49	25.71	-	-	-	-	-	-	-
0230	-	-	2.43	29.15	44.53	23.89	-	-	-	-	-	-	-
0300	-	-	0.82	29.51	45.49	24.18	-	-	-	-	-	-	-
0330	-	-	1.60	27.60	46.40	24.40	-	-	-	-	-	-	-
0400	-	-	0.81	29.96	44.94	23.89	0.40	-	-	-	-	-	-
0430	-	-	1.63	31.30	42.68	24.39	-	-	-	-	-	-	-
0500	-	-	0.81	28.86	43.90	26.02	0.41	-	-	-	-	-	-
0530	-	-	0.40	24.29	41.70	33.20	0.40	-	-	-	-	-	-
0600	-	-	-	17.48	41.87	39.43	1.22	-	-	-	-	-	-
0630	-	-	-	11.89	43.03	40.57	4.51	-	-	-	-	-	-
0700	-	-	-	8.91	38.46	44.94	7.69	-	-	-	-	-	-
0730	-	-	-	5.74	36.07	46.31	11.89	-	-	-	-	-	-
0800	-	-	-	5.62	32.13	48.19	13.25	0.80	-	-	-	-	-
0830	-	-	-	4.53	27.98	48.97	17.28	1.23	-	-	-	-	-
0900	-	-	-	3.72	19.42	53.72	20.66	2.07	0.41	-	-	-	-
0930	-	-	-	3.28	17.21	50.41	26.23	2.87	-	-	-	-	-
1000	-	-	-	2.82	16.94	48.79	28.63	2.82	-	-	-	-	-
1030	-	-	-	2.05	17.21	50.82	26.64	3.28	-	-	-	-	-
1100	-	-	-	2.88	13.99	51.85	27.98	2.88	0.41	-	-	-	-
1130	-	-	-	2.45	14.69	51.84	27.76	2.86	0.41	-	-	-	-
1200	-	-	-	2.43	15.79	53.44	25.10	2.83	0.40	-	-	-	-
1230	-	-	-	2.48	18.18	57.85	18.60	2.48	0.41	-	-	-	-
1300	-	-	-	3.21	25.70	53.82	16.06	1.20	-	-	-	-	-
1330	-	-	-	4.10	31.15	51.64	12.30	0.82	-	-	-	-	-
1400	-	-	-	5.67	36.03	46.56	10.93	0.81	-	-	-	-	-
1430	-	-	-	6.88	40.49	46.56	5.67	0.40	-	-	-	-	-
1500	-	-	0.40	12.90	37.90	44.35	4.03	0.40	-	-	-	-	-
1530	-	-	0.41	13.82	41.87	39.43	3.66	0.81	-	-	-	-	-
1600	-	-	0.41	16.73	40.82	37.96	3.27	0.82	-	-	-	-	-
1630	-	-	0.41	17.55	40.82	37.55	3.27	0.41	-	-	-	-	-
1700	-	-	0.41	17.96	40.82	36.73	3.67	0.41	-	-	-	-	-
1730	-	-	0.41	20.73	41.06	34.15	3.25	0.41	-	-	-	-	-
1800	-	-	0.40	21.05	40.49	35.22	2.43	0.40	-	-	-	-	-

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
1830	-	-	0.41	21.54	40.24	34.55	2.85	0.41	-	-	-	-	-
1900	-	-	-	22.76	41.46	34.15	1.22	0.41	-	-	-	-	-
1930	-	-	-	23.08	41.30	33.20	2.02	0.40	-	-	-	-	-
2000	-	-	-	22.67	42.91	32.79	1.21	0.40	-	-	-	-	-
2030	-	-	0.41	24.49	42.86	30.61	1.22	0.41	-	-	-	-	-
2100	-	-	0.41	24.49	41.63	32.65	0.82	-	-	-	-	-	-
2130	-	-	0.41	24.90	43.67	30.61	0.41	-	-	-	-	-	-
2200	-	-	-	26.32	44.94	28.34	0.40	-	-	-	-	-	-
2230	-	-	-	28.34	45.75	25.10	0.81	-	-	-	-	-	-
2300	-	-	-	29.39	44.49	25.71	0.41	-	-	-	-	-	-
2330	-	-	0.81	28.05	43.90	26.83	0.41	-	-	-	-	-	-
MEAN	-	-	0.33	17.54	36.89	37.46	7.06	0.69	0.04	-	-	-	-

Min temperature -10° to -6° (time 0230 UTC) – 2.43%

Max temperature 20° to 24° (time 0900, 1100, 1130 and 1230 UTC) – each 0.41%

Mean dominating temperature 5° to 9° – 37.46%



## ABSOLUTE AND MEAN ATMOSPHERIC PRESSURE AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL F**

AERODROME: UGTB

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 140256

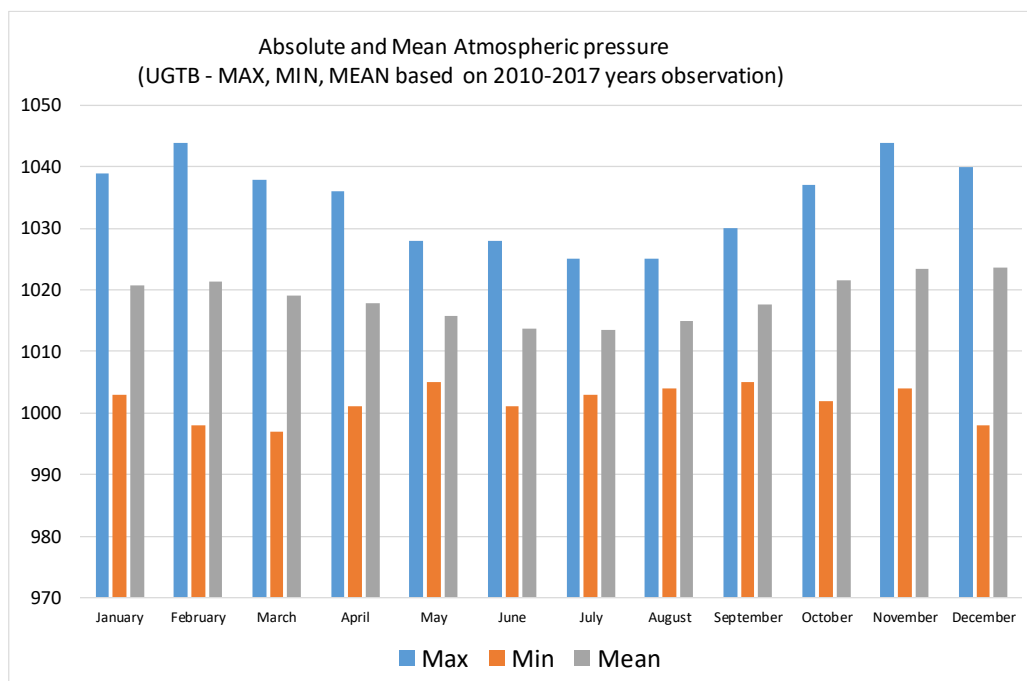
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

<b>Absolute and Mean Atmospheric pressure (UGTB - MAX, MIN, MEAN based on 2010-2018 years observation)</b>			
<b>Pressure (HPA)</b>			
<b>Month</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
January	1039	1003	1021
February	1044	998	1021
March	1038	997	1019
April	1036	1001	1018
May	1028	1005	1016
June	1028	1001	1014
July	1025	1003	1013
August	1025	1004	1015
September	1030	1005	1018
October	1037	1002	1022
November	1044	1004	1024
December	1040	998	1024



Based on the eight years observations in Tbilisi international airport (UGTB):

The Maximum absolute pressure of atmosphere - QNH detected in February and November - 1044 HPA;

The Minimum absolute pressure of atmosphere - QNH detected in March - 997 HPA.

# TEMPERATURE, DEW POINT AND HUMIDITY

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL G**

AERODROME: UGTB

OBSERVATION INTERVAL: 30 MIN.

PERIOD OF RECORD: 2010-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

### JANUARY

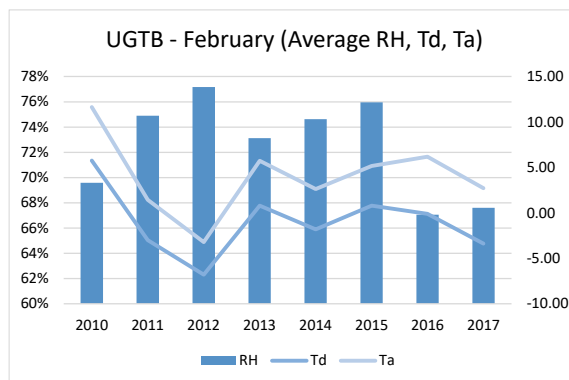
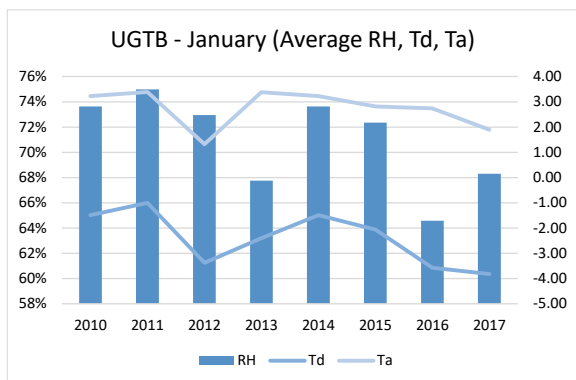
TOTAL NUMBER OF OBSERVATIONS: 11904

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	73.64%	-1.49	3.23
2011	74.98%	-1.01	3.39
2012	72.95%	-3.38	1.32
2013	67.76%	-2.41	3.38
2014	73.64%	-1.49	3.23
2015	72.34%	-2.06	2.82
2016	64.58%	-3.57	2.74
2017	68.31%	-3.82	1.89

### FEBRUARY

TOTAL NUMBER OF OBSERVATIONS: 10848

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	69.58%	5.75	11.65
2011	74.89%	-3.01	1.43
2012	77.17%	-6.81	-3.22
2013	73.12%	0.80	5.73
2014	74.62%	-1.81	2.63
2015	75.95%	0.80	5.15
2016	67.05%	-0.10	6.18
2017	67.61%	-3.39	2.71



### MARCH

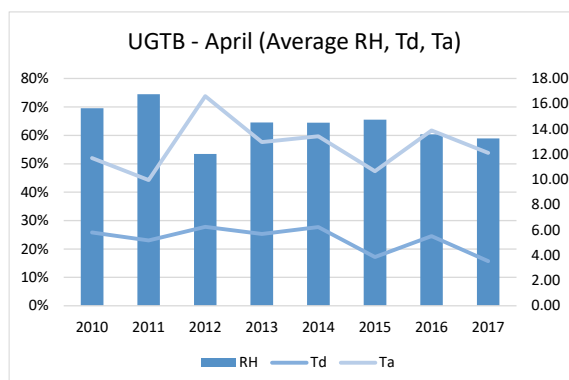
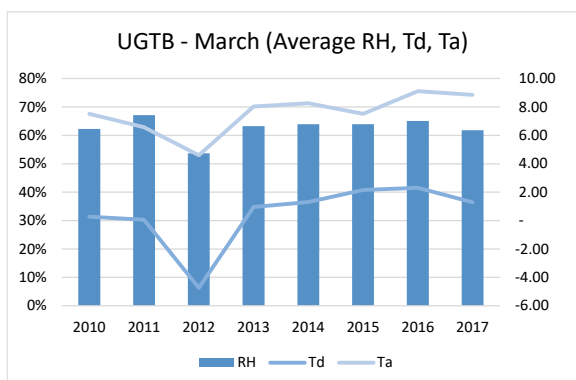
TOTAL NUMBER OF OBSERVATIONS: 11904

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	62.24%	0.27	7.51
2011	67.14%	0.06	6.58
2012	53.67%	-4.74	4.60
2013	63.26%	0.95	8.04
2014	63.97%	1.30	8.26
2015	63.97%	2.15	7.52
2016	65.04%	2.31	9.11
2017	61.82%	1.29	8.86

### APRIL

TOTAL NUMBER OF OBSERVATIONS: 11520

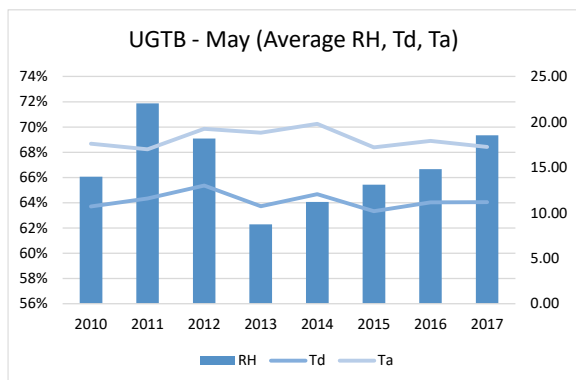
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	69.52%	5.80	11.71
2011	74.51%	5.18	9.96
2012	53.43%	6.25	16.60
2013	64.56%	5.69	12.96
2014	64.44%	6.24	13.43
2015	65.51%	3.86	10.67
2016	60.36%	5.52	13.89
2017	58.94%	3.53	12.10



### MAY

TOTAL NUMBER OF OBSERVATIONS: 11904

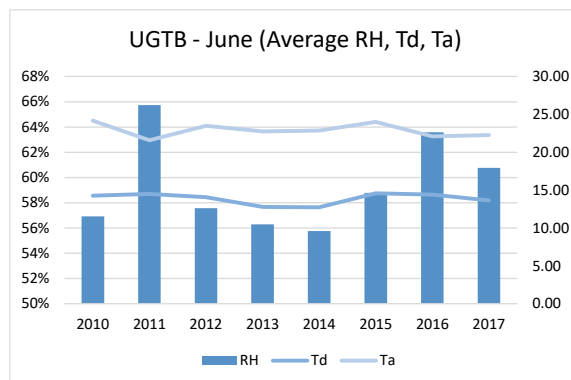
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	66.06%	10.71	17.61
2011	71.88%	11.59	16.98
2012	69.08%	13.01	19.24
2013	62.29%	10.72	18.81
2014	64.07%	12.05	19.80
2015	65.43%	10.19	17.20
2016	66.67%	11.16	17.91
2017	69.34%	11.17	17.25



### JUNE

TOTAL NUMBER OF OBSERVATIONS: 11520

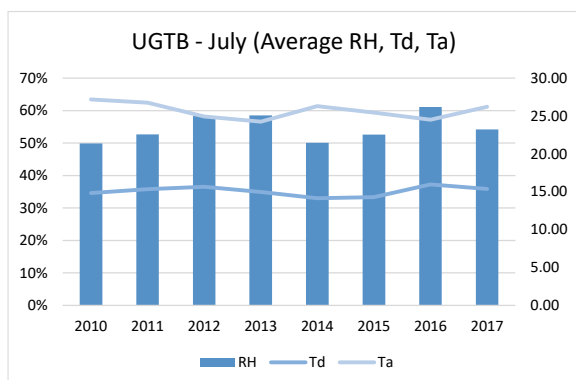
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	56.92%	14.28	24.16
2011	65.73%	14.50	21.60
2012	57.58%	14.05	23.49
2013	56.29%	12.77	22.74
2014	55.76%	12.71	22.85
2015	58.79%	14.59	24.01
2016	63.58%	14.39	22.09
2017	60.76%	13.63	22.28



### JULY

TOTAL NUMBER OF OBSERVATIONS: 11904

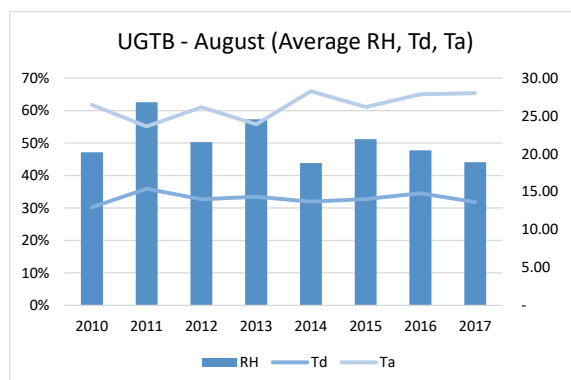
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	49.89%	14.84	27.20
2011	52.69%	15.36	26.78
2012	58.35%	15.66	24.96
2013	58.52%	14.97	24.26
2014	50.07%	14.14	26.33
2015	52.61%	14.28	25.45
2016	61.14%	15.97	24.52
2017	54.19%	15.38	26.24



### AUGUST

TOTAL NUMBER OF OBSERVATIONS: 11904

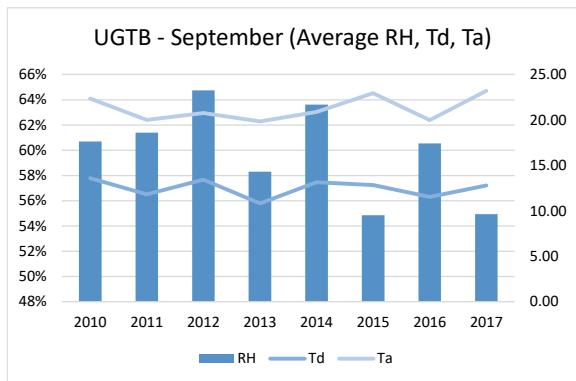
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	47.18%	12.97	26.47
2011	62.58%	15.40	23.63
2012	50.30%	14.01	26.17
2013	57.36%	14.36	23.91
2014	43.86%	13.69	28.29
2015	51.25%	14.03	26.21
2016	47.79%	14.80	27.88
2017	44.12%	13.64	28.02



### SEPTEMBER

TOTAL NUMBER OF OBSERVATIONS: 11520

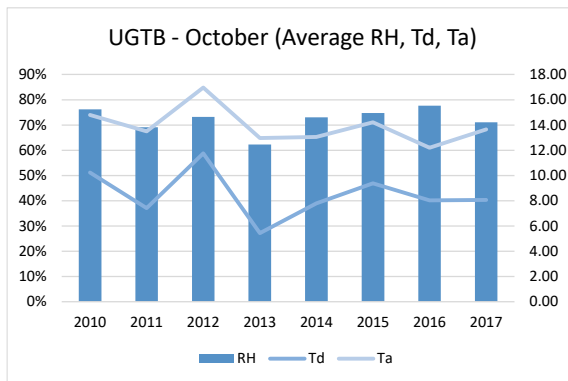
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	60.70%	13.60	22.36
2011	61.40%	11.81	20.01
2012	64.74%	13.43	20.76
2013	58.31%	10.83	19.85
2014	63.62%	13.16	20.89
2015	54.86%	12.84	22.94
2016	60.53%	11.52	19.99
2017	54.94%	12.78	23.22



### OCTOBER

TOTAL NUMBER OF OBSERVATIONS: 11904

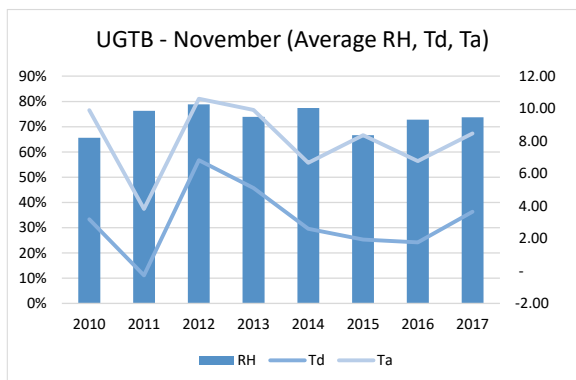
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	76.20%	10.24	14.79
2011	69.10%	7.41	13.51
2012	73.21%	11.76	16.96
2013	62.28%	5.43	12.96
2014	73.00%	7.79	13.05
2015	74.78%	9.38	14.21
2016	77.67%	8.04	12.20
2017	71.08%	8.07	13.64



### NOVEMBER

TOTAL NUMBER OF OBSERVATIONS: 11520

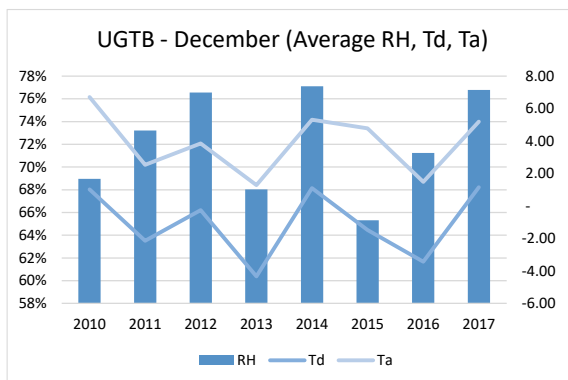
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	65.59%	3.18	9.91
2011	76.29%	-0.27	3.82
2012	78.88%	6.82	10.61
2013	73.90%	5.11	9.92
2014	77.44%	2.60	6.67
2015	66.59%	1.94	8.37
2016	72.74%	1.75	6.77
2017	73.75%	3.64	8.47



### DECEMBER

TOTAL NUMBER OF OBSERVATIONS: 11904

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	68.96%	1.02	6.71
2011	73.22%	-2.14	2.54
2012	76.56%	-0.26	3.86
2013	68.04%	-4.34	1.29
2014	77.11%	1.10	5.32
2015	65.33%	-1.48	4.79
2016	71.24%	-3.42	1.48
2017	76.78%	1.15	5.19



# WEATHER PHENOMENA

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

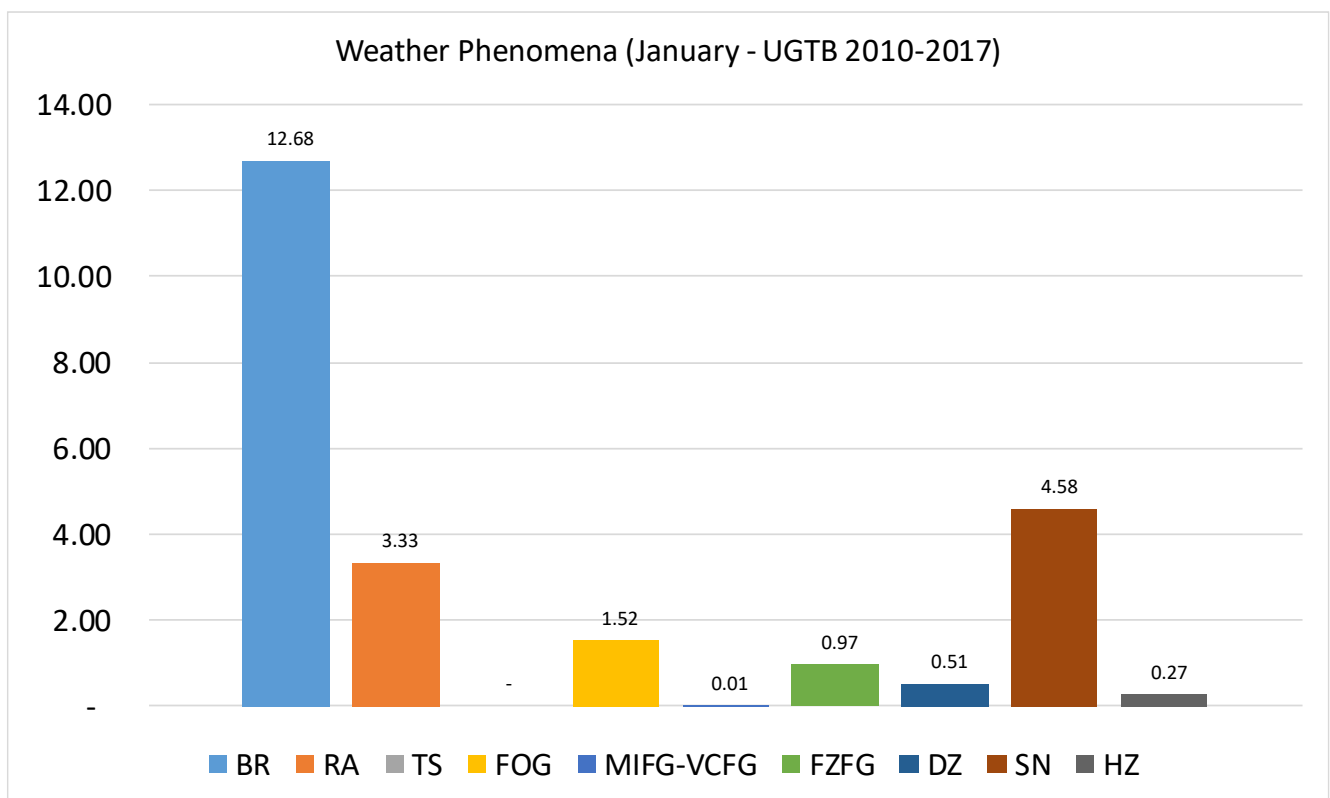
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	13.64	2.89	-	1.65	-	1.24	0.83	2.89	-
0030	13.71	5.24	-	2.02	-	0.81	0.40	5.24	-
0100	12.20	4.47	-	2.03	-	1.22	-	5.28	-
0130	12.35	4.94	-	2.06	-	0.82	0.41	5.35	-
0200	11.74	4.45	-	2.43	-	1.21	-	4.86	-
0230	10.83	4.58	-	3.75	-	2.08	-	6.25	-
0300	10.29	4.12	-	3.70	-	2.06	-	6.58	-
0330	8.94	2.85	-	4.07	-	2.44	0.41	6.10	-
0400	10.29	2.88	-	3.70	-	2.47	-	5.35	-
0430	15.42	2.50	-	4.17	-	2.08	0.83	5.42	-
0500	15.92	4.90	-	4.90	-	2.04	1.63	6.12	-
0530	16.60	5.26	-	4.86	-	2.43	0.40	5.26	-
0600	16.26	3.25	-	3.25	-	2.03	-	5.69	0.41
0630	19.51	3.66	-	2.44	-	2.03	-	4.88	0.41
0700	17.07	2.85	-	2.85	-	1.63	0.41	4.07	0.41
0730	18.11	3.29	-	1.65	-	0.41	-	4.94	0.41
0800	18.62	4.05	-	1.21	-	0.40	0.40	5.67	0.40
0830	17.41	4.45	-	0.81	-	0.81	0.81	4.86	0.81
0900	15.10	4.90	-	1.22	-	-	1.22	4.90	0.41
0930	13.28	2.49	-	0.41	-	0.41	-	5.39	0.41
1000	13.41	2.03	-	-	-	0.41	0.41	5.28	0.41
1030	14.40	2.47	-	-	-	-	-	5.76	0.41
1100	14.40	3.20	-	-	-	-	-	4.80	0.40
1130	11.34	3.24	-	-	-	0.40	-	4.45	0.40
1200	11.29	2.42	-	-	-	-	-	2.82	0.81
1230	11.57	3.31	-	0.41	-	-	-	3.31	0.83
1300	12.35	2.06	-	0.41	-	-	-	4.53	0.41
1330	11.72	2.51	-	0.42	-	-	-	2.93	0.84
1400	12.70	2.87	-	-	-	-	-	3.69	2.05
1430	8.98	3.27	-	-	-	-	0.41	3.67	1.22
1500	8.98	2.04	-	-	-	0.41	1.22	4.08	0.82
1530	9.43	3.28	-	-	-	-	0.82	3.28	0.41
1600	9.47	3.29	-	-	-	0.41	0.82	3.29	0.41
1630	10.89	2.82	-	-	0.40	0.40	0.40	3.23	-
1700	10.57	2.44	-	0.41	-	1.22	1.22	3.25	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	11.07	2.46	-	-	-	1.23	2.05	3.69	-
1800	11.79	1.63	-	0.41	-	1.63	1.22	3.66	-
1830	11.79	2.85	-	0.41	-	2.03	0.81	3.25	-
1900	10.74	2.48	-	1.24	-	0.83	0.83	3.72	-
1930	10.37	3.32	-	1.24	-	1.24	0.41	4.98	-
2000	11.38	3.66	-	1.63	-	1.63	0.41	4.88	-
2030	9.09	3.72	-	2.48	-	1.24	0.41	4.96	-
2100	11.38	3.25	-	1.22	-	1.22	0.81	4.07	-
2130	10.12	3.64	-	2.43	-	1.62	0.81	4.45	-
2200	13.17	4.53	-	1.65	-	0.41	0.41	4.94	-
2230	12.85	4.02	-	1.20	-	0.40	0.80	5.62	-
2300	13.88	2.04	-	2.45	-	0.41	1.63	4.49	-
2330	12.45	2.90	-	1.66	-	0.83	0.83	3.73	-
Mean	12.68	3.33	-	1.52	0.01	0.97	0.51	4.58	0.27



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in January are: mist – 12.68%, snow – 4.58%, rain – 3.33%.

No thunderstorm activities were observed in January.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10848

OBSERVATION INTERVAL: 30 MIN.

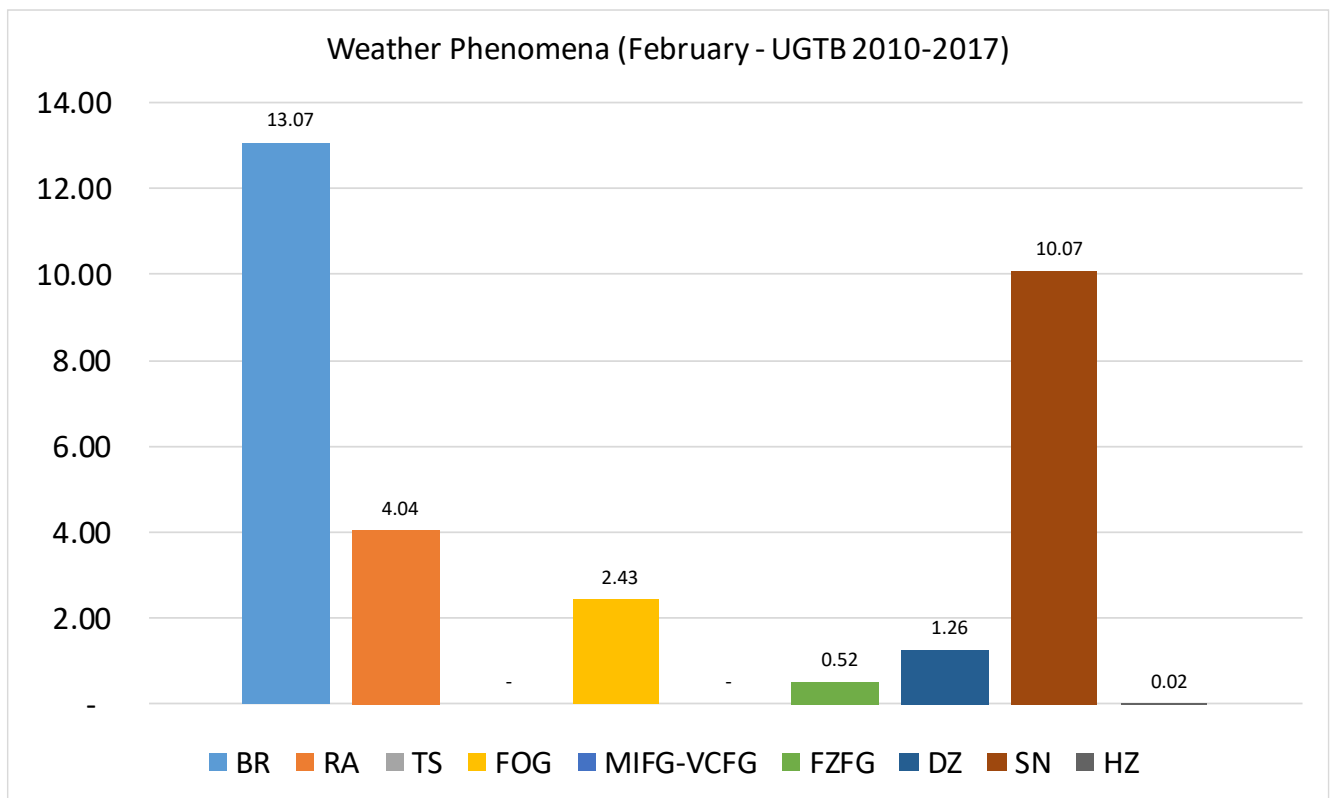
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	13.46	3.85	-	3.85	-	0.96	2.88	14.42	-
0030	12.38	5.24	-	3.33	-	2.86	1.43	13.81	-
0100	12.98	6.25	-	2.88	-	1.44	-	13.94	-
0130	13.11	5.34	-	2.43	-	0.97	-	14.08	-
0200	15.38	6.73	-	2.40	-	0.48	0.48	13.46	-
0230	14.01	5.31	-	3.86	-	0.48	0.97	14.49	-
0300	15.38	5.77	-	3.85	-	-	0.48	12.98	-
0330	15.61	5.37	-	4.88	-	0.98	0.98	14.15	-
0400	20.49	4.39	-	5.85	-	1.95	1.95	13.66	-
0430	22.55	5.39	-	4.41	-	1.47	1.47	12.25	-
0500	23.79	3.88	-	4.85	-	0.97	2.43	13.11	-
0530	25.62	2.46	-	3.45	-	0.99	2.46	14.78	-
0600	22.06	2.94	-	3.43	-	0.98	1.96	14.22	-
0630	20.98	3.90	-	3.41	-	0.49	0.98	13.17	-
0700	22.44	1.95	-	2.93	-	0.49	1.95	13.66	-
0730	19.02	2.93	-	3.41	-	-	1.46	13.17	-
0800	17.87	2.42	-	2.42	-	-	1.93	9.18	-
0830	17.22	2.87	-	1.44	-	-	1.44	11.00	-
0900	14.90	3.85	-	0.48	-	-	0.48	8.17	-
0930	14.83	4.31	-	-	-	-	-	9.57	-
1000	12.50	4.33	-	1.92	-	-	0.48	9.13	-
1030	10.29	3.92	-	1.96	-	-	0.98	6.86	-
1100	10.58	4.33	-	1.44	-	-	0.96	7.69	-
1130	11.54	4.33	-	0.48	-	-	0.96	6.25	-
1200	9.18	3.86	-	-	-	-	0.97	6.28	-
1230	9.13	3.37	-	0.96	-	-	0.96	5.29	0.48
1300	11.96	3.35	-	-	-	-	1.44	4.31	0.48
1330	12.08	4.83	-	-	-	-	1.93	3.86	-
1400	10.58	3.85	-	0.48	-	-	1.44	5.29	-
1430	10.78	3.92	-	-	-	-	1.47	4.41	-
1500	10.24	2.93	-	0.49	-	-	1.46	4.39	-
1530	6.76	3.38	-	1.45	-	-	0.48	5.80	-
1600	6.86	2.94	-	1.47	-	-	1.47	5.88	-
1630	7.88	2.46	-	0.49	-	0.49	0.99	5.91	-
1700	9.31	3.43	-	0.98	-	-	1.47	5.88	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	10.19	5.83	-	1.94	-	0.49	0.97	6.80	-
1800	10.24	3.90	-	1.95	-	-	-	7.32	-
1830	8.74	3.88	-	3.40	-	0.49	0.97	9.22	-
1900	8.25	3.40	-	2.43	-	0.49	0.97	11.17	-
1930	9.00	3.50	-	2.50	-	-	1.50	11.00	-
2000	8.25	3.40	-	2.91	-	-	1.94	11.65	-
2030	9.27	2.93	-	3.90	-	-	2.44	10.73	-
2100	8.00	5.50	-	4.50	-	0.50	0.50	12.00	-
2130	9.50	5.00	-	3.50	-	1.00	1.00	13.00	-
2200	8.25	3.88	-	3.88	-	1.46	0.97	12.14	-
2230	9.64	3.55	-	3.55	-	2.03	1.52	11.17	-
2300	11.50	4.50	-	3.50	-	2.00	2.00	12.00	-
2330	12.50	4.17	-	3.13	-	0.52	2.60	10.42	-
Mean	13.07	4.04	-	2.43	-	0.52	1.26	10.07	0.02



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in February are: mist – 13.07%, snow – 10.07%, rain – 4.04%.

No thunderstorm activities were observed in February.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

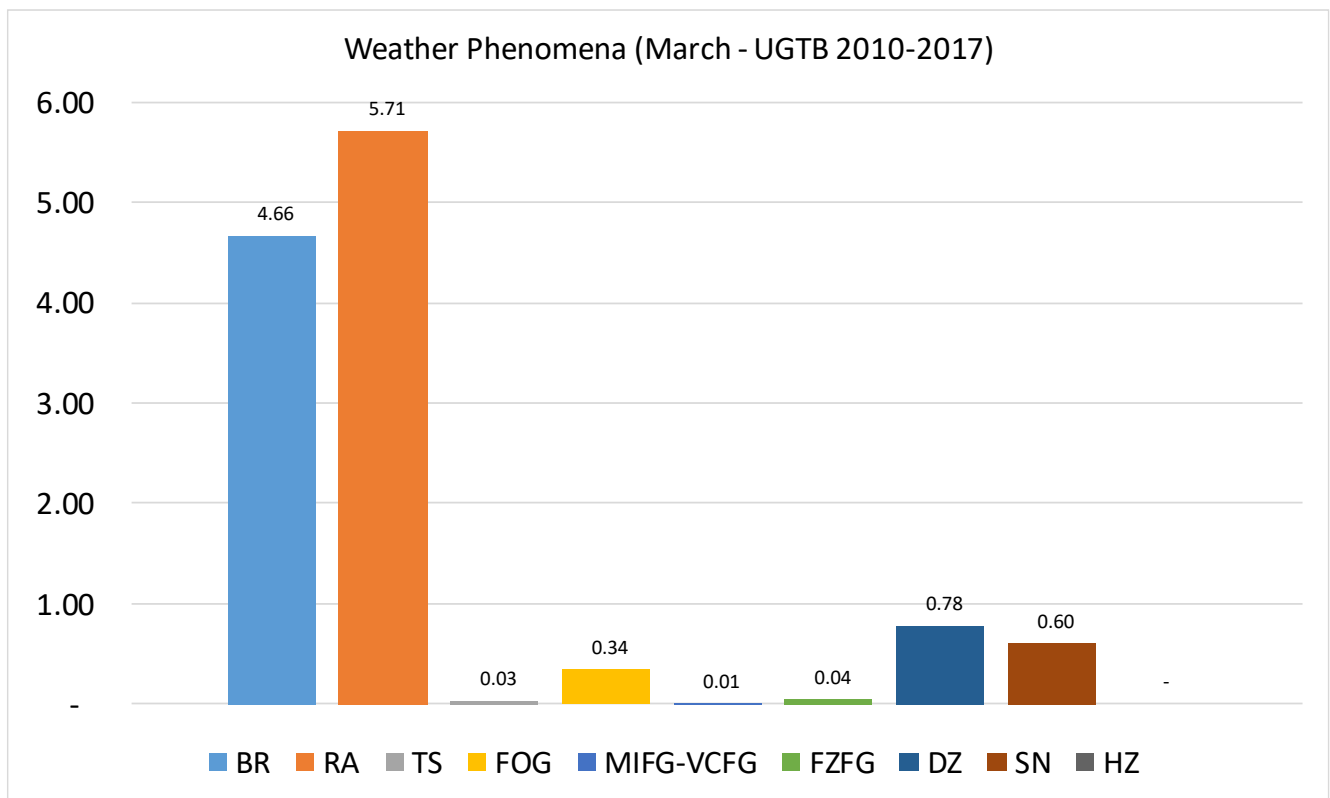
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.78	5.88	-	0.42	-	-	0.84	0.84	-
0030	4.07	5.28	-	0.41	-	0.41	0.81	1.22	-
0100	2.83	5.26	-	0.81	-	0.40	0.40	1.21	-
0130	3.70	4.94	-	0.82	0.41	-	-	0.82	-
0200	3.69	4.92	-	0.82	-	-	0.41	0.82	-
0230	3.66	4.07	-	0.41	-	-	-	0.81	-
0300	6.20	4.55	-	1.65	-	-	0.41	0.41	-
0330	15.10	5.31	-	1.22	-	-	1.22	0.41	-
0400	15.10	3.67	-	0.82	-	-	2.45	1.22	-
0430	12.40	5.37	-	1.24	-	0.41	0.83	1.24	-
0500	12.15	4.86	-	2.43	-	0.40	1.21	0.81	-
0530	11.89	6.15	-	2.46	-	-	1.64	2.46	-
0600	10.74	5.37	-	1.24	-	-	0.83	1.65	-
0630	10.70	4.53	-	-	-	-	1.23	1.65	-
0700	10.29	4.94	-	-	-	-	1.23	1.23	-
0730	8.23	4.53	-	0.41	-	-	1.23	-	-
0800	7.82	4.12	-	0.41	-	-	0.41	-	-
0830	5.31	4.90	-	-	-	-	-	-	-
0900	3.63	4.03	-	-	-	-	1.21	-	-
0930	3.70	4.94	-	-	-	-	1.23	0.41	-
1000	2.48	3.72	-	-	-	-	0.83	0.41	-
1030	2.89	4.55	-	-	-	-	1.24	0.41	-
1100	3.73	4.56	-	-	-	-	0.41	0.83	-
1130	2.44	4.88	-	-	-	-	0.81	0.41	-
1200	1.63	4.08	-	-	-	0.41	0.82	0.41	-
1230	2.05	4.51	0.82	-	-	-	0.41	0.41	-
1300	2.87	4.92	-	-	-	-	1.23	0.41	-
1330	2.45	6.12	-	-	-	-	0.41	0.41	-
1400	1.65	6.61	-	-	-	-	0.83	0.41	-
1430	2.07	5.39	-	-	-	-	-	0.41	-
1500	2.07	6.22	-	-	-	-	-	0.41	-
1530	1.63	8.16	-	-	-	-	0.41	0.41	-
1600	1.22	8.13	-	-	-	-	-	0.41	-
1630	1.64	8.20	-	-	-	-	0.41	-	-
1700	1.24	7.44	-	-	-	-	0.41	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.82	7.41	-	-	-	-	0.41	-	-
1800	2.04	5.71	-	-	-	-	0.41	-	-
1830	1.24	6.20	-	0.41	-	-	0.83	0.41	-
1900	1.64	6.15	-	0.41	-	-	0.82	-	-
1930	2.87	6.15	-	-	-	-	1.23	-	-
2000	3.66	7.72	0.41	-	-	-	0.81	0.41	-
2030	3.69	6.15	0.41	-	-	-	1.23	0.41	-
2100	3.69	6.56	-	-	-	-	1.23	0.41	-
2130	4.05	7.69	-	-	-	-	1.21	0.81	-
2200	4.03	7.26	-	-	-	-	0.81	0.40	-
2230	3.24	7.29	-	-	-	-	0.81	0.81	-
2300	2.47	6.17	-	-	-	-	0.82	0.82	-
2330	3.33	8.33	-	-	-	-	0.83	1.25	-
Mean	4.66	5.71	0.03	0.34	0.01	0.04	0.78	0.60	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in March are: rain – 5.71%, mist – 4.66%, drizzle – 0.78%.

The activity of thunderstorms in March constitutes 0.03%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

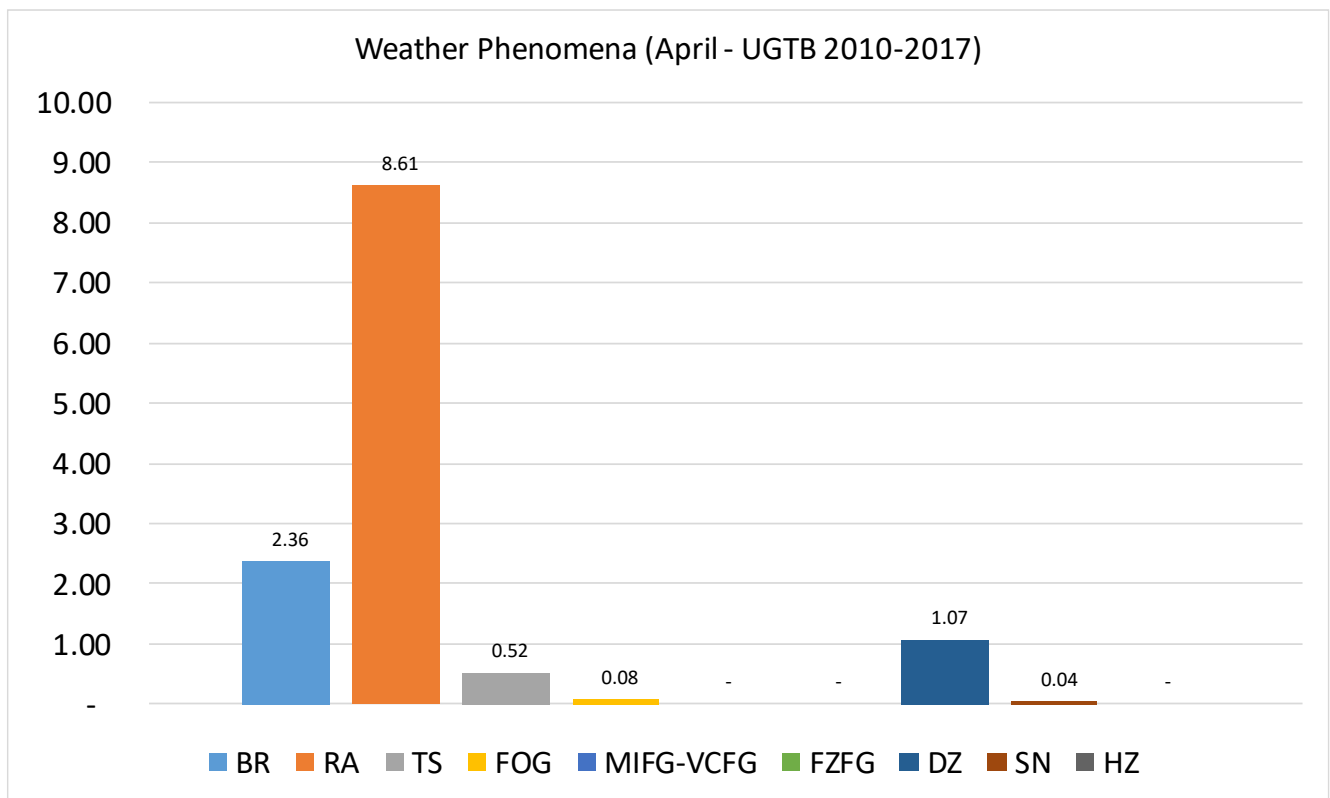
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.69	10.17	-	-	-	-	0.85	-	-
0030	2.10	8.82	-	-	-	-	1.68	-	-
0100	2.10	11.76	0.42	-	-	-	1.68	-	-
0130	2.10	8.40	0.42	0.42	-	-	2.10	-	-
0200	2.48	9.50	-	1.24	-	-	0.83	-	-
0230	6.38	8.09	-	0.43	-	-	0.85	-	-
0300	6.78	7.63	-	-	-	-	-	0.42	-
0330	6.38	8.94	-	0.43	-	-	0.43	0.43	-
0400	6.41	8.97	-	-	-	-	1.71	-	-
0430	5.06	8.02	-	-	-	-	1.69	-	-
0500	4.20	8.40	-	-	-	-	2.10	-	-
0530	4.22	8.02	-	-	-	-	2.11	-	-
0600	3.36	6.72	-	0.42	-	-	2.10	-	-
0630	2.98	7.23	-	0.43	-	-	1.70	-	-
0700	2.51	6.28	-	-	-	-	1.26	0.84	-
0730	1.29	5.60	-	-	-	-	1.29	-	-
0800	1.27	6.36	-	-	-	-	0.85	-	-
0830	1.26	8.40	0.42	-	-	-	1.26	-	-
0900	1.26	8.40	0.42	-	-	-	1.68	-	-
0930	1.72	7.33	0.43	-	-	-	1.29	-	-
1000	1.27	6.33	0.42	-	-	-	1.27	-	-
1030	1.29	9.01	0.43	-	-	-	1.29	-	-
1100	1.25	6.67	-	-	-	-	0.83	-	-
1130	1.26	8.37	0.84	-	-	-	1.26	-	-
1200	1.26	6.28	0.84	-	-	-	0.84	-	-
1230	1.27	9.32	1.69	-	-	-	0.42	-	-
1300	0.83	9.17	2.50	-	-	-	0.83	-	-
1330	1.27	8.05	0.85	-	-	-	0.85	-	-
1400	0.42	8.37	1.26	-	-	-	-	-	-
1430	1.69	8.02	0.84	-	-	-	0.84	-	-
1500	2.48	8.68	1.65	-	-	-	-	-	-
1530	2.55	10.21	1.28	-	-	-	-	-	-
1600	2.52	8.82	0.42	-	-	-	-	-	-
1630	1.69	9.28	1.69	-	-	-	0.84	-	-
1700	2.08	8.75	0.83	-	-	-	0.42	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.67	9.58	0.83	-	-	-	0.83	-	-
1800	1.65	9.50	0.83	-	-	-	1.24	-	-
1830	2.09	9.62	0.84	-	-	-	1.67	-	-
1900	2.49	9.54	1.24	-	-	-	0.83	0.41	-
1930	2.09	9.62	1.26	-	-	-	1.26	-	-
2000	1.67	10.00	1.67	-	-	-	0.83	-	-
2030	2.51	9.62	0.42	-	-	-	1.26	-	-
2100	2.07	7.88	-	-	-	-	0.83	-	-
2130	1.27	11.39	-	-	-	-	0.84	-	-
2200	2.09	11.30	-	-	-	-	0.84	-	-
2230	2.09	10.46	0.42	-	-	-	1.67	-	-
2300	1.68	7.98	-	-	-	-	0.84	-	-
2330	1.26	8.40	-	0.42	-	-	1.26	-	-
Mean	2.36	8.61	0.52	0.08	-	-	1.07	0.04	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in April are: rain – 8.61%, mist – 2.36%, drizzle – 1.07%.

The activity of thunderstorms in April constitutes 0.52%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

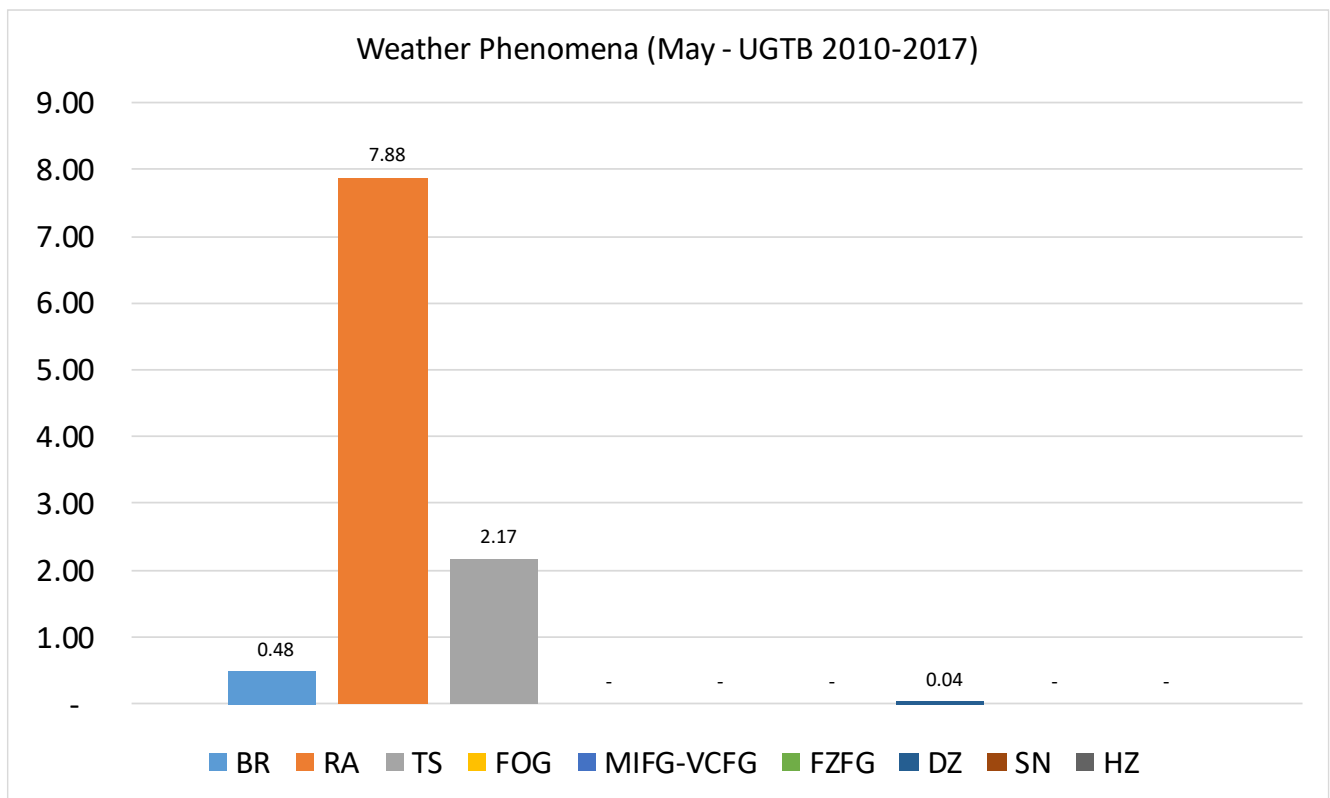
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	6.78	0.85	-	-	-	-	-	-
0030	0.41	6.53	1.22	-	-	-	-	-	-
0100	0.40	8.06	-	-	-	-	-	-	-
0130	0.81	7.66	0.40	-	-	-	-	-	-
0200	0.80	4.82	-	-	-	-	-	-	-
0230	0.80	6.43	-	-	-	-	-	-	-
0300	0.82	5.35	-	-	-	-	-	-	-
0330	0.41	8.54	0.81	-	-	-	-	-	-
0400	0.40	8.10	1.21	-	-	-	0.40	-	-
0430	0.41	5.76	-	-	-	-	0.41	-	-
0500	0.40	4.86	-	-	-	-	-	-	-
0530	0.41	4.92	-	-	-	-	-	-	-
0600	0.80	5.62	0.40	-	-	-	-	-	-
0630	0.82	7.00	1.65	-	-	-	-	-	-
0700	0.41	7.05	0.41	-	-	-	-	-	-
0730	1.22	5.69	0.81	-	-	-	-	-	-
0800	1.22	5.71	1.63	-	-	-	-	-	-
0830	0.82	5.35	0.82	-	-	-	-	-	-
0900	0.83	5.37	2.07	-	-	-	-	-	-
0930	0.84	6.72	2.10	-	-	-	-	-	-
1000	0.84	7.11	2.51	-	-	-	-	-	-
1030	0.84	7.11	3.35	-	-	-	-	-	-
1100	0.42	5.83	1.25	-	-	-	-	-	-
1130	0.42	7.92	2.08	-	-	-	-	-	-
1200	-	7.88	3.32	-	-	-	-	-	-
1230	-	8.75	3.33	-	-	-	-	-	-
1300	-	10.04	3.77	-	-	-	-	-	-
1330	-	10.55	6.33	-	-	-	-	-	-
1400	0.42	9.62	5.44	-	-	-	-	-	-
1430	0.41	10.29	5.76	-	-	-	-	-	-
1500	0.41	8.26	4.13	-	-	-	-	-	-
1530	0.41	9.02	4.51	-	-	-	-	-	-
1600	0.82	10.29	6.17	-	-	-	-	-	-
1630	-	9.05	4.53	-	-	-	-	-	-
1700	-	9.66	3.36	-	-	-	-	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	9.84	3.28	-	-	-	0.41	-	-
1800	-	10.70	3.70	-	-	-	-	-	-
1830	0.41	10.29	3.70	-	-	-	-	-	-
1900	0.41	10.25	3.69	-	-	-	-	-	-
1930	0.40	8.47	3.23	-	-	-	-	-	-
2000	0.40	8.50	4.45	-	-	-	-	-	-
2030	0.41	9.84	3.28	-	-	-	-	-	-
2100	0.41	10.16	2.44	-	-	-	-	-	-
2130	0.41	10.20	1.22	-	-	-	-	-	-
2200	0.39	7.09	0.39	-	-	-	0.79	-	-
2230	0.81	8.54	-	-	-	-	-	-	-
2300	0.41	8.64	-	-	-	-	-	-	-
2330	0.41	7.85	0.41	-	-	-	-	-	-
Mean	0.48	7.88	2.17	-	-	-	0.04	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in May are: rain – 7.88%, mist – 0.48%, drizzle – 0.04%.

The activity of thunderstorms in May constitutes 2.17%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

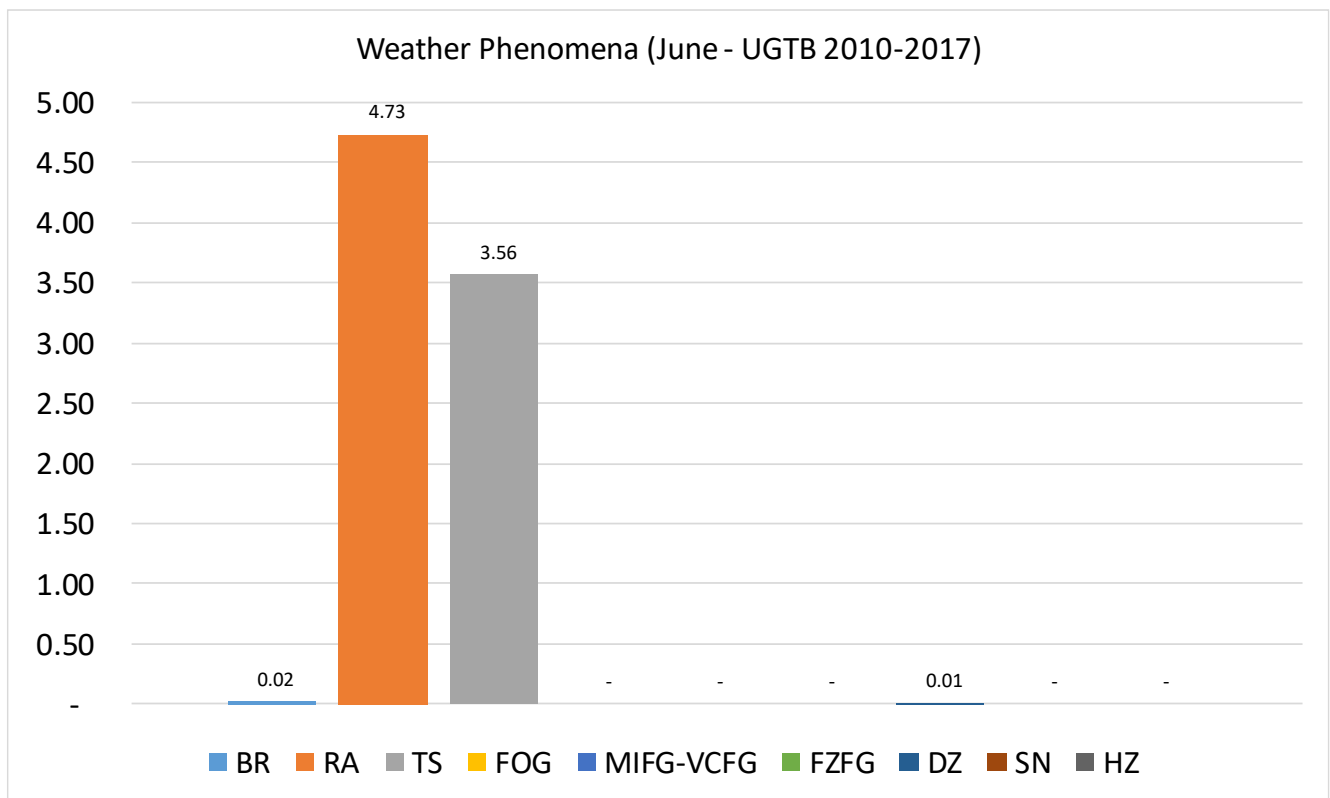
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	4.94	1.65	-	-	-	-	-	-
0030	-	4.56	2.49	-	-	-	-	-	-
0100	-	3.28	2.46	-	-	-	-	-	-
0130	-	4.22	1.27	-	-	-	-	-	-
0200	-	4.96	0.83	-	-	-	-	-	-
0230	-	3.73	0.41	-	-	-	-	-	-
0300	-	2.51	-	-	-	-	-	-	-
0330	-	4.12	0.41	-	-	-	-	-	-
0400	0.42	3.75	0.83	-	-	-	-	-	-
0430	-	3.72	0.41	-	-	-	-	-	-
0500	-	2.49	0.41	-	-	-	-	-	-
0530	-	1.67	-	-	-	-	-	-	-
0600	-	1.24	-	-	-	-	-	-	-
0630	-	3.38	0.42	-	-	-	-	-	-
0700	-	2.07	0.83	-	-	-	-	-	-
0730	-	1.69	0.42	-	-	-	-	-	-
0800	-	1.68	0.84	-	-	-	-	-	-
0830	-	0.85	-	-	-	-	-	-	-
0900	-	1.65	0.82	-	-	-	-	-	-
0930	-	1.68	0.84	-	-	-	-	-	-
1000	-	2.09	1.26	-	-	-	-	-	-
1030	-	2.07	1.24	-	-	-	-	-	-
1100	-	2.93	2.51	-	-	-	-	-	-
1130	-	3.77	2.51	-	-	-	-	-	-
1200	-	4.24	3.81	-	-	-	-	-	-
1230	-	2.97	3.39	-	-	-	-	-	-
1300	-	3.78	3.78	-	-	-	-	-	-
1330	-	5.91	5.06	-	-	-	0.42	-	-
1400	-	6.20	6.61	-	-	-	-	-	-
1430	-	6.72	7.98	-	-	-	-	-	-
1500	-	8.09	10.64	-	-	-	-	-	-
1530	-	7.17	7.59	-	-	-	-	-	-
1600	-	5.44	5.44	-	-	-	-	-	-
1630	-	6.81	6.38	-	-	-	-	-	-
1700	0.42	6.33	7.17	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	7.47	8.71	-	-	-	-	-	-
1800	-	5.81	9.13	-	-	-	-	-	-
1830	-	7.44	8.68	-	-	-	-	-	-
1900	-	5.49	6.75	-	-	-	-	-	-
1930	-	7.47	7.88	-	-	-	-	-	-
2000	-	7.53	8.37	-	-	-	-	-	-
2030	-	11.20	8.30	-	-	-	-	-	-
2100	-	7.85	4.96	-	-	-	-	-	-
2130	-	8.75	5.00	-	-	-	-	-	-
2200	-	8.71	4.98	-	-	-	-	-	-
2230	-	7.59	3.80	-	-	-	-	-	-
2300	-	5.83	1.67	-	-	-	-	-	-
2330	-	3.39	2.12	-	-	-	-	-	-
Mean	0.02	4.73	3.56	-	-	-	0.01	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in June are: rain – 4.73%, mist – 0.02%, drizzle – 0.01%.

The activity of thunderstorms in June constitutes 3.56%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

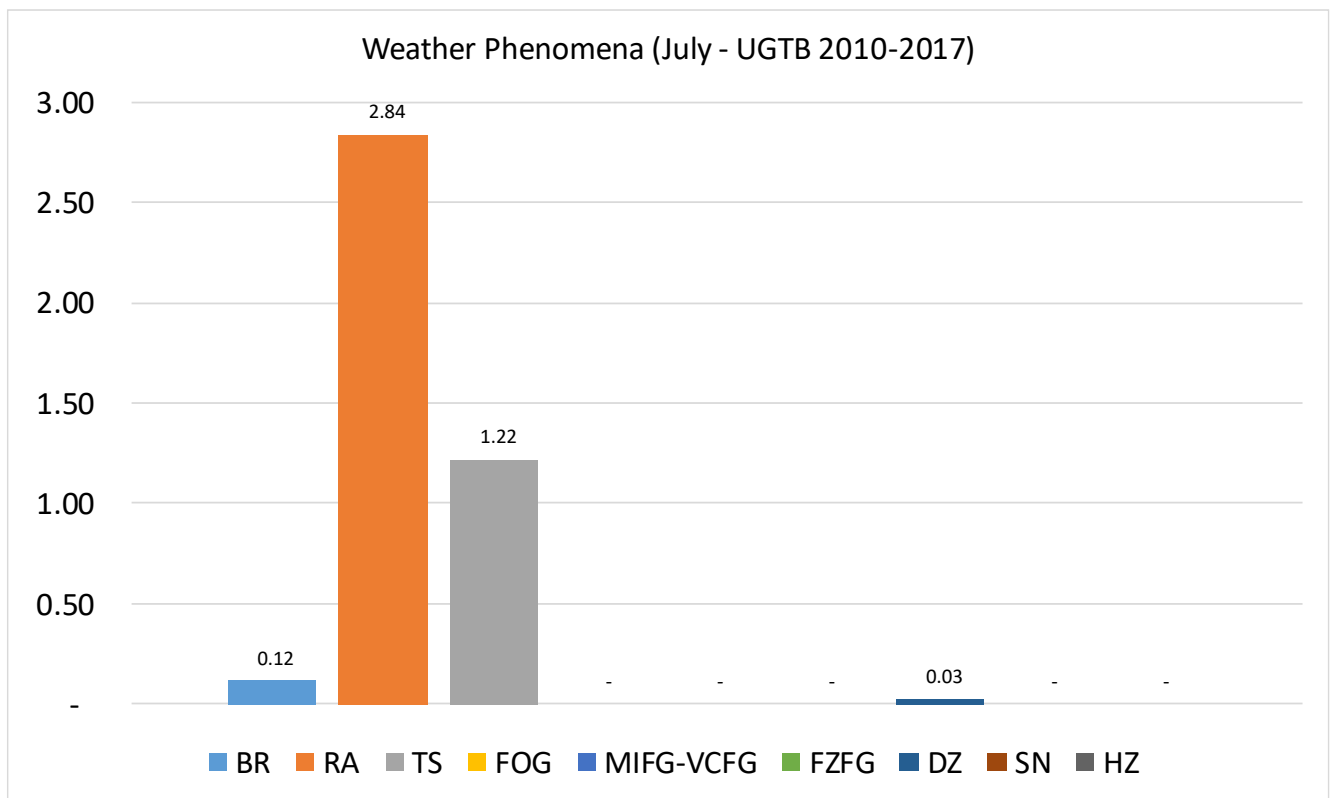
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	2.85	0.81	-	-	-	-	-	-
0030	-	3.23	0.81	-	-	-	-	-	-
0100	-	2.41	1.61	-	-	-	-	-	-
0130	-	4.86	0.81	-	-	-	0.81	-	-
0200	-	4.84	0.81	-	-	-	-	-	-
0230	0.41	4.51	0.41	-	-	-	-	-	-
0300	0.40	3.20	1.20	-	-	-	-	-	-
0330	0.40	4.05	0.81	-	-	-	-	-	-
0400	-	2.41	-	-	-	-	-	-	-
0430	0.41	2.45	-	-	-	-	-	-	-
0500	0.40	2.42	-	-	-	-	-	-	-
0530	0.41	1.63	-	-	-	-	-	-	-
0600	0.41	2.05	-	-	-	-	-	-	-
0630	0.41	2.07	0.83	-	-	-	-	-	-
0700	0.41	2.03	0.81	-	-	-	-	-	-
0730	0.40	1.21	0.81	-	-	-	-	-	-
0800	0.40	1.21	0.81	-	-	-	-	-	-
0830	0.40	0.81	-	-	-	-	-	-	-
0900	0.41	0.41	-	-	-	-	-	-	-
0930	0.41	0.41	0.82	-	-	-	-	-	-
1000	-	1.22	0.41	-	-	-	-	-	-
1030	-	1.64	0.82	-	-	-	-	-	-
1100	-	0.41	0.41	-	-	-	-	-	-
1130	-	0.41	-	-	-	-	-	-	-
1200	-	0.82	-	-	-	-	-	-	-
1230	-	0.41	1.24	-	-	-	-	-	-
1300	-	0.41	2.04	-	-	-	-	-	-
1330	-	0.81	2.02	-	-	-	0.40	-	-
1400	-	1.63	2.04	-	-	-	-	-	-
1430	-	2.41	2.81	-	-	-	-	-	-
1500	-	2.40	2.40	-	-	-	-	-	-
1530	-	3.72	2.07	-	-	-	-	-	-
1600	-	2.81	3.21	-	-	-	-	-	-
1630	-	3.75	2.92	-	-	-	-	-	-
1700	-	4.56	3.73	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	4.90	4.08	-	-	-	-	-	-
1800	-	5.22	3.21	-	-	-	-	-	-
1830	-	3.63	3.23	-	-	-	-	-	-
1900	-	4.88	1.22	-	-	-	-	-	-
1930	-	5.67	0.81	-	-	-	-	-	-
2000	-	4.90	1.22	-	-	-	-	-	-
2030	-	5.35	0.41	-	-	-	-	-	-
2100	-	4.00	1.60	-	-	-	-	-	-
2130	-	4.42	1.61	-	-	-	-	-	-
2200	-	4.53	0.82	-	-	-	-	-	-
2230	-	4.53	0.82	-	-	-	-	-	-
2300	-	4.45	1.21	-	-	-	-	-	-
2330	-	3.35	0.84	-	-	-	-	-	-
Mean	0.12	2.84	1.22	-	-	-	0.03	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in July are: rain – 2.84%, mist – 0.12%, drizzle – 0.03%.

The activity of thunderstorms in July constitutes 1.22%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

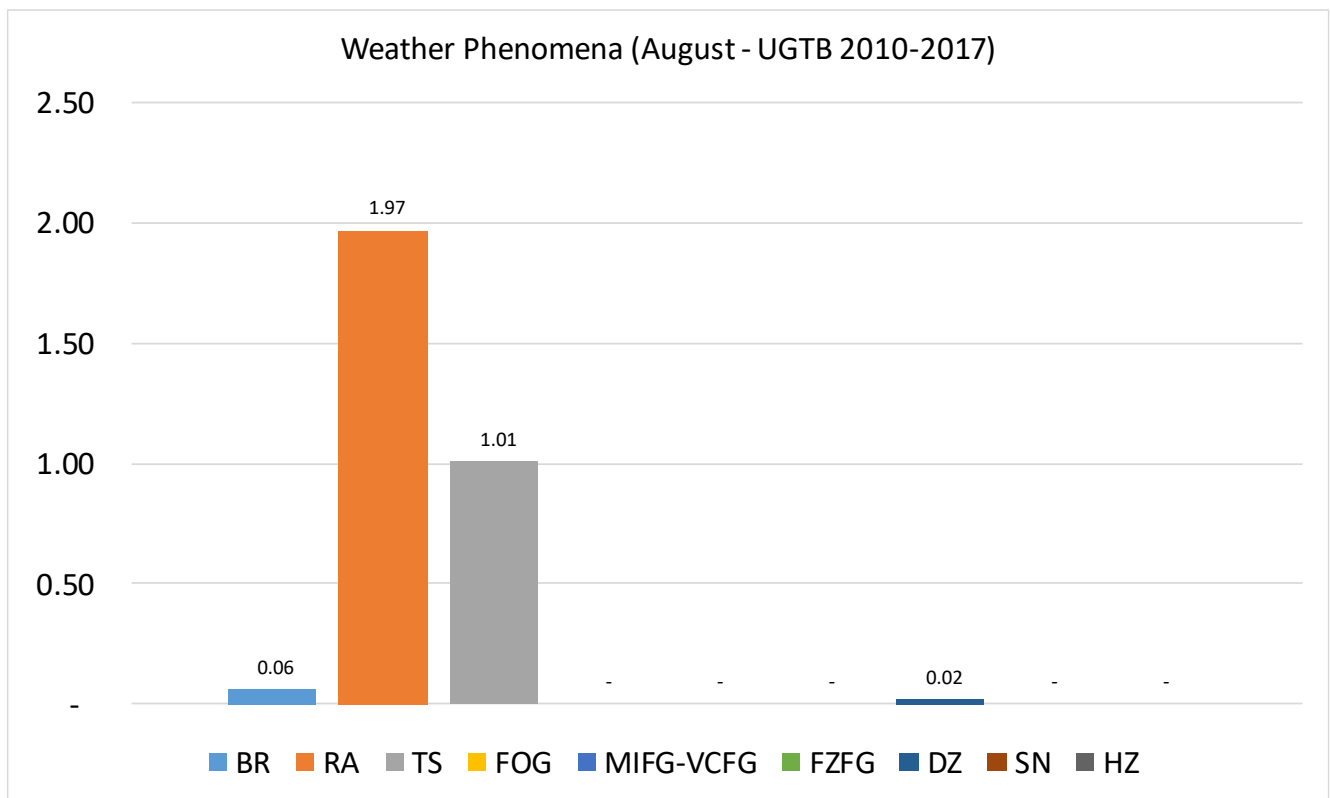
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	1.71	0.85	-	-	-	-	-	-
0030	-	2.90	1.24	-	-	-	-	-	-
0100	0.42	1.67	1.26	-	-	-	0.42	-	-
0130	0.42	4.18	2.09	-	-	-	-	-	-
0200	0.42	3.80	1.69	-	-	-	-	-	-
0230	0.41	2.90	0.83	-	-	-	-	-	-
0300	-	1.67	1.25	-	-	-	-	-	-
0330	-	1.24	0.83	-	-	-	-	-	-
0400	-	1.65	0.83	-	-	-	-	-	-
0430	-	1.26	-	-	-	-	-	-	-
0500	-	1.64	-	-	-	-	-	-	-
0530	-	2.49	-	-	-	-	-	-	-
0600	0.41	1.64	-	-	-	-	0.41	-	-
0630	0.41	0.82	-	-	-	-	-	-	-
0700	-	0.41	-	-	-	-	-	-	-
0730	0.41	0.83	-	-	-	-	-	-	-
0800	-	1.23	-	-	-	-	-	-	-
0830	-	0.41	-	-	-	-	-	-	-
0900	-	0.83	-	-	-	-	-	-	-
0930	-	2.09	0.42	-	-	-	-	-	-
1000	-	0.41	0.41	-	-	-	-	-	-
1030	-	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-	-
1130	-	0.82	0.82	-	-	-	-	-	-
1200	-	0.41	-	-	-	-	-	-	-
1230	-	1.24	-	-	-	-	-	-	-
1300	-	1.23	0.41	-	-	-	-	-	-
1330	-	0.82	0.41	-	-	-	-	-	-
1400	-	1.23	1.23	-	-	-	-	-	-
1430	-	1.65	1.65	-	-	-	-	-	-
1500	-	2.03	2.44	-	-	-	-	-	-
1530	-	1.64	2.87	-	-	-	-	-	-
1600	-	3.31	2.89	-	-	-	-	-	-
1630	-	2.49	2.90	-	-	-	-	-	-
1700	-	2.06	1.23	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	2.99	1.71	-	-	-	-	-	-
1800	-	2.07	1.24	-	-	-	-	-	-
1830	-	3.39	2.12	-	-	-	-	-	-
1900	-	2.55	2.55	-	-	-	-	-	-
1930	-	3.43	2.58	-	-	-	-	-	-
2000	-	3.33	2.92	-	-	-	-	-	-
2030	-	3.33	1.25	-	-	-	-	-	-
2100	-	2.93	0.84	-	-	-	-	-	-
2130	-	3.72	2.07	-	-	-	-	-	-
2200	-	3.72	1.65	-	-	-	-	-	-
2230	-	3.32	-	-	-	-	-	-	-
2300	-	2.93	0.42	-	-	-	-	-	-
2330	-	2.10	0.42	-	-	-	-	-	-
Mean	0.06	1.97	1.01	-	-	-	0.02	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in August are: rain – 1.97%, mist – 0.06%, drizzle – 0.02%.

The activity of thunderstorms in August constitutes 1.01%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

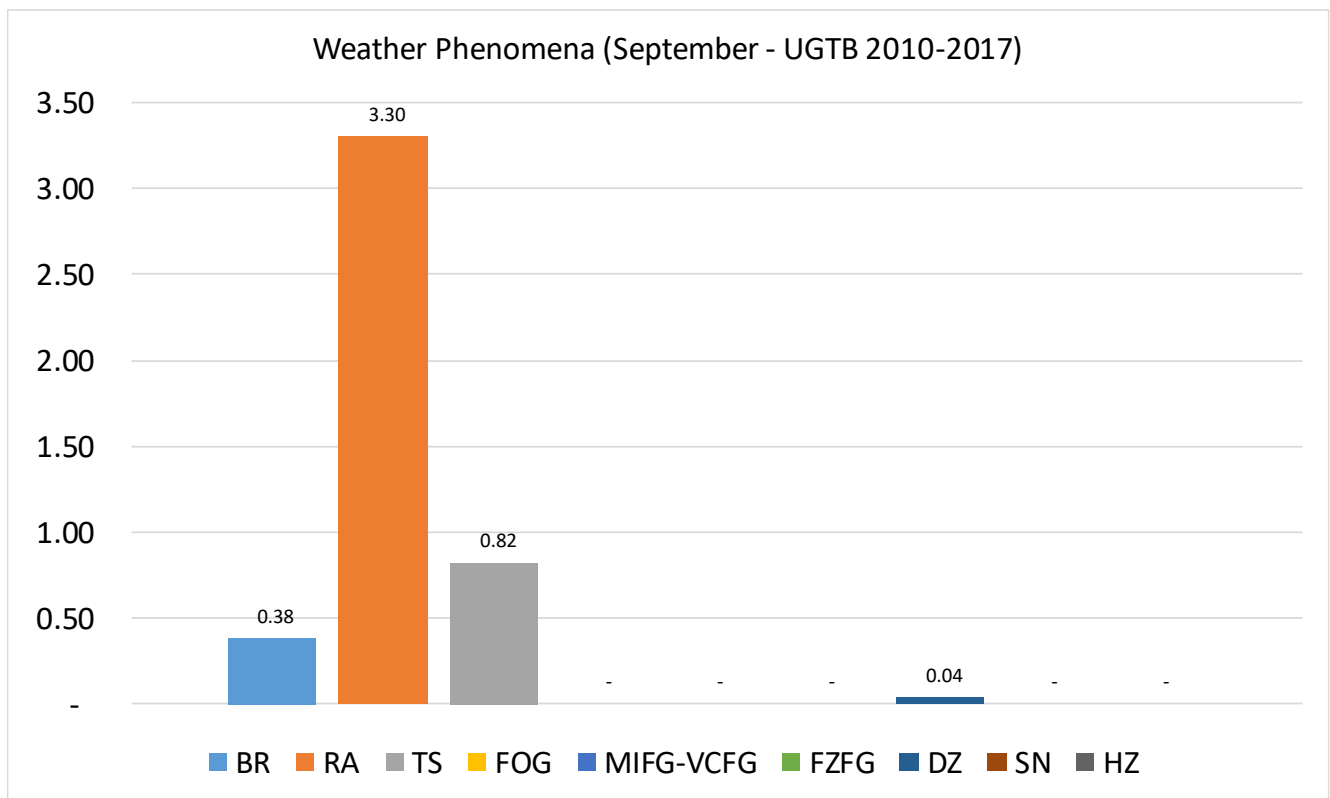
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	0.43	4.31	1.29	-	-	-	-	-	-
0030	0.42	4.64	0.84	-	-	-	-	-	-
0100	0.41	4.98	-	-	-	-	-	-	-
0130	-	3.77	0.42	-	-	-	-	-	-
0200	-	2.52	-	-	-	-	-	-	-
0230	0.42	2.50	0.42	-	-	-	-	-	-
0300	0.42	3.38	-	-	-	-	-	-	-
0330	0.85	2.13	0.85	-	-	-	-	-	-
0400	1.68	3.36	0.42	-	-	-	-	-	-
0430	0.85	2.54	-	-	-	-	-	-	-
0500	0.43	2.55	0.43	-	-	-	-	-	-
0530	0.87	2.61	0.43	-	-	-	-	-	-
0600	0.84	3.38	0.42	-	-	-	-	-	-
0630	0.42	2.10	-	-	-	-	0.42	-	-
0700	-	1.67	-	-	-	-	-	-	-
0730	-	1.29	-	-	-	-	-	-	-
0800	-	0.84	0.42	-	-	-	0.42	-	-
0830	-	-	-	-	-	-	-	-	-
0900	-	0.84	-	-	-	-	-	-	-
0930	-	0.43	-	-	-	-	-	-	-
1000	0.42	0.84	0.42	-	-	-	-	-	-
1030	0.42	1.27	0.84	-	-	-	-	-	-
1100	0.43	1.70	0.85	-	-	-	-	-	-
1130	-	2.58	1.29	-	-	-	-	-	-
1200	0.42	2.11	0.42	-	-	-	-	-	-
1230	0.41	3.72	0.41	-	-	-	-	-	-
1300	0.43	3.40	1.28	-	-	-	-	-	-
1330	0.42	2.97	0.42	-	-	-	-	-	-
1400	0.84	2.95	1.27	-	-	-	-	-	-
1430	0.43	3.83	1.28	-	-	-	-	-	-
1500	-	2.13	0.85	-	-	-	-	-	-
1530	0.42	3.39	0.42	-	-	-	-	-	-
1600	0.42	5.49	2.95	-	-	-	-	-	-
1630	0.42	6.78	2.97	-	-	-	-	-	-
1700	0.42	8.05	2.12	-	-	-	-	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.42	5.04	1.68	-	-	-	-	-	-
1800	0.84	3.77	2.09	-	-	-	-	-	-
1830	-	5.44	2.09	-	-	-	-	-	-
1900	-	5.06	1.69	-	-	-	0.42	-	-
1930	-	5.08	1.27	-	-	-	-	-	-
2000	-	4.22	0.84	-	-	-	-	-	-
2030	0.42	5.04	0.84	-	-	-	-	-	-
2100	0.42	4.24	0.42	-	-	-	0.42	-	-
2130	0.42	3.77	0.84	-	-	-	-	-	-
2200	0.42	2.94	1.26	-	-	-	-	-	-
2230	0.43	3.43	0.86	-	-	-	-	-	-
2300	0.42	4.18	0.42	-	-	-	-	-	-
2330	0.42	5.06	1.27	-	-	-	-	-	-
Mean	0.38	3.30	0.82	-	-	-	0.04	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in September are: rain – 3.30%, mist – 0.38%, drizzle – 0.04%.

The activity of thunderstorms in September constitutes 0.82%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

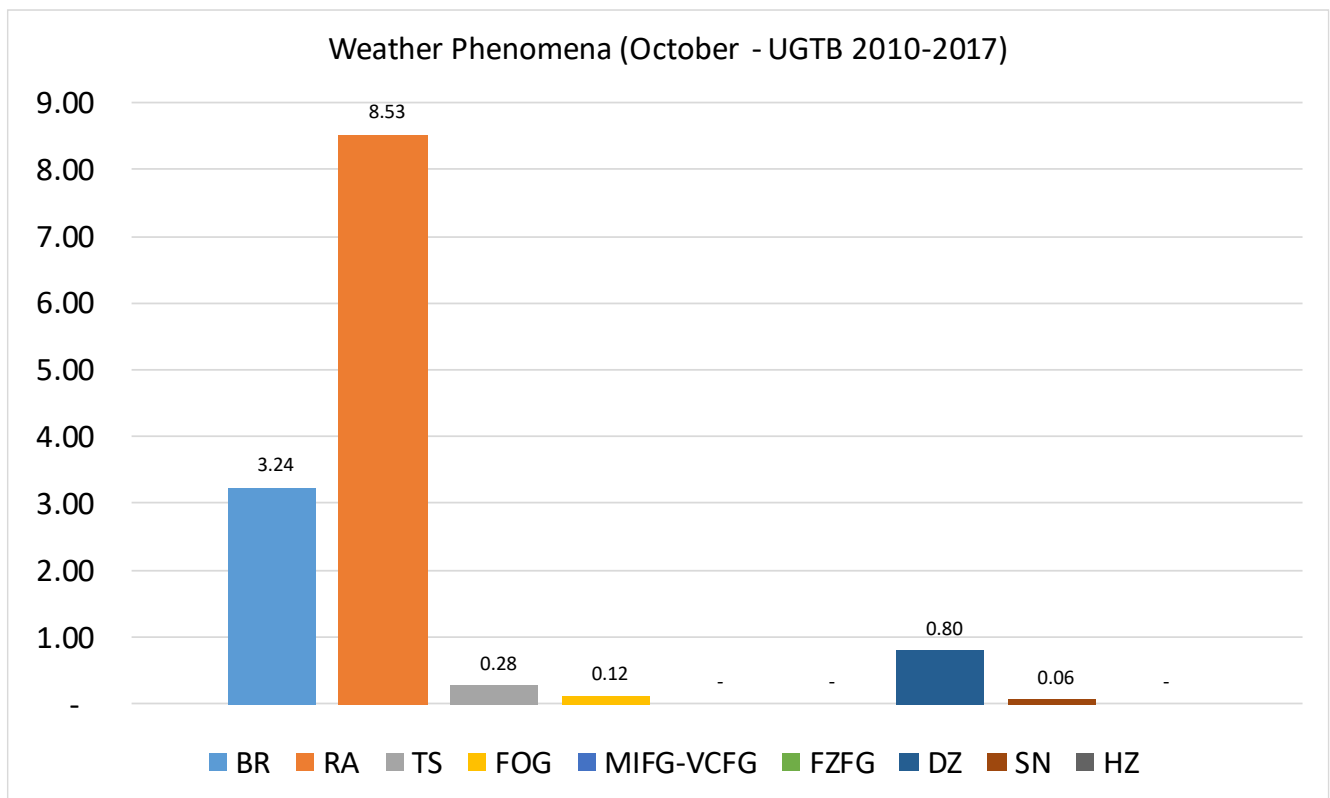
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.48	8.68	0.83	-	-	-	1.24	0.83	-
0030	3.66	10.98	0.41	-	-	-	1.22	-	-
0100	3.60	10.80	-	1.20	-	-	0.80	-	-
0130	4.88	8.94	-	-	-	-	0.81	-	-
0200	6.32	10.28	-	0.40	-	-	0.40	-	-
0230	4.90	9.39	-	0.41	-	-	0.41	-	-
0300	6.02	10.84	-	-	-	-	0.80	-	-
0330	9.09	8.68	-	0.41	-	-	1.65	-	-
0400	7.79	9.84	-	0.82	-	-	0.82	-	-
0430	7.32	9.76	-	0.41	-	-	0.41	-	-
0500	9.39	10.61	0.41	-	-	-	0.82	-	-
0530	7.41	10.29	-	0.41	-	-	0.82	-	-
0600	8.20	8.61	-	-	-	-	1.64	-	-
0630	5.76	8.64	0.41	-	-	-	1.65	-	-
0700	4.92	9.43	-	-	-	-	0.82	-	-
0730	5.35	7.82	-	-	-	-	1.65	-	-
0800	3.69	8.61	-	-	-	-	1.23	-	-
0830	3.36	7.98	-	-	-	-	0.84	-	-
0900	2.45	6.94	-	-	-	-	0.82	-	-
0930	2.06	9.05	-	-	-	-	-	-	-
1000	2.49	6.22	-	-	-	-	-	-	-
1030	2.06	7.41	-	-	-	-	-	-	-
1100	1.64	6.56	-	-	-	-	-	-	-
1130	1.64	5.33	-	-	-	-	0.41	-	-
1200	1.23	4.94	0.41	-	-	-	0.82	-	-
1230	1.23	9.02	1.23	-	-	-	0.41	-	-
1300	2.03	8.54	0.41	-	-	-	-	-	-
1330	0.82	9.05	-	-	-	-	0.41	-	-
1400	1.62	7.29	-	-	-	-	0.81	-	-
1430	0.82	8.16	0.82	-	-	-	-	-	-
1500	0.82	7.79	1.64	-	-	-	0.41	-	-
1530	-	8.98	0.82	-	-	-	-	-	-
1600	-	9.68	0.81	-	-	-	-	-	-
1630	0.81	7.32	0.41	-	-	-	-	-	-
1700	0.41	6.91	-	-	-	-	0.81	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.81	6.48	0.81	-	-	-	0.40	-	-
1800	1.21	6.88	0.81	-	-	-	0.81	-	-
1830	0.41	7.00	0.82	-	-	-	1.65	-	-
1900	1.63	9.35	0.41	-	-	-	0.81	-	-
1930	2.43	8.10	-	-	-	-	1.62	-	-
2000	1.63	6.94	-	-	-	-	1.22	-	-
2030	1.63	8.13	-	-	-	-	1.22	-	-
2100	2.87	8.61	-	-	-	-	1.64	-	-
2130	3.31	9.92	0.41	-	-	-	1.65	0.41	-
2200	3.29	9.47	0.41	0.41	-	-	0.82	0.41	-
2230	3.28	9.43	-	0.82	-	-	1.23	0.41	-
2300	3.27	8.98	0.41	0.41	-	-	1.63	0.41	-
2330	3.70	10.70	0.82	-	-	-	0.82	0.41	-
Mean	3.24	8.53	0.28	0.12	-	-	0.80	0.06	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in October are: rain – 8.53%, mist – 3.24%, drizzle – 0.8%.

The activity of thunderstorms in October constitutes 0.28%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11520

OBSERVATION INTERVAL: 30 MIN.

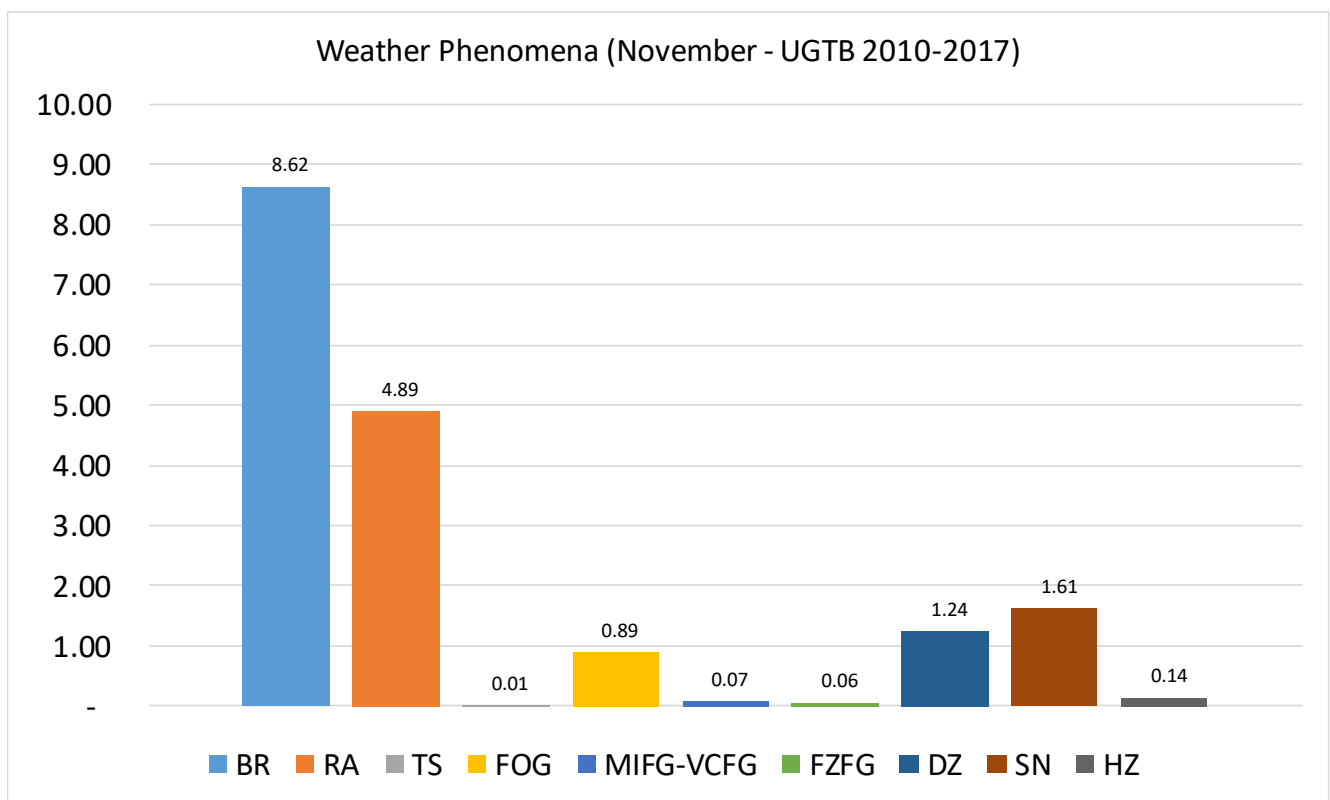
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	9.28	6.33	-	0.84	-	-	2.11	0.84	-
0030	9.79	6.38	-	0.85	-	-	2.13	0.85	-
0100	11.67	7.50	-	-	-	-	0.83	1.67	-
0130	10.46	6.28	-	0.84	-	-	1.67	2.09	-
0200	11.67	5.83	-	0.83	-	-	0.42	2.50	-
0230	7.56	6.30	-	1.26	0.42	0.42	0.84	2.52	-
0300	7.17	5.49	-	1.69	0.42	0.42	0.42	2.53	-
0330	8.75	5.00	-	2.08	0.42	0.42	1.25	2.08	-
0400	16.46	4.22	-	3.38	-	0.42	2.11	2.11	-
0430	17.01	4.15	-	3.32	-	0.41	2.07	1.66	-
0500	16.74	6.28	-	2.51	-	0.42	0.42	2.09	-
0530	17.30	5.49	-	1.27	-	0.42	0.84	2.11	-
0600	16.10	5.08	-	2.97	-	-	1.69	2.54	-
0630	14.35	4.64	-	2.11	-	-	2.53	1.69	-
0700	14.52	5.39	-	1.24	-	-	1.66	2.07	-
0730	12.82	5.13	-	1.28	-	-	1.28	1.71	-
0800	9.70	4.64	-	2.11	-	-	1.27	1.69	-
0830	11.39	3.80	-	0.84	-	-	0.42	1.69	-
0900	8.86	3.38	-	0.84	-	-	0.84	0.84	-
0930	8.90	3.81	-	0.42	-	-	-	1.27	-
1000	7.11	4.18	-	0.84	-	-	1.26	1.26	-
1030	5.88	5.46	-	0.84	-	-	1.68	2.10	-
1100	5.46	4.62	-	0.42	-	-	1.26	2.10	-
1130	5.91	5.49	-	0.42	-	-	0.42	1.27	-
1200	5.37	4.96	-	0.41	-	-	0.83	1.65	-
1230	5.56	4.27	-	0.43	-	-	1.28	1.71	-
1300	5.81	3.73	-	0.41	-	-	2.07	1.66	0.41
1330	7.95	5.86	-	-	-	-	-	1.26	1.26
1400	9.70	5.49	-	-	-	-	0.42	1.69	1.27
1430	5.02	4.18	-	0.42	-	-	0.42	1.67	1.26
1500	4.24	4.66	-	-	0.42	-	1.27	1.27	0.85
1530	4.24	3.81	-	0.42	-	-	1.27	0.85	0.85
1600	4.22	4.22	-	0.42	-	-	1.69	1.27	0.42
1630	3.75	4.58	-	0.42	-	-	1.25	1.25	-
1700	3.77	5.44	-	-	-	-	1.67	1.67	0.42

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	3.77	3.77	-	0.84	-	-	0.84	1.26	-
1800	4.24	3.39	-	-	-	-	0.85	1.27	-
1830	5.49	4.22	0.42	-	-	-	1.27	0.84	-
1900	5.83	4.17	-	0.42	-	-	1.25	1.25	-
1930	5.02	3.35	-	0.42	0.42	-	0.42	1.26	-
2000	5.83	3.33	-	0.42	0.42	-	1.25	0.83	-
2030	7.38	4.10	-	0.82	-	-	0.82	1.23	-
2100	8.37	3.35	-	0.42	0.42	-	1.26	1.67	-
2130	8.71	5.39	-	0.41	0.41	-	2.49	1.66	-
2200	8.79	6.28	-	0.42	-	-	2.51	1.26	-
2230	8.40	5.46	-	0.42	-	-	1.68	2.10	-
2300	8.86	5.91	-	0.84	-	-	1.27	2.11	-
2330	8.79	5.86	-	1.26	-	-	2.09	1.26	-
Mean	8.62	4.89	0.01	0.89	0.07	0.06	1.24	1.61	0.14



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in November are: mist – 8.62%, rain – 4.89%, snow – 1.61%.

The activity of thunderstorms in November constitutes 0.01%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 11904

OBSERVATION INTERVAL: 30 MIN.

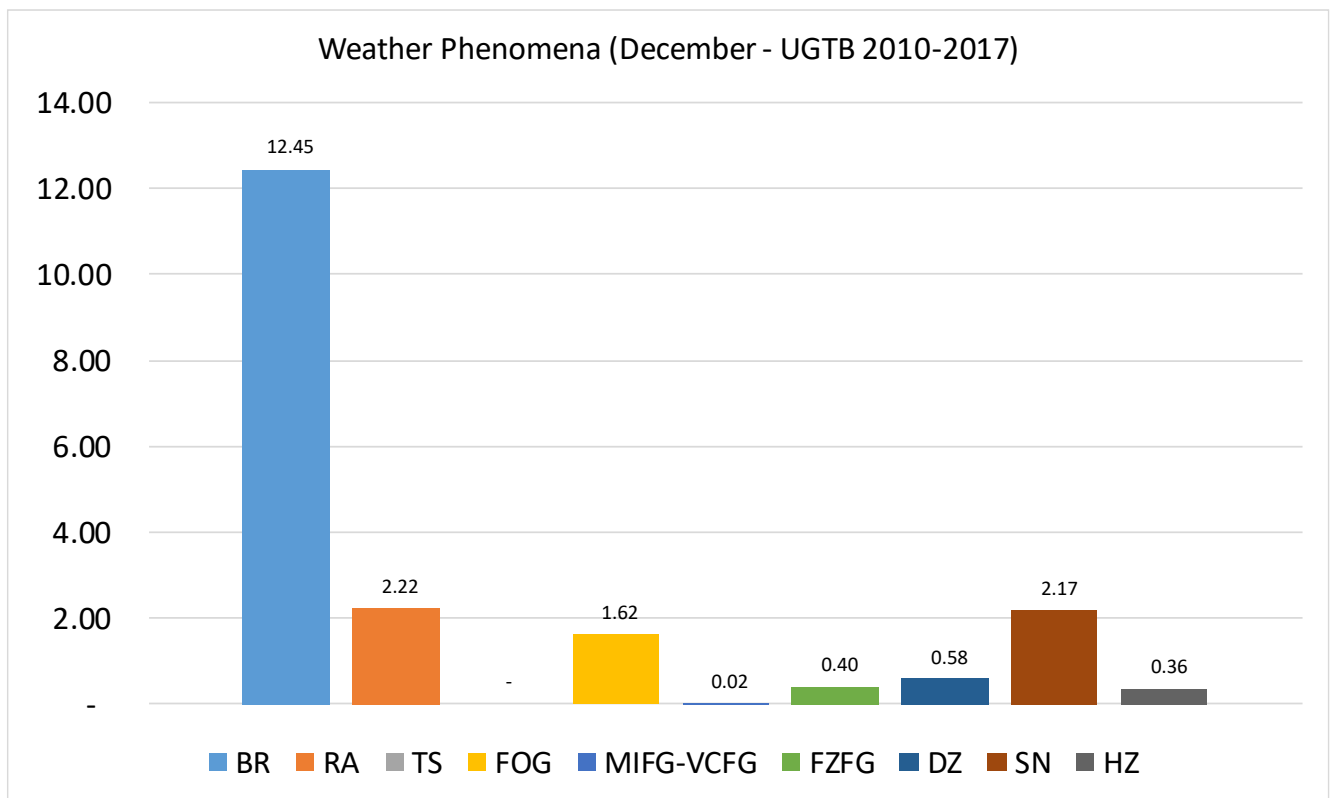
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	11.74	2.02	-	2.43	-	0.40	-	2.43	-
0030	11.29	2.02	-	2.82	-	0.81	0.40	2.42	-
0100	13.71	2.02	-	2.42	-	1.21	0.81	2.02	-
0130	12.05	2.81	-	2.41	-	1.61	-	2.01	-
0200	11.38	2.44	-	2.44	-	1.63	-	2.44	-
0230	11.20	2.80	-	3.20	-	0.80	0.40	1.20	-
0300	11.02	2.04	-	3.67	-	0.82	0.41	2.45	-
0330	11.24	2.41	-	3.61	-	0.80	0.40	1.61	-
0400	12.45	1.61	-	2.81	-	1.20	1.20	2.01	-
0430	19.59	0.82	-	2.86	-	0.82	0.82	1.63	-
0500	17.14	2.04	-	4.08	-	1.22	1.22	1.22	-
0530	16.80	2.05	-	3.69	-	0.82	1.23	1.64	-
0600	20.33	2.03	-	1.22	-	0.81	0.81	2.44	-
0630	20.99	1.23	-	1.65	-	-	1.23	2.06	-
0700	18.22	1.62	-	2.43	-	-	1.62	2.02	-
0730	15.10	2.04	-	2.45	-	-	1.22	2.04	-
0800	15.66	1.61	-	0.80	-	-	0.80	2.41	-
0830	13.99	2.06	-	0.41	-	-	0.82	2.88	-
0900	13.17	2.47	-	0.82	-	-	1.23	2.88	-
0930	11.02	1.63	-	0.41	-	-	0.82	2.86	-
1000	11.29	1.61	-	0.40	-	-	0.40	2.02	-
1030	10.98	1.63	-	-	-	-	1.63	2.03	1.22
1100	11.11	2.06	-	-	-	-	0.82	2.88	0.82
1130	8.94	3.25	-	0.41	-	-	0.41	2.44	1.22
1200	9.35	2.44	-	-	-	-	0.41	2.44	1.63
1230	10.70	2.88	-	-	-	-	0.82	2.47	2.47
1300	13.25	3.21	-	-	-	-	-	2.41	2.81
1330	16.39	1.64	-	-	-	-	-	2.46	2.46
1400	13.36	2.02	-	-	0.40	-	0.40	2.02	2.43
1430	9.68	2.02	-	-	0.40	-	-	1.61	0.81
1500	11.34	2.43	-	-	-	-	-	1.62	0.40
1530	10.08	2.42	-	0.81	-	-	-	1.61	0.40
1600	10.16	2.44	-	0.81	-	0.41	0.81	1.63	0.41
1630	11.34	2.43	-	0.81	-	-	0.40	1.62	0.40
1700	10.98	2.44	-	1.22	-	-	0.41	1.63	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	10.12	2.43	-	0.81	-	-	0.40	1.62	-
1800	10.93	1.62	-	0.81	-	-	0.81	1.62	-
1830	11.34	2.43	-	0.40	-	-	0.40	1.21	-
1900	11.34	2.83	-	0.81	-	-	0.40	1.62	-
1930	9.72	2.02	-	2.02	-	0.40	0.40	1.62	-
2000	9.24	2.81	-	2.41	-	0.40	0.40	2.41	-
2030	8.98	2.86	-	2.86	-	0.41	0.41	2.45	-
2100	10.20	2.04	-	2.04	-	1.63	0.82	3.27	-
2130	11.38	2.44	-	2.85	-	0.41	0.81	3.25	-
2200	12.90	2.82	-	2.02	-	0.81	0.81	3.23	-
2230	10.84	2.81	-	3.21	-	0.80	-	3.21	-
2300	10.98	2.44	-	3.25	-	0.41	-	2.85	-
2330	12.60	2.44	-	3.25	-	0.41	-	2.44	-
Mean	12.45	2.22	-	1.62	0.02	0.40	0.58	2.17	0.36



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in December are: mist – 12.45%, rain –2.22%, snow – 2.17%.

No thunderstorm activities were observed in December.

# WEATHER PHENOMENA PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 34656

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

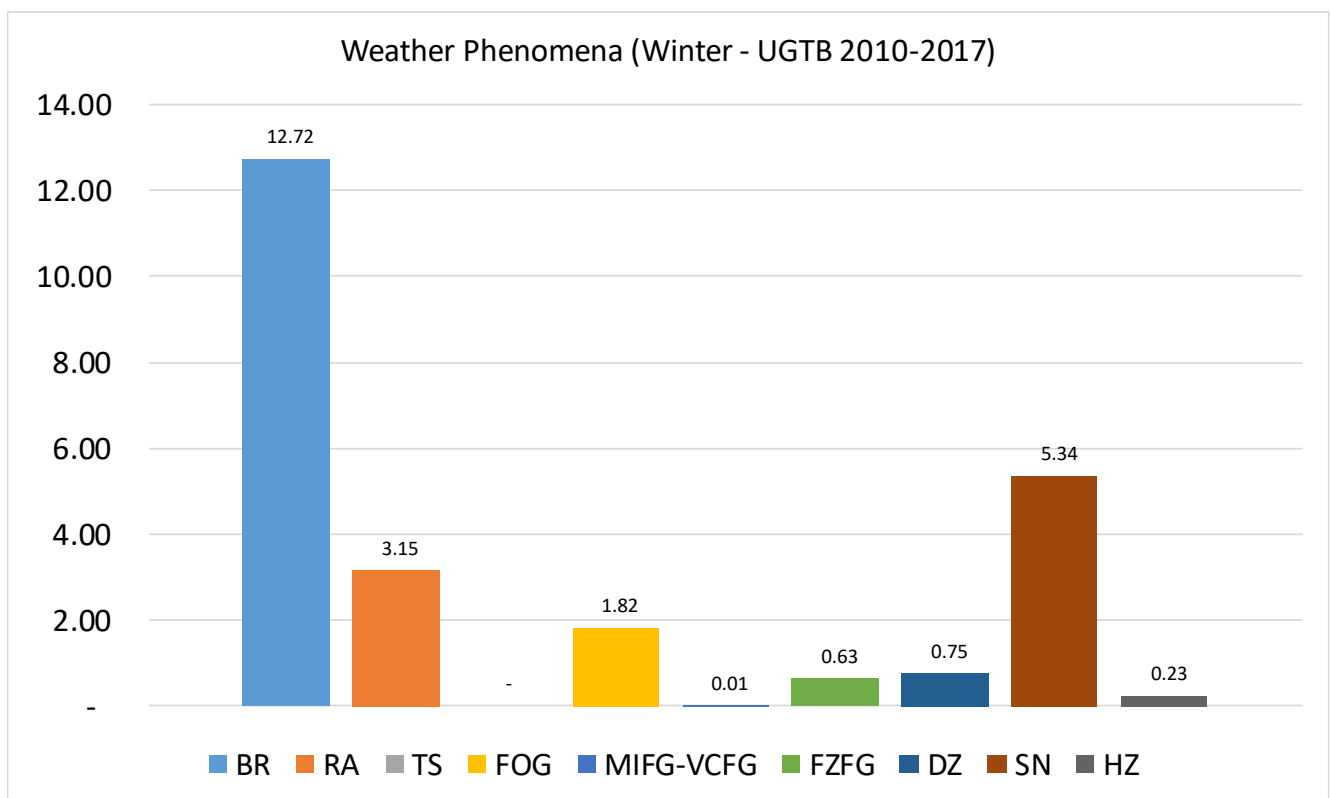
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	12.91	2.87	-	2.58	-	0.86	1.15	6.17	-
0030	12.46	4.11	-	2.69	-	1.42	0.71	6.80	-
0100	12.96	4.13	-	2.42	-	1.28	0.28	6.70	-
0130	12.46	4.30	-	2.29	-	1.15	0.14	6.73	-
0200	12.70	4.42	-	2.43	-	1.14	0.14	6.56	-
0230	11.91	4.16	-	3.59	-	1.15	0.43	6.89	-
0300	12.07	3.88	-	3.74	-	1.01	0.29	7.04	-
0330	11.71	3.43	-	4.14	-	1.43	0.57	6.86	-
0400	14.06	2.87	-	4.02	-	1.87	1.00	6.60	-
0430	19.01	2.76	-	3.77	-	1.45	1.02	6.10	-
0500	18.68	3.59	-	4.60	-	1.44	1.72	6.47	-
0530	19.31	3.31	-	4.03	-	1.44	1.30	6.77	-
0600	19.40	2.73	-	2.59	-	1.29	0.86	7.04	0.14
0630	20.46	2.88	-	2.45	-	0.86	0.72	6.34	0.14
0700	19.05	2.15	-	2.72	-	0.72	1.29	6.16	0.14
0730	17.32	2.74	-	2.45	-	0.14	0.87	6.35	0.14
0800	17.35	2.70	-	1.42	-	0.14	1.00	5.55	0.14
0830	16.17	3.15	-	0.86	-	0.29	1.00	6.01	0.29
0900	14.37	3.74	-	0.86	-	-	1.01	5.17	0.14
0930	12.95	2.73	-	0.29	-	0.14	0.29	5.76	0.14
1000	12.39	2.56	-	0.71	-	0.14	0.43	5.27	0.14
1030	11.98	2.60	-	0.58	-	-	0.87	4.76	0.58
1100	12.13	3.14	-	0.43	-	-	0.57	4.99	0.43
1130	10.56	3.57	-	0.29	-	0.14	0.43	4.28	0.57
1200	9.99	2.85	-	-	-	-	0.43	3.71	0.86
1230	10.53	3.17	-	0.43	-	-	0.58	3.61	1.30
1300	12.55	2.85	-	0.14	-	-	0.43	3.71	1.28
1330	13.48	2.90	-	0.14	-	-	0.58	3.04	1.16
1400	12.30	2.86	-	0.14	0.14	-	0.57	3.58	1.57
1430	9.76	3.01	-	-	0.14	-	0.57	3.16	0.72
1500	10.19	2.44	-	0.14	-	0.14	0.86	3.30	0.43
1530	8.87	3.00	-	0.72	-	-	0.43	3.43	0.29
1600	8.95	2.89	-	0.72	-	0.29	1.01	3.46	0.29
1630	10.17	2.58	-	0.43	0.14	0.29	0.57	3.44	0.14
1700	10.34	2.73	-	0.86	-	0.43	1.01	3.45	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	10.47	3.44	-	0.86	-	0.57	1.15	3.87	-
1800	11.03	2.29	-	1.00	-	0.57	0.72	4.01	-
1830	10.73	3.00	-	1.29	-	0.86	0.72	4.29	-
1900	10.22	2.88	-	1.44	-	0.43	0.72	5.18	-
1930	9.74	2.91	-	1.89	-	0.58	0.73	5.52	-
2000	9.70	3.28	-	2.28	-	0.71	0.86	5.99	-
2030	9.10	3.18	-	3.03	-	0.58	1.01	5.78	-
2100	9.99	3.47	-	2.46	-	1.16	0.72	6.08	-
2130	10.39	3.61	-	2.89	-	1.01	0.87	6.49	-
2200	11.62	3.73	-	2.44	-	0.86	0.72	6.46	-
2230	11.22	3.45	-	2.59	-	1.01	0.72	6.33	-
2300	12.16	2.89	-	3.04	-	0.87	1.16	6.08	-
2330	12.52	3.09	-	2.65	-	0.59	1.03	5.15	-
Mean	12.72	3.15	-	1.82	0.01	0.63	0.75	5.34	0.23



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Winter are: mist – 12.72%, snow – 5.34%, rain – 3.15%.

No thunderstorm activities were observed in Winter.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 35328

OBSERVATION INTERVAL: 30 MIN.

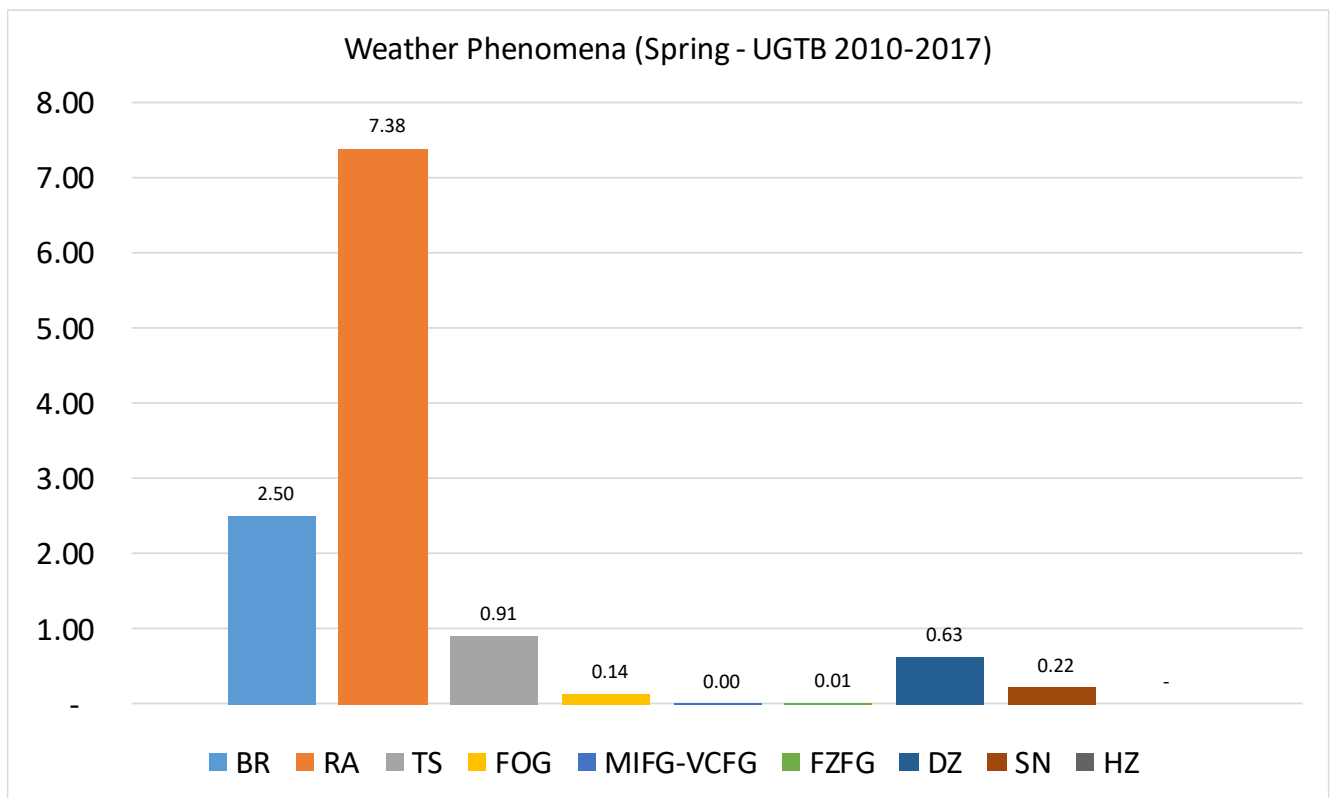
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.83	7.61	0.28	0.14	-	-	0.56	0.28	-
0030	2.19	6.86	0.41	0.14	-	0.14	0.82	0.41	-
0100	1.77	8.32	0.14	0.27	-	0.14	0.68	0.41	-
0130	2.19	7.00	0.27	0.41	0.14	-	0.69	0.27	-
0200	2.31	6.39	-	0.68	-	-	0.41	0.27	-
0230	3.56	6.16	-	0.27	-	-	0.27	0.27	-
0300	4.58	5.83	-	0.55	-	-	0.14	0.28	-
0330	7.30	7.58	0.28	0.55	-	-	0.55	0.28	-
0400	7.30	6.89	0.41	0.28	-	-	1.52	0.41	-
0430	5.96	6.37	-	0.42	-	0.14	0.97	0.42	-
0500	5.60	6.01	-	0.82	-	0.14	1.09	0.27	-
0530	5.52	6.34	-	0.83	-	-	1.24	0.83	-
0600	4.94	5.90	0.14	0.55	-	-	0.96	0.55	-
0630	4.85	6.24	0.55	0.14	-	-	0.97	0.55	-
0700	4.43	6.09	0.14	-	-	-	0.83	0.69	-
0730	3.61	5.27	0.28	0.14	-	-	0.83	-	-
0800	3.45	5.39	0.55	0.14	-	-	0.41	-	-
0830	2.48	6.20	0.41	-	-	-	0.41	-	-
0900	1.92	5.91	0.82	-	-	-	0.96	-	-
0930	2.10	6.31	0.84	-	-	-	0.84	0.14	-
1000	1.53	5.71	0.97	-	-	-	0.70	0.14	-
1030	1.68	6.86	1.26	-	-	-	0.84	0.14	-
1100	1.80	5.69	0.42	-	-	-	0.42	0.28	-
1130	1.38	7.03	0.97	-	-	-	0.69	0.14	-
1200	0.97	6.07	1.38	-	-	0.14	0.55	0.14	-
1230	1.11	7.50	1.94	-	-	-	0.28	0.14	-
1300	1.24	8.02	2.07	-	-	-	0.69	0.14	-
1330	1.25	8.22	2.37	-	-	-	0.42	0.14	-
1400	0.83	8.19	2.22	-	-	-	0.28	0.14	-
1430	1.39	7.91	2.22	-	-	-	0.28	0.14	-
1500	1.66	7.72	1.93	-	-	-	-	0.14	-
1530	1.52	9.12	1.93	-	-	-	0.14	0.14	-
1600	1.51	9.08	2.20	-	-	-	-	0.14	-
1630	1.10	8.84	2.07	-	-	-	0.41	-	-
1700	1.11	8.61	1.39	-	-	-	0.28	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.83	8.94	1.38	-	-	-	0.55	-	-
1800	1.23	8.63	1.51	-	-	-	0.55	-	-
1830	1.24	8.70	1.52	0.14	-	-	0.83	0.14	-
1900	1.51	8.64	1.65	0.14	-	-	0.55	0.14	-
1930	1.78	8.07	1.50	-	-	-	0.82	-	-
2000	1.91	8.73	2.18	-	-	-	0.55	0.14	-
2030	2.20	8.53	1.38	-	-	-	0.83	0.14	-
2100	2.05	8.21	0.82	-	-	-	0.68	0.14	-
2130	1.92	9.74	0.41	-	-	-	0.69	0.27	-
2200	2.16	8.50	0.13	-	-	-	0.81	0.13	-
2230	2.05	8.74	0.14	-	-	-	0.82	0.27	-
2300	1.52	7.60	-	-	-	-	0.55	0.28	-
2330	1.67	8.19	0.14	0.14	-	-	0.69	0.42	-
Mean	2.50	7.38	0.91	0.14	0.00	0.01	0.63	0.22	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Spring are: rain – 7.38%, mist – 2.50%, drizzle – 0.63%.

The activity of thunderstorms in Spring constitutes 0.91%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 35328

OBSERVATION INTERVAL: 30 MIN.

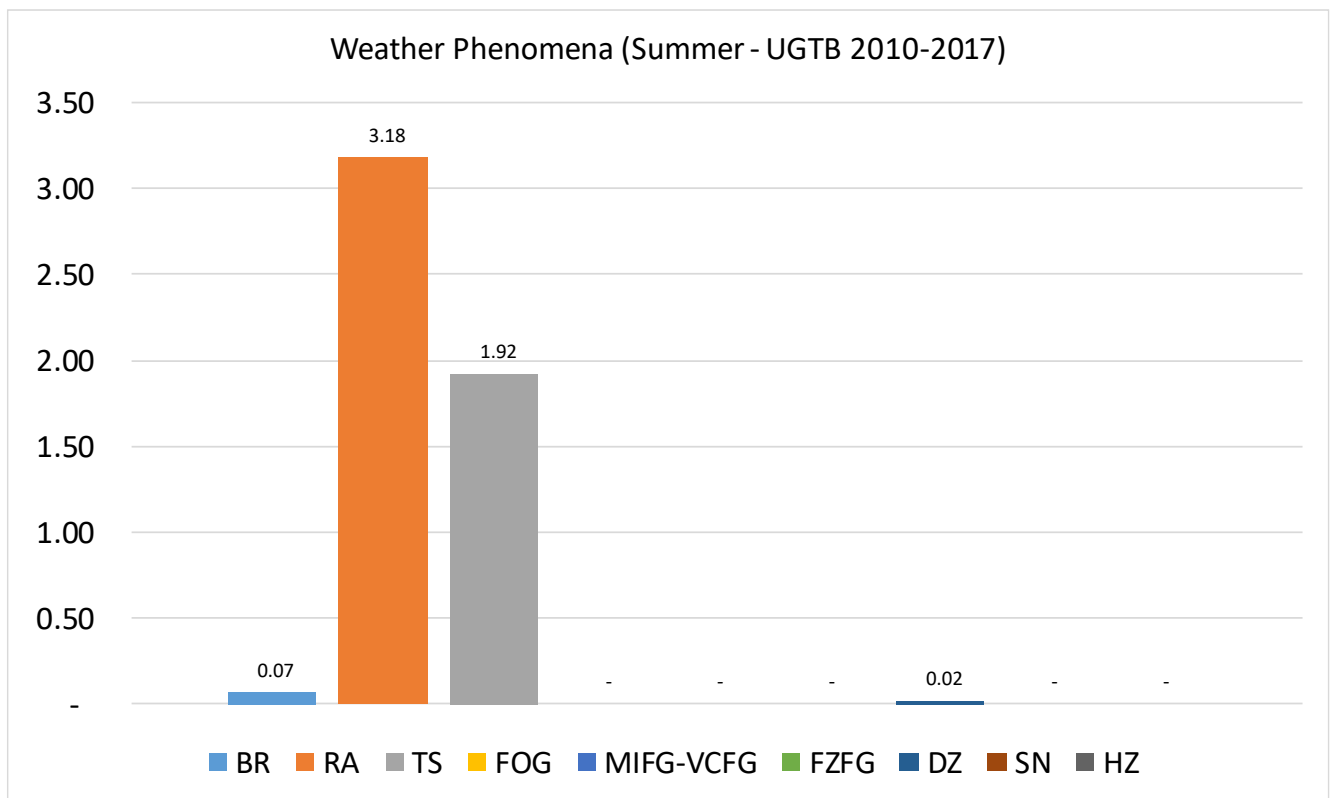
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	3.18	1.11	-	-	-	-	-	-
0030	-	3.56	1.51	-	-	-	-	-	-
0100	0.14	2.46	1.78	-	-	-	0.14	-	-
0130	0.14	4.43	1.38	-	-	-	0.28	-	-
0200	0.14	4.54	1.10	-	-	-	-	-	-
0230	0.28	3.72	0.55	-	-	-	-	-	-
0300	0.14	2.47	0.82	-	-	-	-	-	-
0330	0.14	3.15	0.68	-	-	-	-	-	-
0400	0.14	2.60	0.55	-	-	-	-	-	-
0430	0.14	2.48	0.14	-	-	-	-	-	-
0500	0.14	2.18	0.14	-	-	-	-	-	-
0530	0.14	1.93	-	-	-	-	-	-	-
0600	0.27	1.65	-	-	-	-	0.14	-	-
0630	0.28	2.08	0.42	-	-	-	-	-	-
0700	0.14	1.51	0.55	-	-	-	-	-	-
0730	0.28	1.24	0.41	-	-	-	-	-	-
0800	0.14	1.37	0.55	-	-	-	-	-	-
0830	0.14	0.69	-	-	-	-	-	-	-
0900	0.14	0.96	0.27	-	-	-	-	-	-
0930	0.14	1.39	0.69	-	-	-	-	-	-
1000	-	1.24	0.69	-	-	-	-	-	-
1030	-	1.24	0.69	-	-	-	-	-	-
1100	-	1.10	0.96	-	-	-	-	-	-
1130	-	1.66	1.10	-	-	-	-	-	-
1200	-	1.80	1.24	-	-	-	-	-	-
1230	-	1.53	1.53	-	-	-	-	-	-
1300	-	1.79	2.07	-	-	-	-	-	-
1330	-	2.47	2.47	-	-	-	0.27	-	-
1400	-	3.01	3.28	-	-	-	-	-	-
1430	-	3.56	4.11	-	-	-	-	-	-
1500	-	4.10	5.06	-	-	-	-	-	-
1530	-	4.15	4.15	-	-	-	-	-	-
1600	-	3.84	3.84	-	-	-	-	-	-
1630	-	4.33	4.05	-	-	-	-	-	-
1700	0.14	4.30	4.02	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	5.14	4.86	-	-	-	-	-	-
1800	-	4.38	4.51	-	-	-	-	-	-
1830	-	4.82	4.68	-	-	-	-	-	-
1900	-	4.32	3.48	-	-	-	-	-	-
1930	-	5.55	3.74	-	-	-	-	-	-
2000	-	5.25	4.14	-	-	-	-	-	-
2030	-	6.63	3.31	-	-	-	-	-	-
2100	-	4.92	2.46	-	-	-	-	-	-
2130	-	5.61	2.87	-	-	-	-	-	-
2200	-	5.65	2.48	-	-	-	-	-	-
2230	-	5.13	1.53	-	-	-	-	-	-
2300	-	4.41	1.10	-	-	-	-	-	-
2330	-	2.95	1.12	-	-	-	-	-	-
Mean	0.07	3.18	1.92	-	-	-	0.02	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Summer are: rain – 3.18%, mist – 0.07%, drizzle - 0.02%.

The activity of thunderstorms in Summer constitutes 1.92%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGTB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 34944

OBSERVATION INTERVAL: 30 MIN.

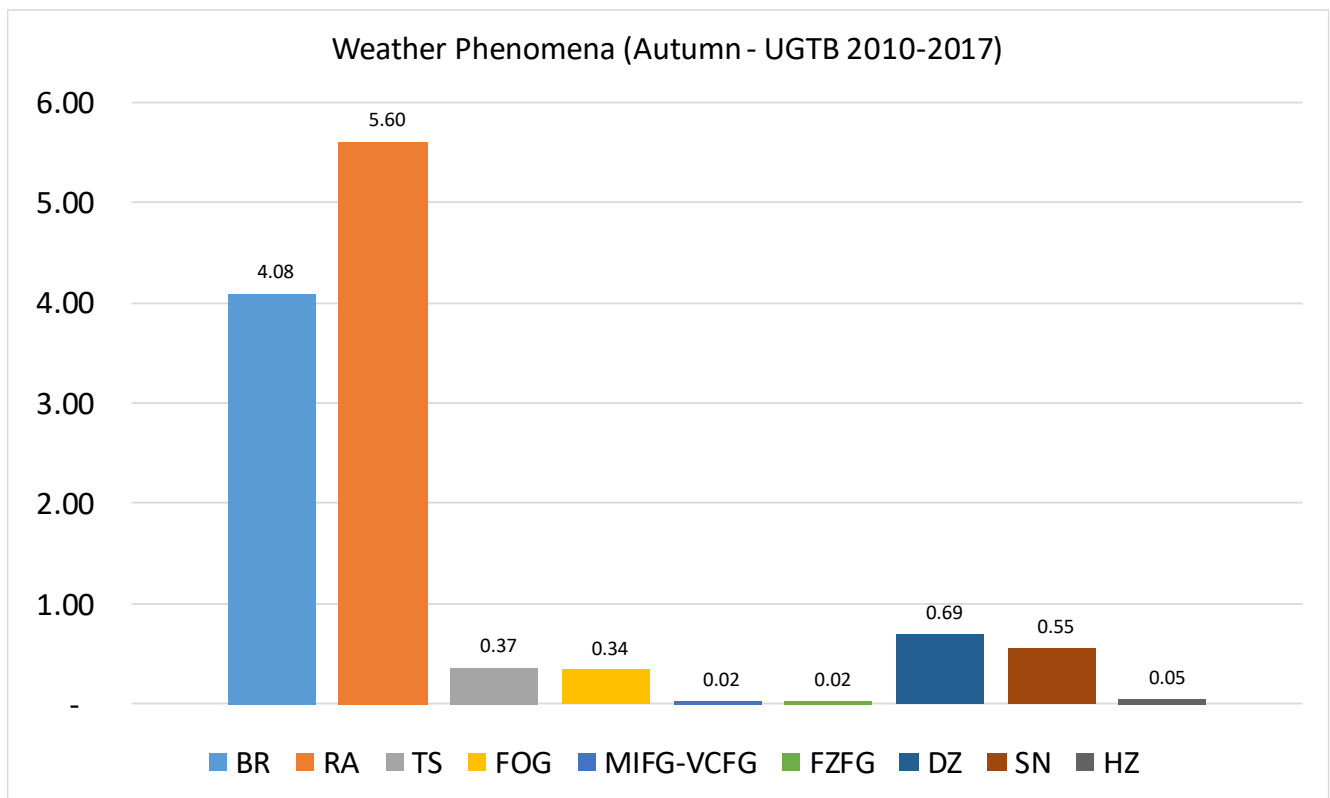
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.08	6.47	0.70	0.28	-	-	1.13	0.56	-
0030	4.60	7.38	0.42	0.28	-	-	1.11	0.28	-
0100	5.20	7.80	-	0.41	-	-	0.55	0.55	-
0130	5.11	6.35	0.14	0.28	-	-	0.83	0.69	-
0200	6.02	6.29	-	0.41	-	-	0.27	0.82	-
0230	4.29	6.09	0.14	0.55	0.14	0.14	0.41	0.83	-
0300	4.56	6.64	-	0.55	0.14	0.14	0.41	0.83	-
0330	6.28	5.30	0.28	0.84	0.14	0.14	0.98	0.70	-
0400	8.62	5.84	0.14	1.39	-	0.14	0.97	0.70	-
0430	8.44	5.53	-	1.24	-	0.14	0.83	0.55	-
0500	8.90	6.54	0.28	0.83	-	0.14	0.42	0.70	-
0530	8.59	6.20	0.14	0.56	-	0.14	0.56	0.70	-
0600	8.37	5.72	0.14	0.98	-	-	1.12	0.84	-
0630	6.82	5.15	0.14	0.70	-	-	1.53	0.56	-
0700	6.49	5.52	-	0.41	-	-	0.83	0.69	-
0730	6.06	4.79	-	0.42	-	-	0.99	0.56	-
0800	4.45	4.73	0.14	0.70	-	-	0.97	0.56	-
0830	4.94	3.95	-	0.28	-	-	0.42	0.56	-
0900	3.75	3.75	-	0.28	-	-	0.56	0.28	-
0930	3.65	4.49	-	0.14	-	-	-	0.42	-
1000	3.35	3.77	0.14	0.28	-	-	0.42	0.42	-
1030	2.79	4.74	0.28	0.28	-	-	0.56	0.70	-
1100	2.51	4.32	0.28	0.14	-	-	0.42	0.70	-
1130	2.52	4.48	0.42	0.14	-	-	0.28	0.42	-
1200	2.35	4.02	0.28	0.14	-	-	0.55	0.55	-
1230	2.36	5.69	0.56	0.14	-	-	0.56	0.56	-
1300	2.77	5.26	0.55	0.14	-	-	0.69	0.55	0.14
1330	3.06	5.99	0.14	-	-	-	0.14	0.42	0.42
1400	4.02	5.27	0.42	-	-	-	0.42	0.55	0.42
1430	2.09	5.42	0.70	0.14	-	-	0.14	0.56	0.42
1500	1.68	4.90	0.84	-	0.14	-	0.56	0.42	0.28
1530	1.53	5.44	0.42	0.14	-	-	0.42	0.28	0.28
1600	1.52	6.51	1.25	0.14	-	-	0.55	0.42	0.14
1630	1.66	6.23	1.11	0.14	-	-	0.42	0.42	-
1700	1.53	6.80	0.69	-	-	-	0.83	0.55	0.14

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.66	5.11	0.83	0.28	-	-	0.41	0.41	-
1800	2.08	4.71	0.97	-	-	-	0.55	0.42	-
1830	1.95	5.56	1.11	-	-	-	0.97	0.28	-
1900	2.49	6.22	0.69	0.14	-	-	0.83	0.41	-
1930	2.49	5.54	0.42	0.14	0.14	-	0.69	0.42	-
2000	2.49	4.85	0.28	0.14	0.14	-	0.83	0.28	-
2030	3.16	5.77	0.27	0.27	-	-	0.69	0.41	-
2100	3.89	5.42	0.14	0.14	0.14	-	1.11	0.56	-
2130	4.16	6.37	0.42	0.14	0.14	-	1.39	0.69	-
2200	4.17	6.25	0.56	0.28	-	-	1.11	0.56	-
2230	4.06	6.15	0.28	0.42	-	-	0.98	0.84	-
2300	4.16	6.38	0.28	0.42	-	-	0.97	0.83	-
2330	4.31	7.23	0.70	0.42	-	-	0.97	0.56	-
Mean	4.08	5.60	0.37	0.34	0.02	0.02	0.69	0.55	0.05

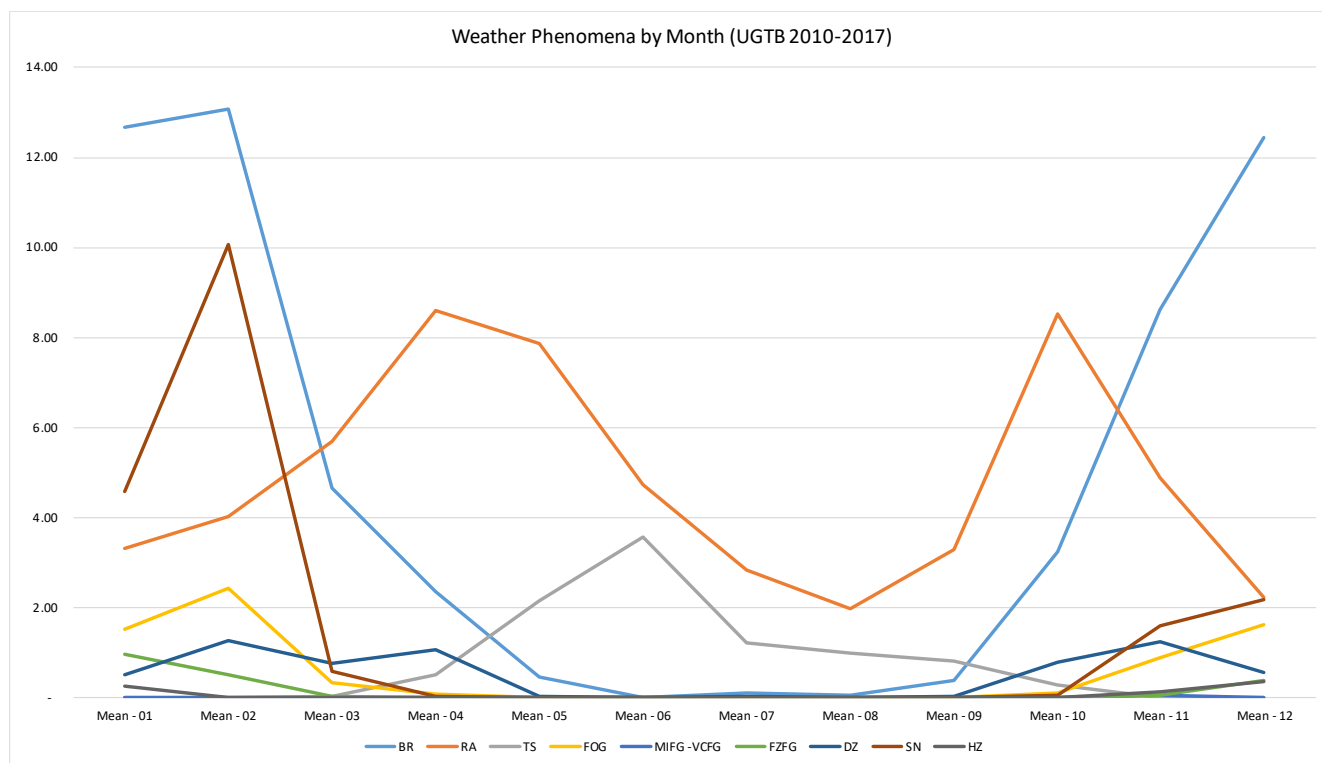


During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Autumn are: rain – 5.60%, mist – 4.08%, drizzle – 0.55%.

The activity of thunderstorms in Autumn constitutes 0.37%.

## WEATHER PHENOMENA AVERAGE BY MONTH

MEAN FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES BY MONTH									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
January	12.68	3.33	-	1.52	0.01	0.97	0.51	4.58	0.27
February	13.07	4.04	-	2.43	-	0.52	1.26	10.07	0.02
March	4.66	5.71	0.03	0.34	0.01	0.04	0.78	0.60	-
April	2.36	8.61	0.52	0.08	-	-	1.07	0.04	-
May	0.48	7.88	2.17	-	-	-	0.04	-	-
June	0.02	4.73	3.56	-	-	-	0.01	-	-
July	0.12	2.84	1.22	-	-	-	0.03	-	-
August	0.06	1.97	1.01	-	-	-	0.02	-	-
September	0.38	3.30	0.82	-	-	-	0.04	-	-
October	3.24	8.53	0.28	0.12	-	-	0.80	0.06	-
November	8.62	4.89	0.01	0.89	0.07	0.06	1.24	1.61	0.14
December	12.45	2.22	-	1.62	0.02	0.40	0.58	2.17	0.36





# CORRELATION BETWEEN MONTHLY RAINFALL AND AVERAGE TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: JANUARY

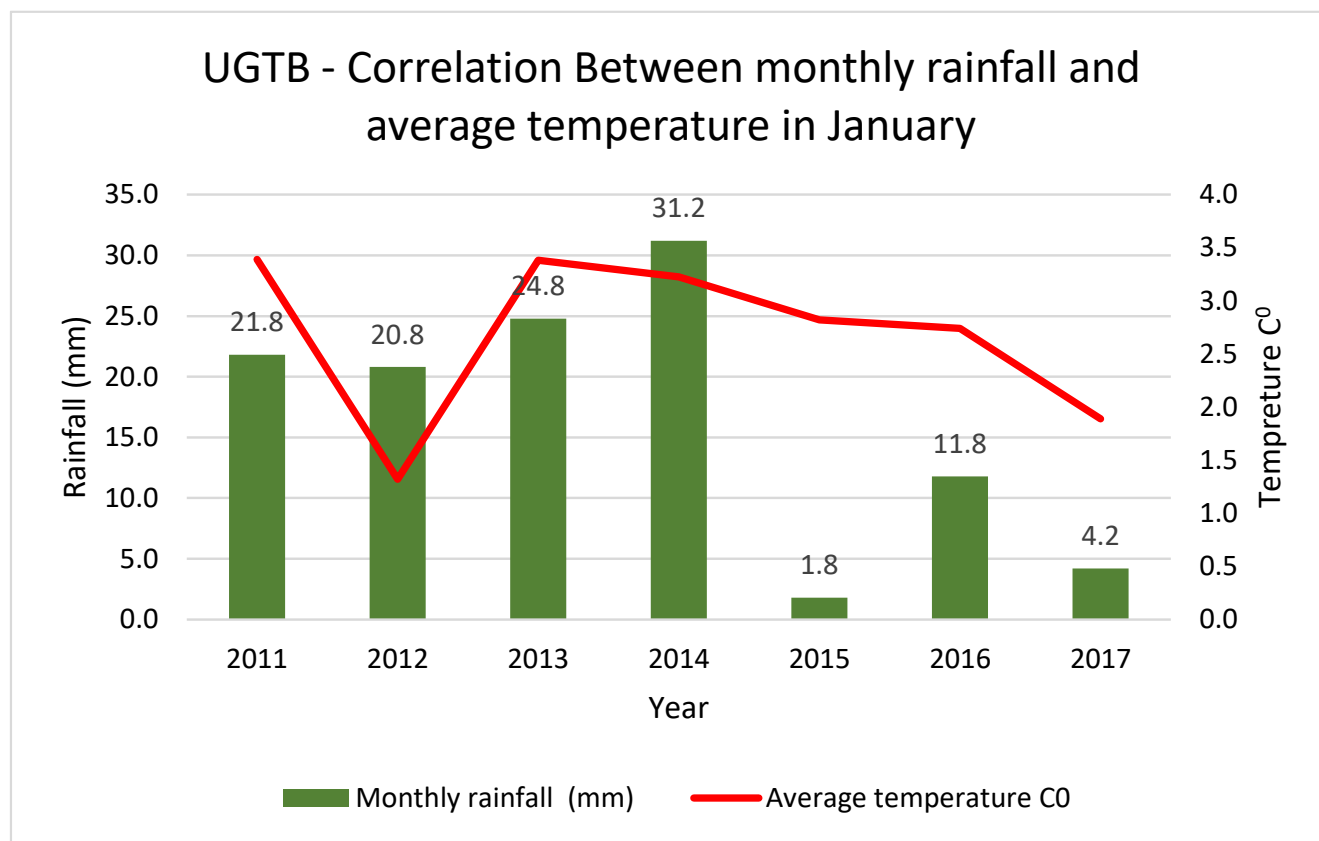
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in January (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	21.8	3.4
2012	20.8	1.3
2013	24.8	3.4
2014	31.2	3.2
2015	1.8	2.8
2016	11.8	2.7
2017	4.2	1.9
Total rainfall	116.4	



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL I**

AERODROME: UGTB

MONTH: FEBRUARY

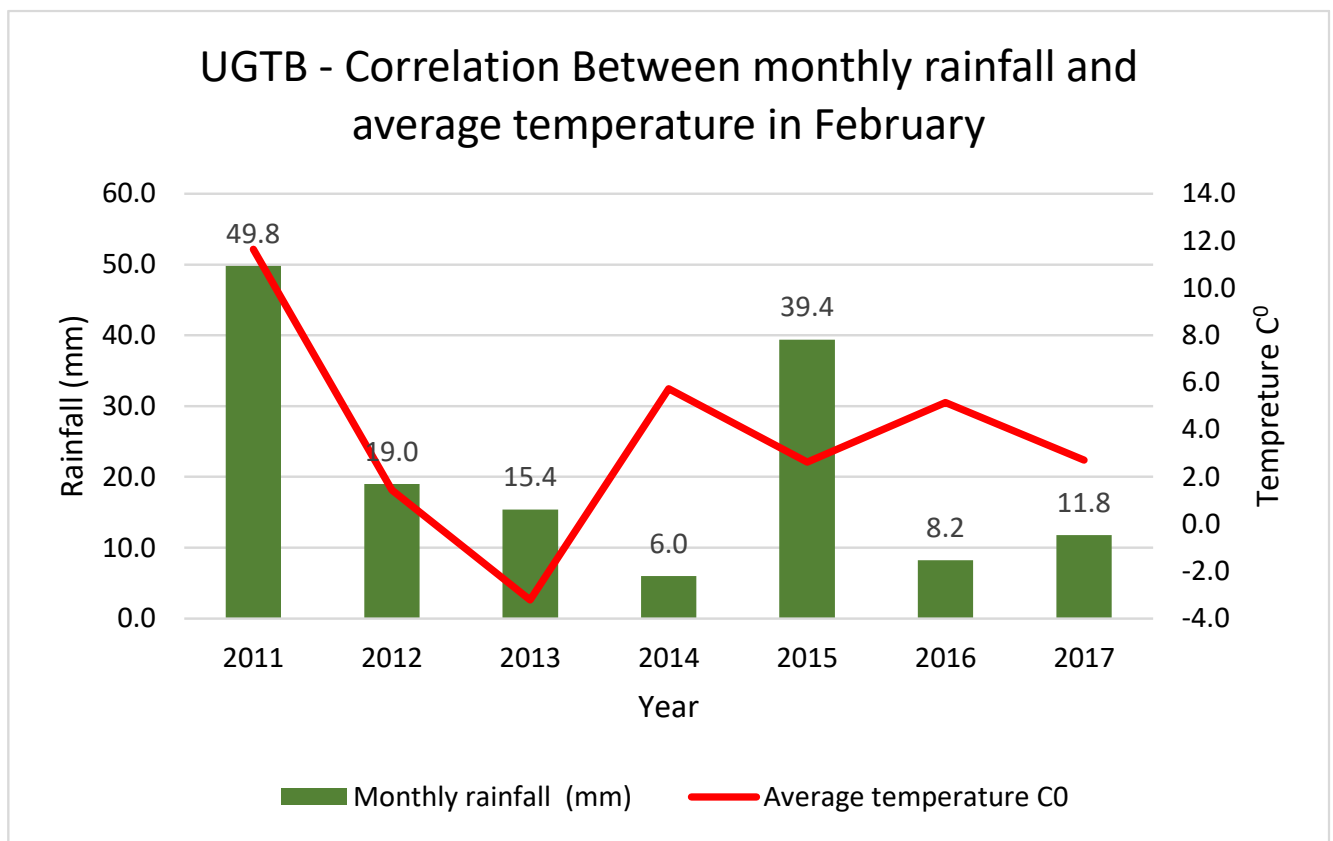
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in February (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	49.8	11.6
2012	19.0	1.4
2013	15.4	-3.2
2014	6.0	5.7
2015	39.4	2.6
2016	8.2	5.2
2017	11.8	2.7
<b>Total rainfall</b>	<b>149.6</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: MARCH

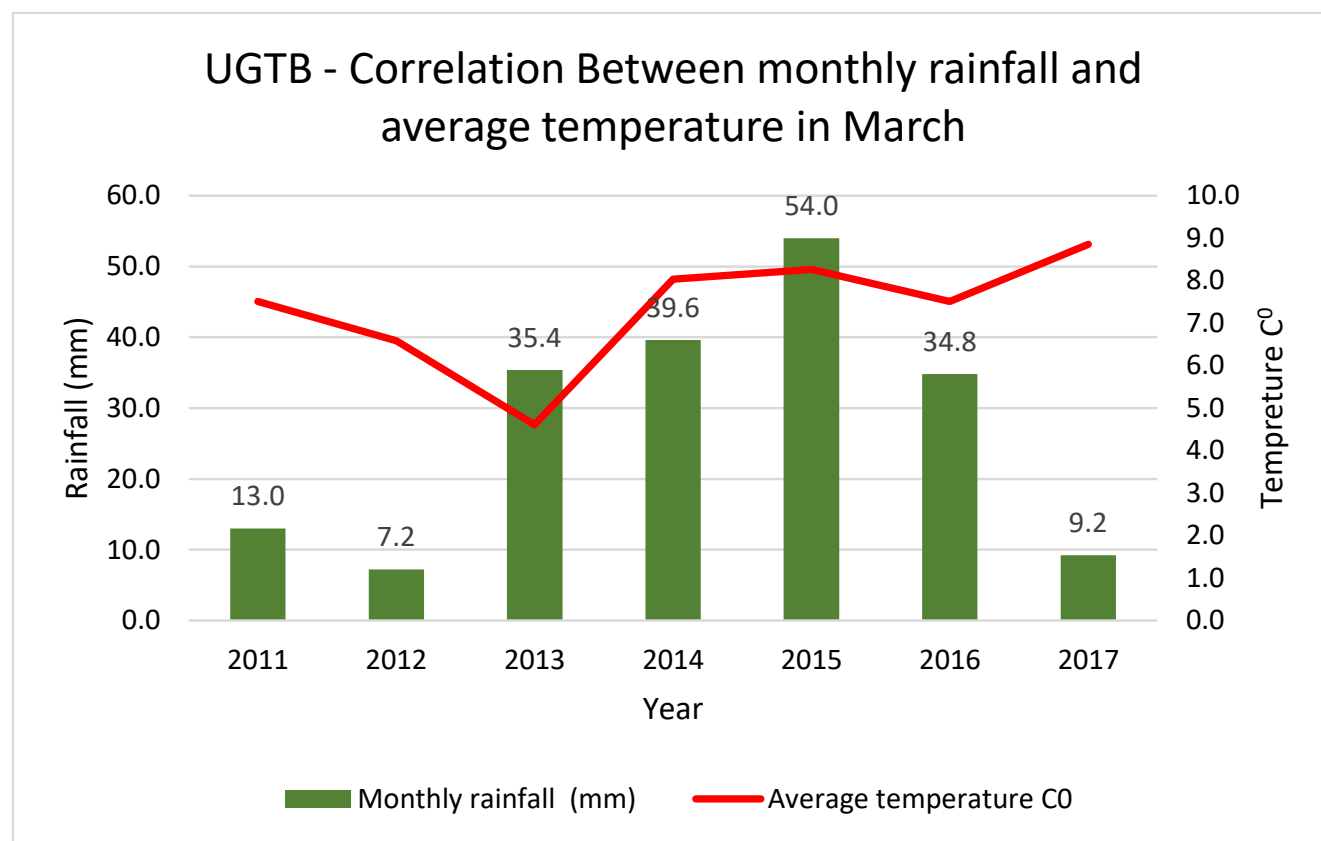
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in March (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	13.0	7.5
2012	7.2	6.6
2013	35.4	4.6
2014	39.6	8.0
2015	54.0	8.3
2016	34.8	7.5
2017	9.2	8.9
Total rainfall	193.2	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: APRIL

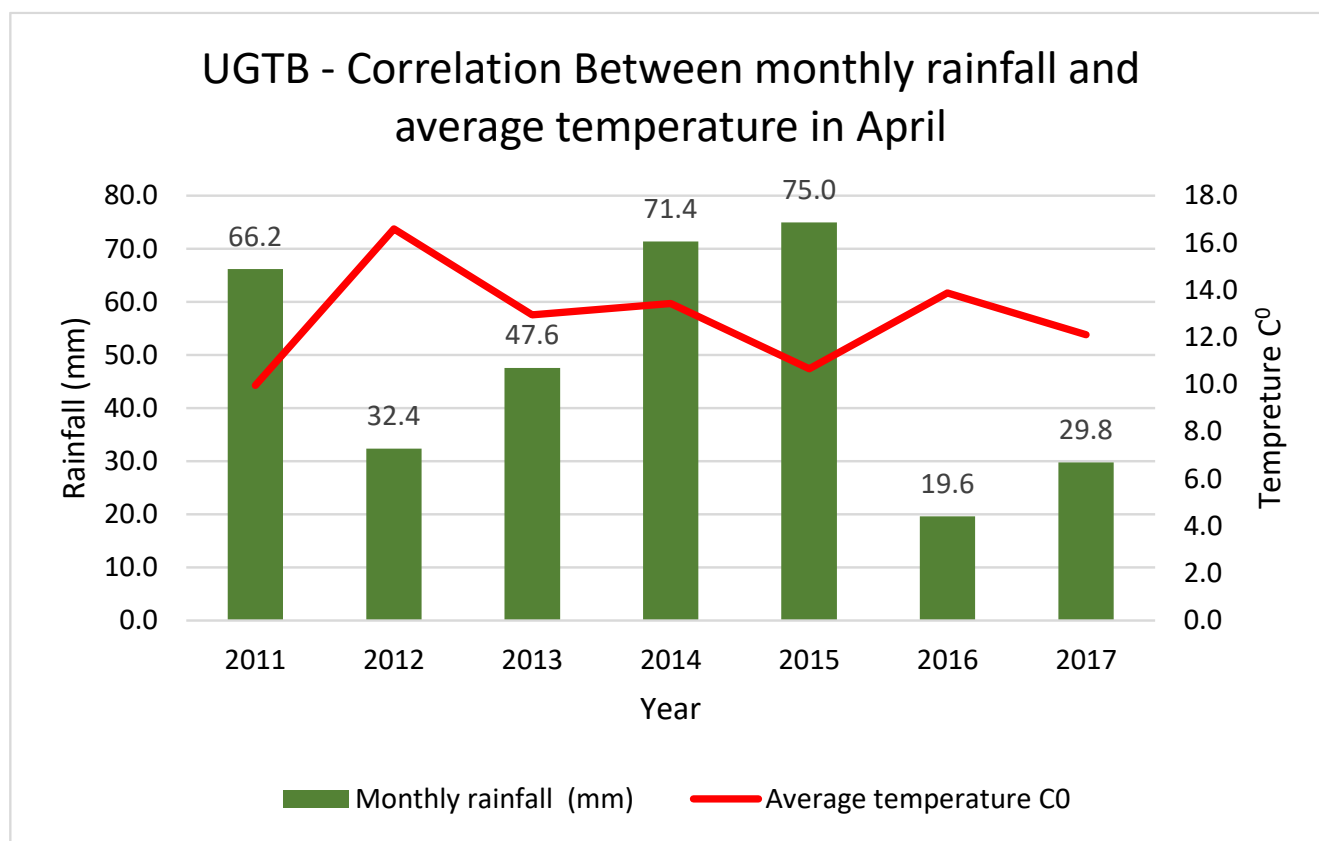
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in April (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	66.2	10.0
2012	32.4	16.6
2013	47.6	13.0
2014	71.4	13.4
2015	75.0	10.7
2016	19.6	13.9
2017	29.8	12.1
<b>Total rainfall</b>	<b>342.0</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL I

AERODROME: UGTB

MONTH: MAY

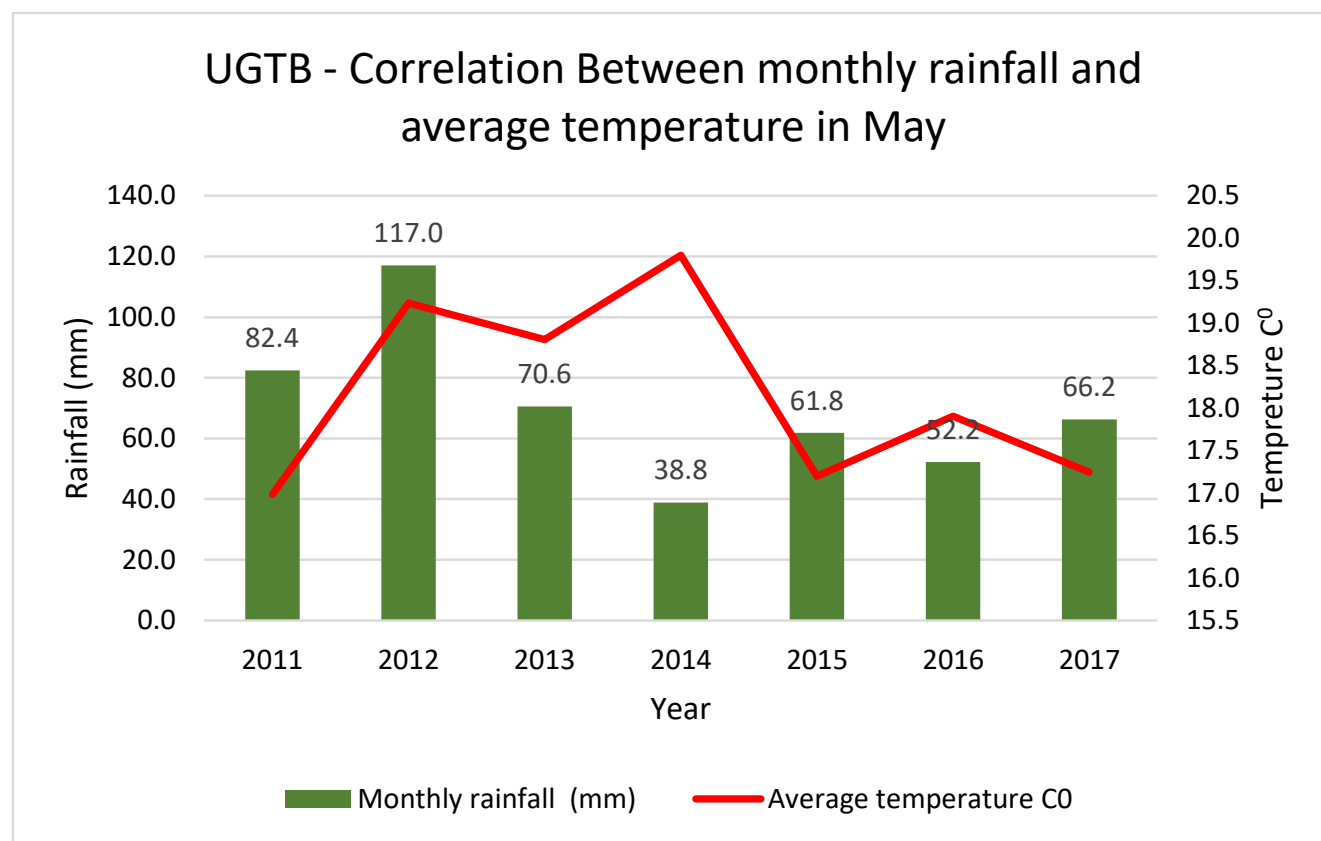
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in May (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	82.4	17.0
2012	117.0	19.2
2013	70.6	18.8
2014	38.8	19.8
2015	61.8	17.2
2016	52.2	17.9
2017	66.2	17.2
Total rainfall	489.0	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: JUNE

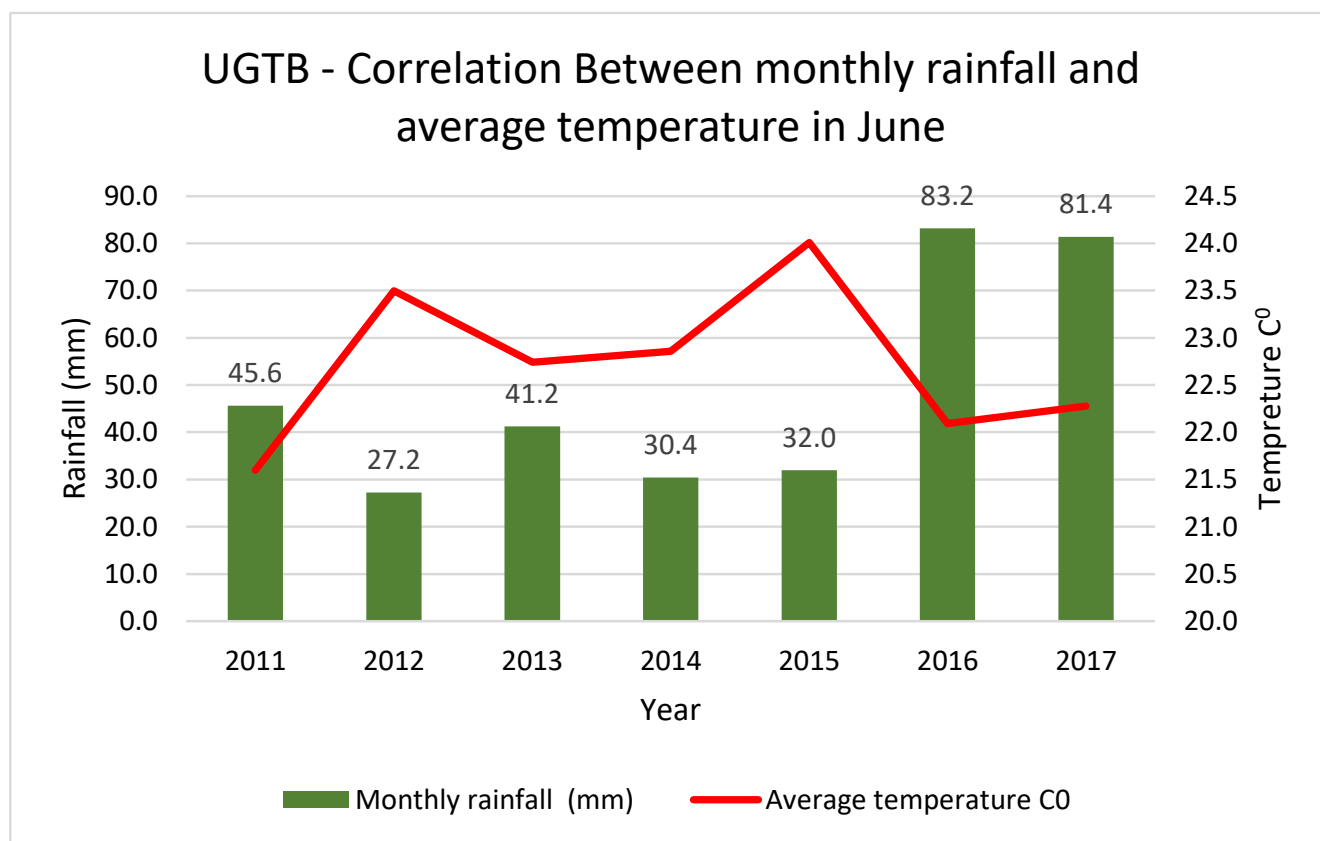
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in June (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	45.6	21.6
2012	27.2	23.5
2013	41.2	22.7
2014	30.4	22.9
2015	32.0	24.0
2016	83.2	22.1
2017	81.4	22.3
Total rainfall	341.0	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL I

AERODROME: UGTB

MONTH: JULY

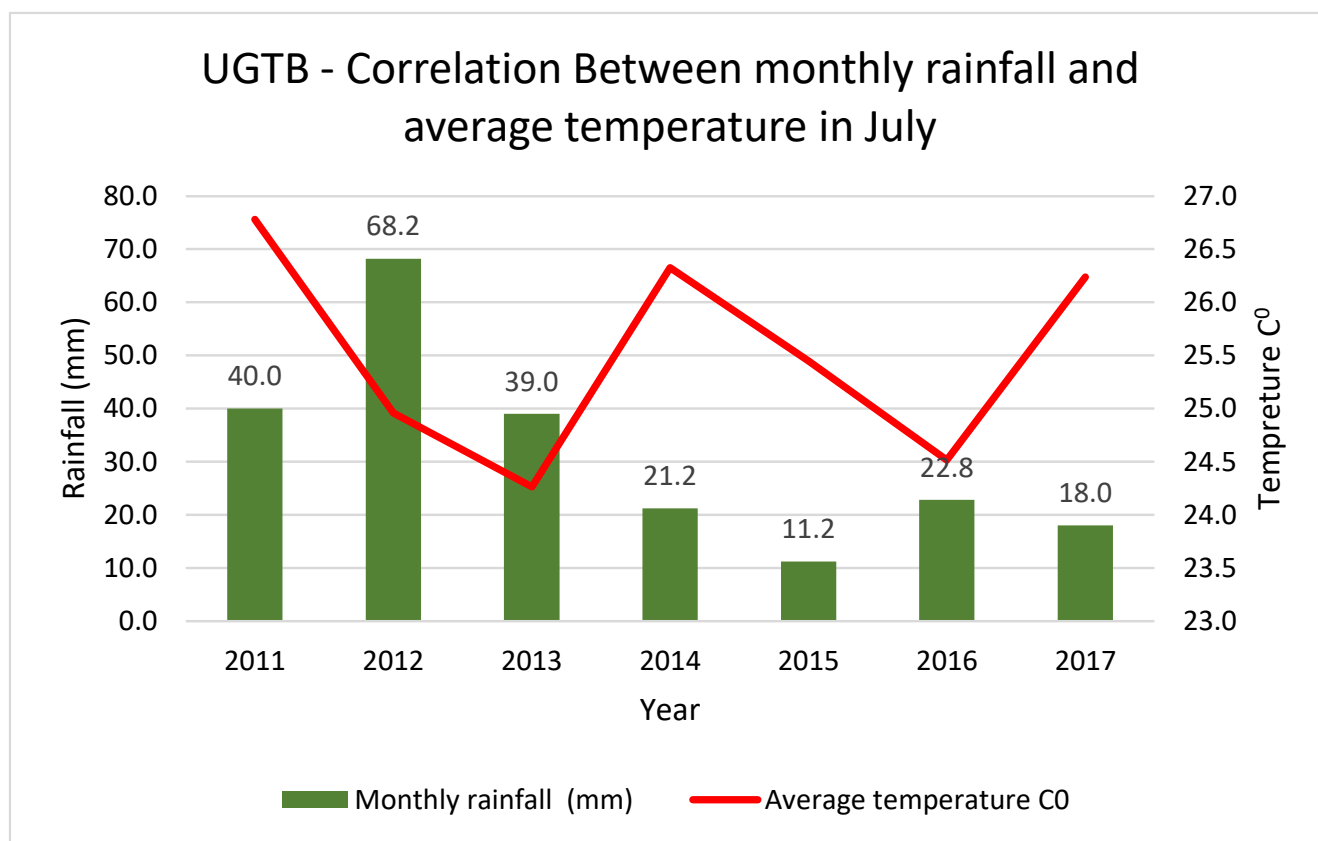
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in July (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	40.0	26.8
2012	68.2	25.0
2013	39.0	24.3
2014	21.2	26.3
2015	11.2	25.4
2016	22.8	24.5
2017	18.0	26.2
<b>Total rainfall</b>	<b>220.4</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: AUGUST

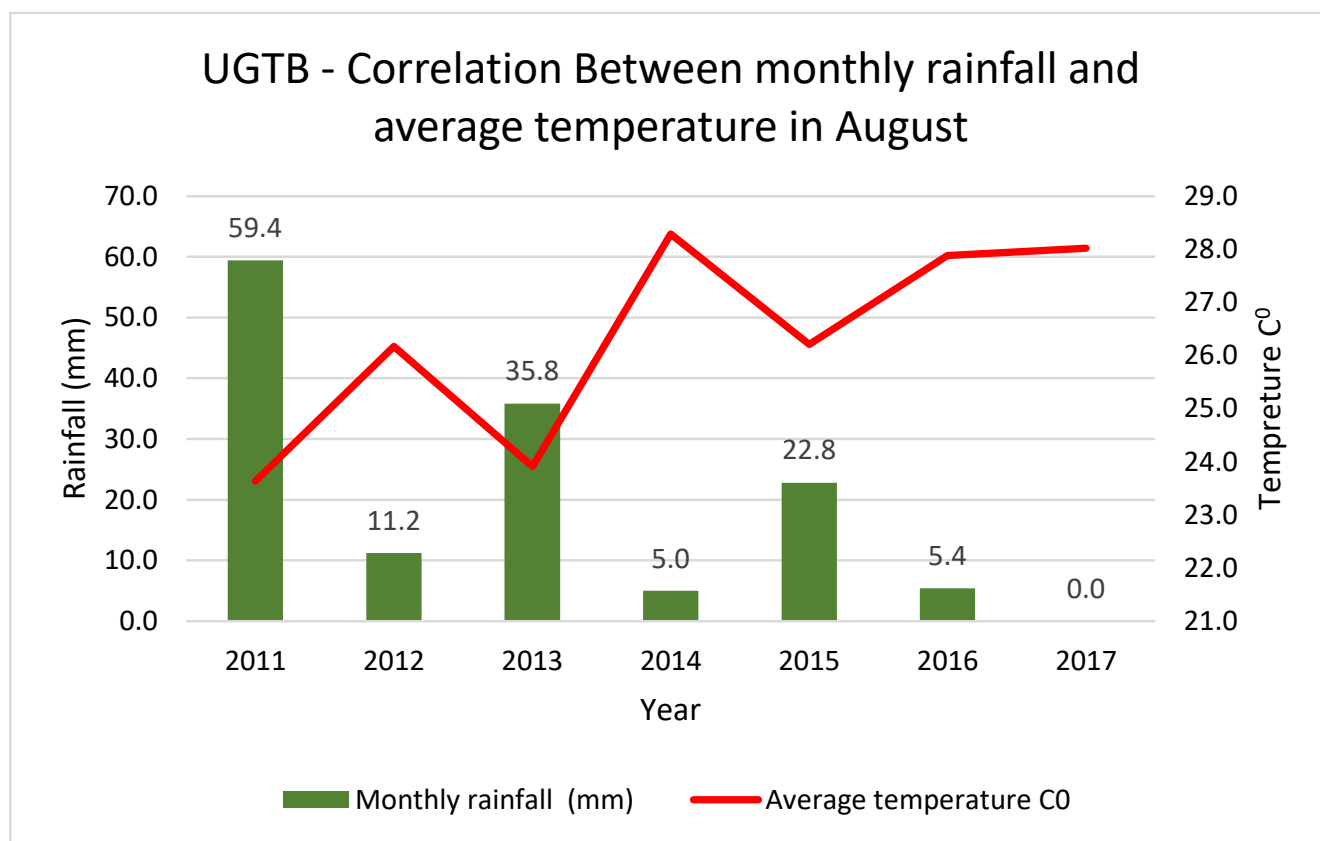
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in August (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	59.4	23.6
2012	11.2	26.2
2013	35.8	23.9
2014	5.0	28.3
2015	22.8	26.2
2016	5.4	27.9
2017	0.0	28.0
Total rainfall	139.6	





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL I

AERODROME: UGTB

MONTH: SEPTEMBER

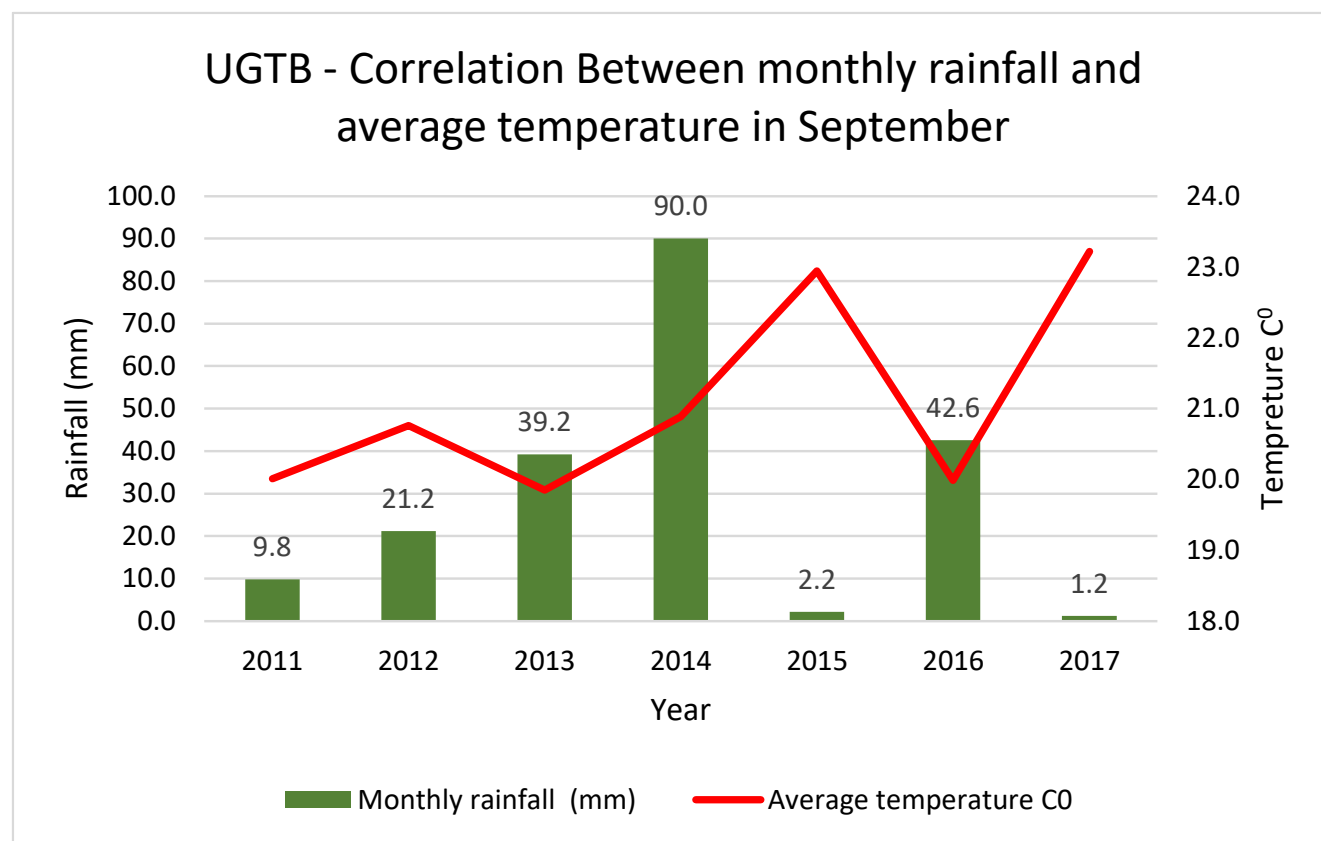
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in September (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	9.8	20.0
2012	21.2	20.8
2013	39.2	19.8
2014	90.0	20.9
2015	2.2	22.9
2016	42.6	20.0
2017	1.2	23.2
Total rainfall	206.2	



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL I**

AERODROME: UGTB

MONTH: OCTOBER

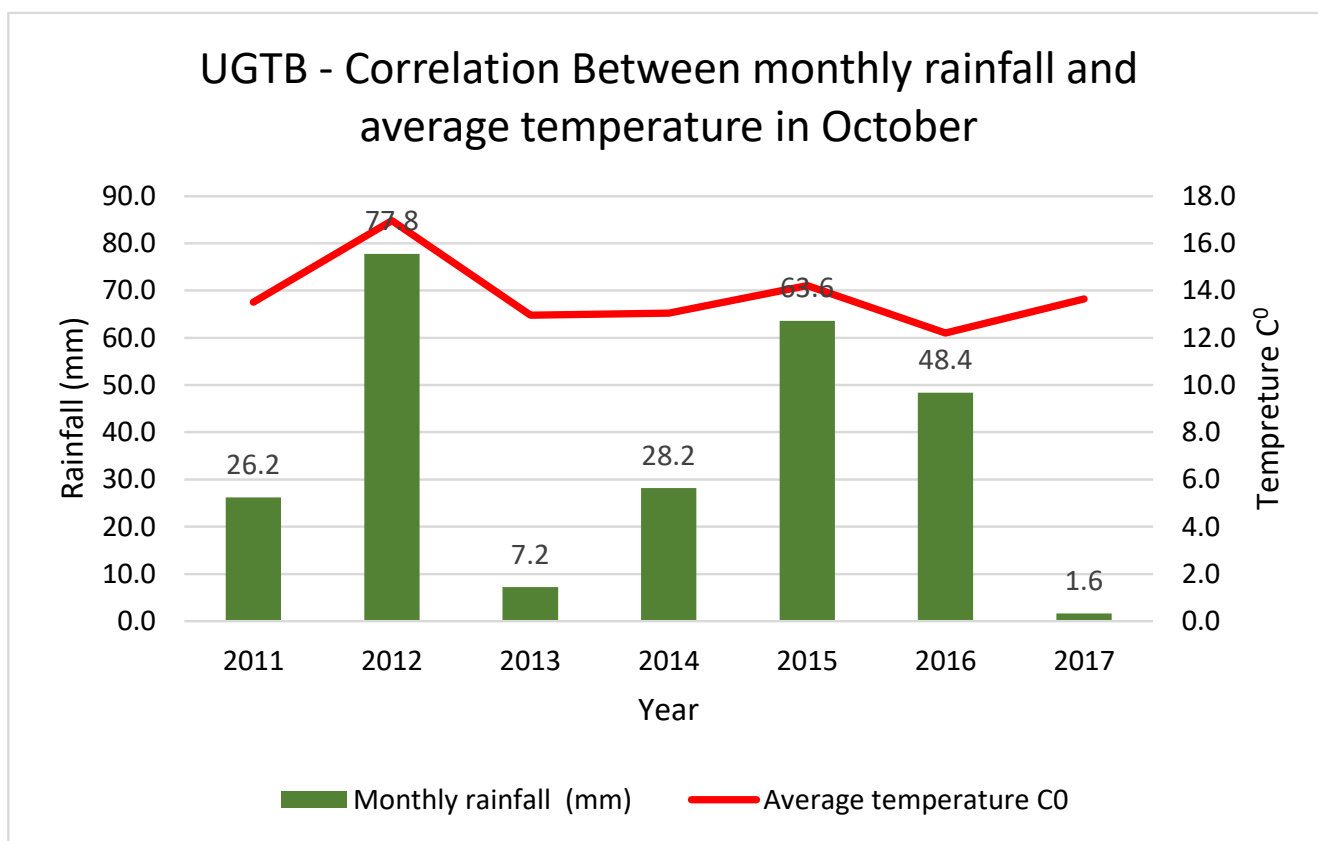
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in October (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	26.2	13.5
2012	77.8	17.0
2013	7.2	13.0
2014	28.2	13.0
2015	63.6	14.2
2016	48.4	12.2
2017	1.6	13.6
<b>Total rainfall</b>	<b>253.0</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: NOVEMBER

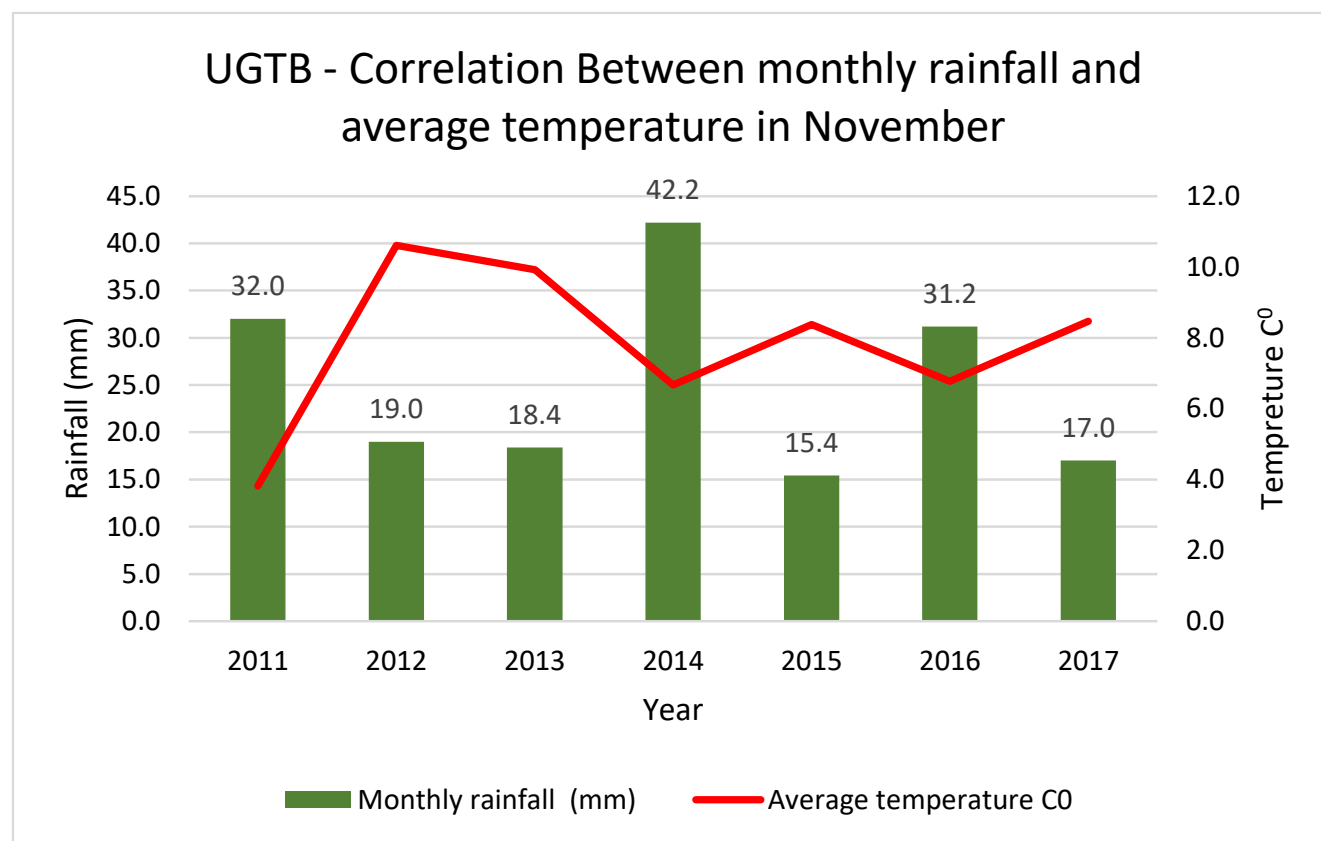
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in November (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	32.0	3.8
2012	19.0	10.6
2013	18.4	9.9
2014	42.2	6.7
2015	15.4	8.4
2016	31.2	6.8
2017	17.0	8.5
Total rainfall	175.2	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGTB

MONTH: DECEMBER

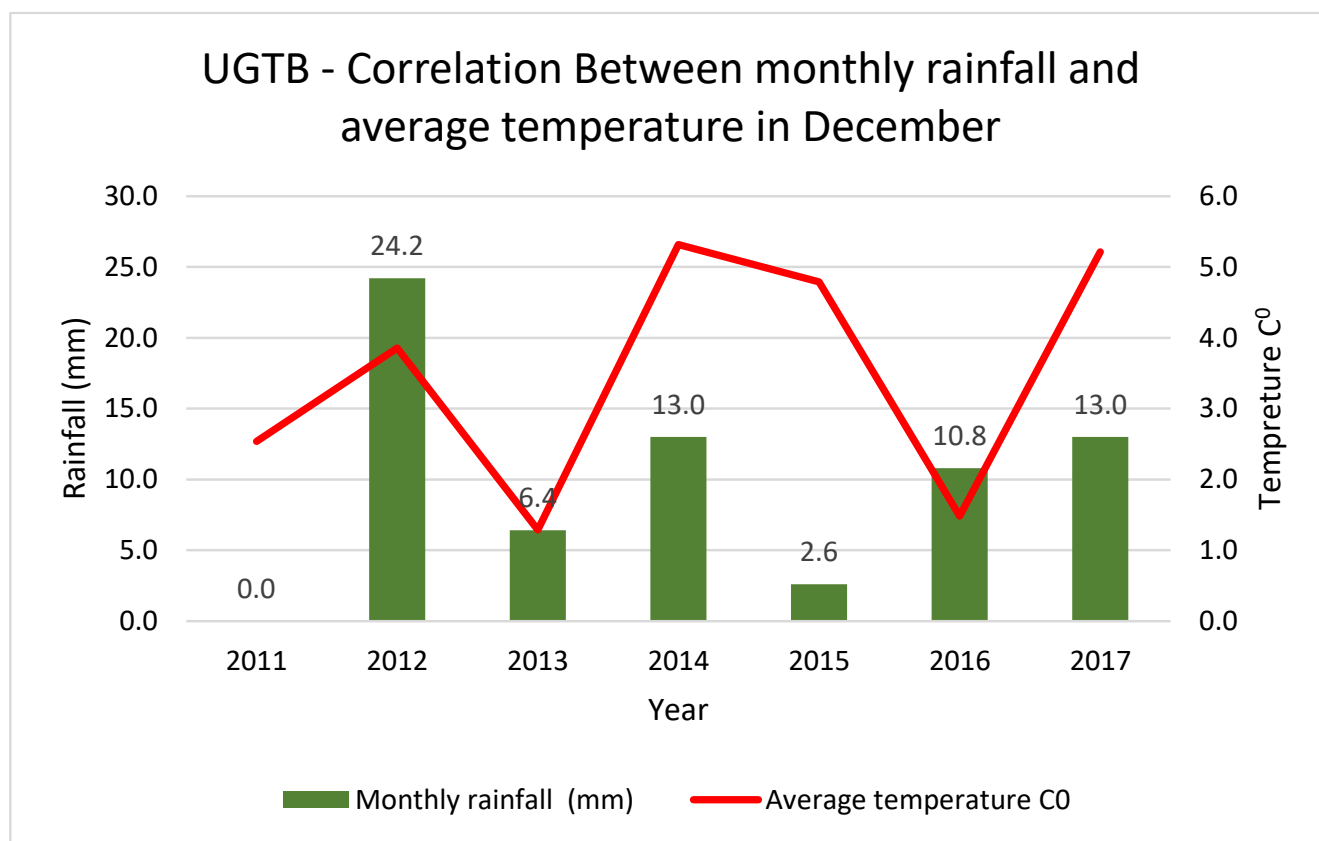
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Correlation Between monthly rainfall and average temperature in December (UGTB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	0.0	2.5
2012	24.2	3.9
2013	6.4	1.3
2014	13.0	5.3
2015	2.6	4.8
2016	10.8	1.5
2017	13.0	5.2
Total rainfall	70.0	



# ANNUAL RAINFALL

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL J

AERODROME: UGTB

ANNUAL

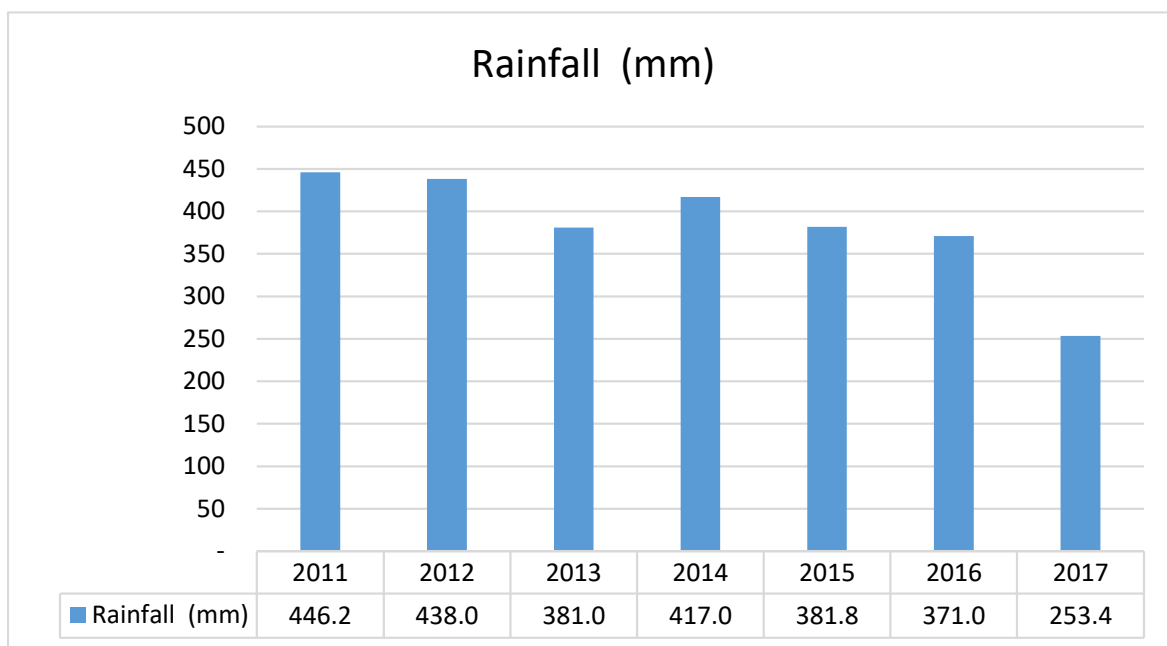
PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Annual rainfall (UGTB)							
UGTB	Year						
	2011	2012	2013	2014	2015	2016	2017
Rainfall (mm)	446.2	438.0	381.0	417.0	381.8	371.0	253.4



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL K**

AERODROME: UGTB

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 140256

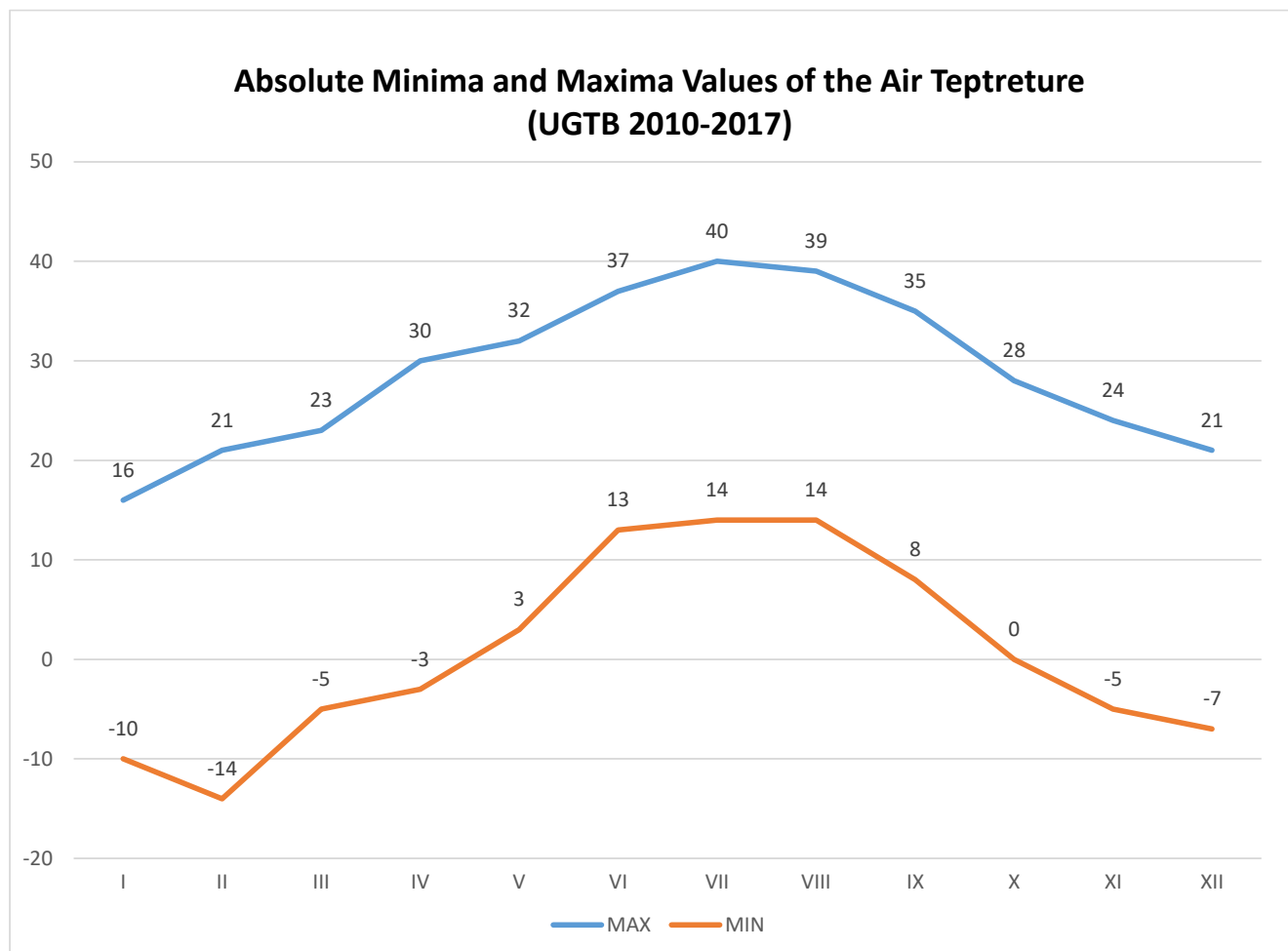
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

Absolute Minimum and Maximum Values of the Air Temperature (UGTB 2010-2017)												
TEMP (C°)	MONTH											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
MAX	16	21	23	30	32	37	40	39	35	28	24	21
MIN	-10	-14	-5	-3	3	13	14	14	8	-0	-5	-7



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL L**

AERODROME: UGTB                      MONTHLY                      PERIOD OF RECORD: 2010-2017  
 TOTAL NUMBER OF OBSERVATIONS: 140256                      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 414008.96N                      LONGITUDE: 0445717.25E                      ELEVATION ABOVE MSL: 1624 FT

MAXIMUM VALUE OF THE WIND GUST (UGTB 2010-2017)												
WIND GUST SPEED	MONTH											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
KT (KNOT)	53	52	63	64	48	50	51	49	57	59	57	55
M / S	27	27	32	33	25	26	26	25	29	30	29	28

# DEPARTURE AND ARRIVAL FOR UGTB AIRPORT

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF JANUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	
0030			
0100			
0130			
0200			
0230			
0300			
0330			
0400			
0430			
0500			
0530			
0600			
0630			
0700			
0730			
0800			
0830			
0900			
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	
1030	WORSE	GOOD	BETTER
1100			
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF January)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	
1700	WORSE	GOOD	
1730	WORSE	GOOD	
1800	WORSE	GOOD	
1830	WORSE		
1900	WORSE	GOOD	
1930			
2000			
2030			
2100			
2130			
2200			
2230			
2300	WORSE		
2330	WORSE	GOOD	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB  
LATITUDE: 414008.96N

MONTH: FEBRUARY  
LONGITUDE: 0445717.25E

PERIOD OF RECORD: 2011-2017  
ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF FEBRUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0030			
0100			
0130			
0200			
0230			
0300			
0330			
0400			
0430			
0500			
0530			
0600			
0630			
0700			
0730	WORSE		
0800	WORSE		
0830	WORSE		
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	
1000	WORSE	GOOD	
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	
1130	WORSE	GOOD	

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF FEBRUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	
1300	WORSE		
1330	WORSE	GOOD	BETTER
1400			
1430			
1500	WORSE	GOOD	
1530			
1600	WORSE	GOOD	
1630	WORSE	GOOD	
1700			
1730			
1800			
1830			
1900			
1930			
2000			
2030			
2100			
2130			
2200			
2230			
2300			
2330			

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF MARCH)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	
0300	WORSE	GOOD	
0330	WORSE	GOOD	
0400	WORSE	GOOD	
0430			
0500			
0530			
0600	WORSE		
0630	WORSE		
0700	WORSE	GOOD	
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF MARCH)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
1930	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2030	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB  
LATITUDE: 414008.96N

MONTH: APRIL  
LONGITUDE: 0445717.25E

PERIOD OF RECORD: 2011-2017  
ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF APRIL)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0430	WORSE	GOOD	BETTER
0500	WORSE	GOOD	
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF APRIL)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
1930	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2030	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF MAY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0430	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030			
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF MAY)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200			
1230			
1300			
1330			
1400			
1430			
1500			
1530			
1600			
1630			
1700			
1730			
1800			
1830			
1900			
1930			
2000			
2030			
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF JUNE)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0430	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF JUNE)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200			
1230			
1300			
1330			
1400			
1430			
1500			
1530			
1600			
1630			
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1730			
1800			
1830			
1900			
1930			
2000			
2030			
2100			
2130			
2200			
2230			
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF JULY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0430	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF JULY)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600			
1630	WORSE	GOOD	BETTER
1700			
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1800			
1830			
1900	WORSE	GOOD	BETTER
1930	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2030	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF AUGUST)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0430	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF AUGUST)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
1930	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2030	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF SEPTEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0430	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF SEPTEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
1930	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2030	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF OCTOBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	
0330	WORSE	GOOD	BETTER
0400	WORSE	GOOD	
0430	WORSE	GOOD	
0500	WORSE	GOOD	
0530	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0630	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0730	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF OCTOBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
1930	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2030	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2130	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2230	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER
2330	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF NOVEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	
0030	WORSE	GOOD	BETTER
0100	WORSE	GOOD	
0130	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0230	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0330	WORSE	GOOD	
0400	WORSE		
0430			
0500	WORSE		
0530	WORSE		
0600			
0630			
0700			
0730	WORSE		
0800	WORSE	GOOD	BETTER
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF NOVEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	BETTER
1900	WORSE	GOOD	
1930	WORSE	GOOD	
2000	WORSE	GOOD	
2030			
2100			
2130	WORSE		
2200	WORSE	GOOD	
2230	WORSE		
2300	WORSE	GOOD	
2330	WORSE		

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2011-2017

LATITUDE: 414008.96N

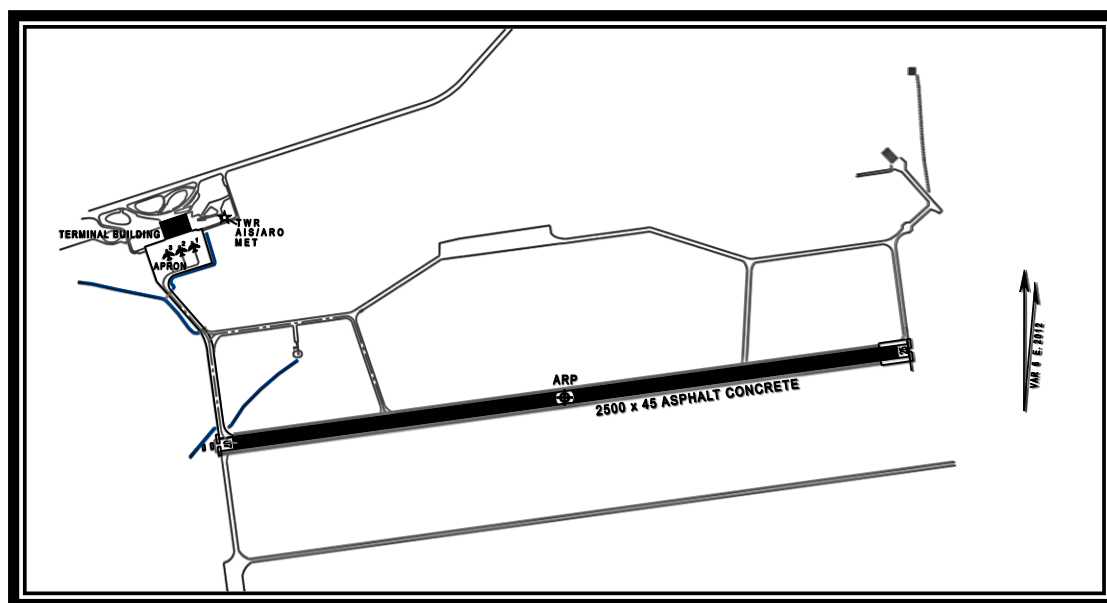
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF DECEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0030			
0100			
0130			
0200			
0230			
0300			
0330			
0400			
0430			
0500			
0530			
0600			
0630			
0700			
0730	WORSE	GOOD	
0800	WORSE	GOOD	
0830	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
0930	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1030	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1130	WORSE	GOOD	BETTER

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGTB AIRPORT (MONTH OF DECEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
1200	WORSE	GOOD	BETTER
1230	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1330	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1430	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1530	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1630	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1730	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1830	WORSE	GOOD	
1900	WORSE	GOOD	
1930	WORSE	GOOD	
2000	WORSE	GOOD	
2030	WORSE	GOOD	
2100	WORSE		
2130			
2200			
2230			
2300			
2330			

## KUTAISI INTERNATIONAL AIRPORT (UGKO)



The elevation of David Agmashenebeli Kutaisi International Airport is 48m (160ft) above sea level. There is one runway with two touchdown zones (TDZ07/25). It is located on the right bank of the river Rioni, approximately 20 km from Kutaisi. The airport territory is surrounded by high mountain ranges, whose height and distance from the observation site is given in Table No. 6.

Table No. 6. Height of the mountains located near Kutaisi International Airport and their distance from the observation site.

Mountain	Heights Above Sea Level		Distance from the observation site m
	m	ft	
Askhi	2520	8267	25 388
Khvamli	2001	6564	30 109
Gomi	2121	6958	19 862

This territory is located in the moderately humid subtropical zone. This fact, along with its geographical location, determines the climatic conditions of the area. They are characterized by moderately warm winters and relatively dry and hot summers. West and east winds prevail in Kutaisi. This is mostly due to its location on the Kolkheti Lowland, which permits cold air masses to move easily into the area both from the west (i.e. from the Black Sea) and from the east (i.e. from the Caspian Sea). The river Rioni gorge in its Kutaisi section is characterized by foehn-type winds, which significantly determines the temperature regime of the area. Due to this fact, air temperature at Kutaisi Airport is relatively higher than at other airports of Georgia (See Model E). Here, the frequency of east winds and their intensity are quite high. Such weather conditions are experienced when easterly circular processes are taking place in South Caucasus.

In the vicinity of Kutaisi Airport weather conditions most difficult for flight operations occur during the process of "westerly invasion". If the process is strong, it generates a difficult meteorological situation with strong west winds (See Model D), low height of the base of the lowest cloud layer and reduced visibility; thunderstorms develop, accompanied by shower precipitation. Foggy days are frequent during the winter. Such adverse weather conditions do not last for long. After strong invasions have finished, anti-cyclone type weather is formed.

For Kutaisi International Airport, information was received by using one-hour METARs for the 2010-2012 period and thirty-minute (xx30 and xx00) METARs for the 2013-2017 period.

# RVR, VISIBILITY AND CEILING

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL A

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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

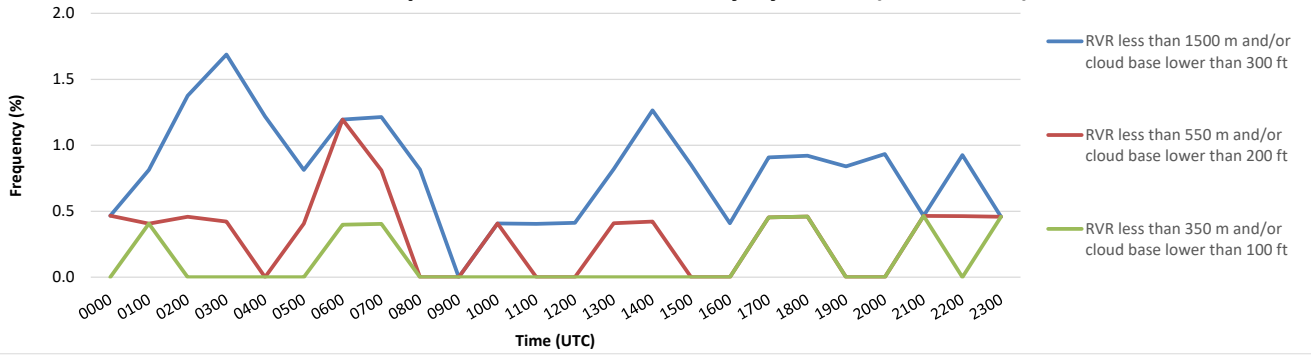
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	0.47	0.47	0.47	0.93	3.27	21.96
0100	-	-	0.41	0.41	0.81	0.81	1.63	4.88	22.36
0200	-	-	-	0.46	1.38	0.92	1.83	3.67	19.72
0300	-	-	-	0.42	1.69	1.27	1.69	5.06	18.99
0400	-	-	-	-	1.22	0.81	1.22	2.85	19.11
0500	-	-	-	0.41	0.81	0.81	1.22	4.07	17.07
0600	-	-	0.40	1.20	1.20	1.20	1.20	1.99	19.52
0700	-	-	0.40	0.81	1.21	1.21	1.21	4.05	16.19
0800	-	-	-	-	0.82	0.82	1.22	1.63	14.29
0900	-	-	-	-	-	-	0.41	2.85	15.04
1000	-	-	-	0.41	0.41	0.41	0.41	2.45	15.51
1100	-	-	-	-	0.40	-	0.40	2.43	14.17
1200	-	-	-	-	0.41	0.41	0.83	1.65	11.98
1300	-	-	-	0.41	0.82	0.41	0.82	1.64	14.75
1400	-	-	-	0.42	1.27	0.84	1.27	2.11	13.92
1500	-	-	-	-	0.85	-	1.28	1.70	14.89
1600	-	-	-	-	0.41	-	0.82	2.46	15.57
1700	-	-	0.45	0.45	0.91	0.45	1.36	2.27	19.09
1800	-	-	0.46	0.46	0.92	0.46	0.92	2.76	20.28
1900	-	-	-	-	0.84	0.84	1.68	3.36	18.49
2000	-	-	-	-	0.93	0.47	0.93	3.27	20.09
2100	-	-	0.47	0.47	0.47	0.47	1.40	3.26	22.33
2200	-	-	-	0.46	0.93	0.93	0.93	3.24	20.37
2300	-	-	0.46	0.46	0.46	0.46	0.92	3.67	20.64
TOTAL	-	-	0.12	0.32	0.82	0.60	1.10	2.93	17.66

In January, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.12% (see Model A).

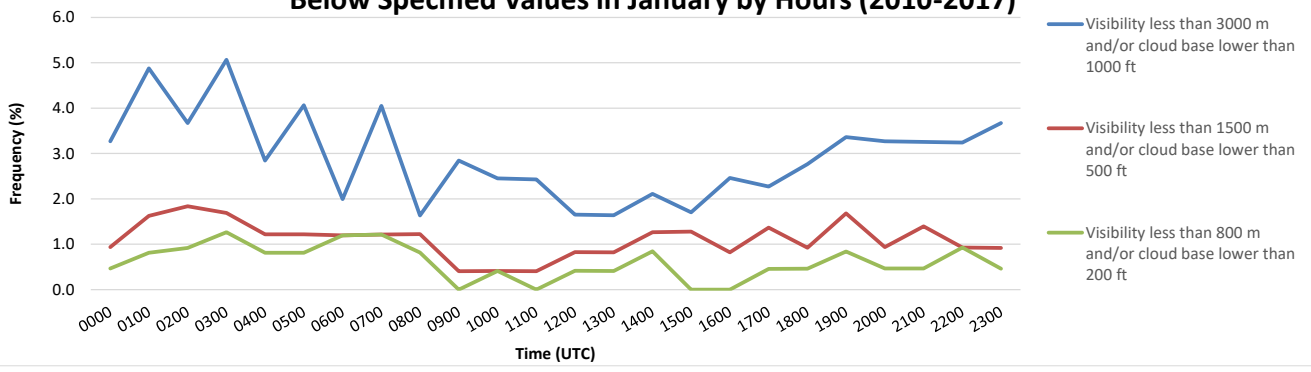
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.10% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in January by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in January by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

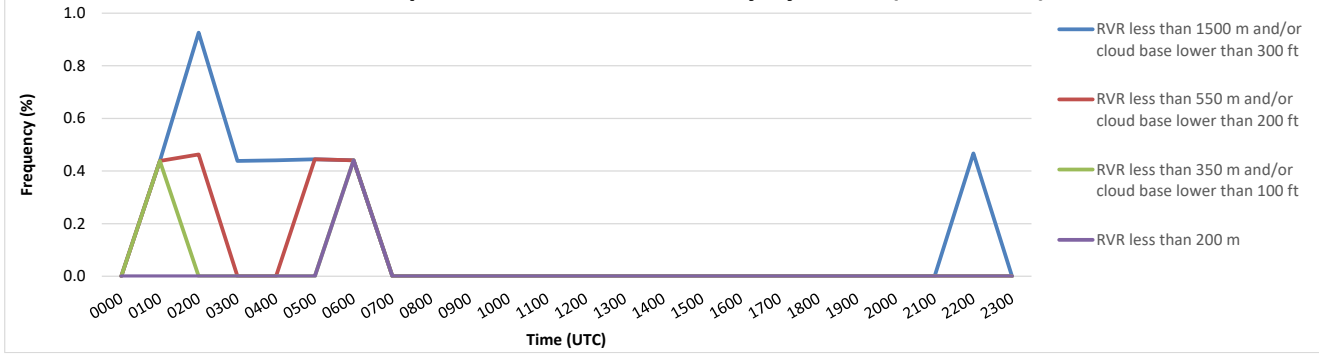
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	0.50	0.50	6.00	19.00
0100	-	-	0.44	0.44	0.44	0.44	0.88	3.95	21.93
0200	-	-	-	0.46	0.93	0.93	0.93	5.56	20.83
0300	-	-	-	-	0.44	0.44	0.44	4.39	20.18
0400	-	-	-	-	0.44	-	0.44	3.08	21.15
0500	-	-	-	0.44	0.44	0.89	1.33	5.33	20.44
0600	-	0.44	0.44	0.44	0.44	0.44	1.76	5.73	20.26
0700	-	-	-	-	-	-	0.44	2.22	16.44
0800	-	-	-	-	-	-	-	3.07	14.91
0900	-	-	-	-	-	-	0.44	2.64	12.78
1000	-	-	-	-	-	-	0.44	2.21	12.83
1100	-	-	-	-	-	-	-	3.57	12.05
1200	-	-	-	-	-	-	0.44	2.22	12.00
1300	-	-	-	-	-	-	-	1.30	11.69
1400	-	-	-	-	-	-	0.89	2.23	11.16
1500	-	-	-	-	-	-	0.45	2.71	15.38
1600	-	-	-	-	-	-	-	3.52	14.54
1700	-	-	-	-	-	-	-	3.26	15.35
1800	-	-	-	-	-	-	-	1.83	14.68
1900	-	-	-	-	-	-	-	3.08	16.74
2000	-	-	-	-	-	-	-	1.97	18.23
2100	-	-	-	-	-	-	0.51	3.59	21.54
2200	-	-	-	-	0.47	-	0.47	3.74	21.50
2300	-	-	-	-	-	-	-	3.55	21.83
TOTAL	-	0.02	0.04	0.08	0.15	0.15	0.44	3.35	16.90

In February, based on eight-year observation the RVR (Runway Visual Range) minimum values of below 550 meters and/or cloud ceiling below 200 feet, based on eight-year observation, constitutes 0.02% (see Model A).

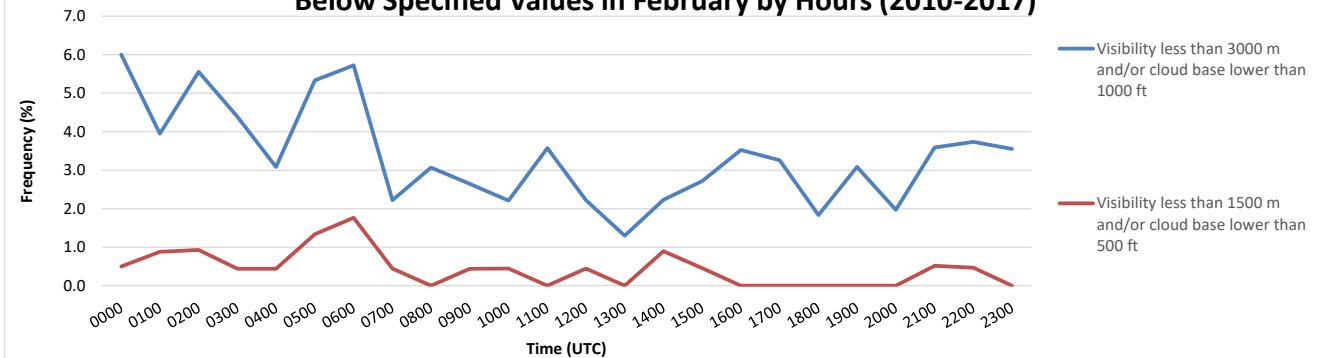
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.44% (see Model A).

### UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in February by Hours (2010-2017)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in February by Hours (2010-2017)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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

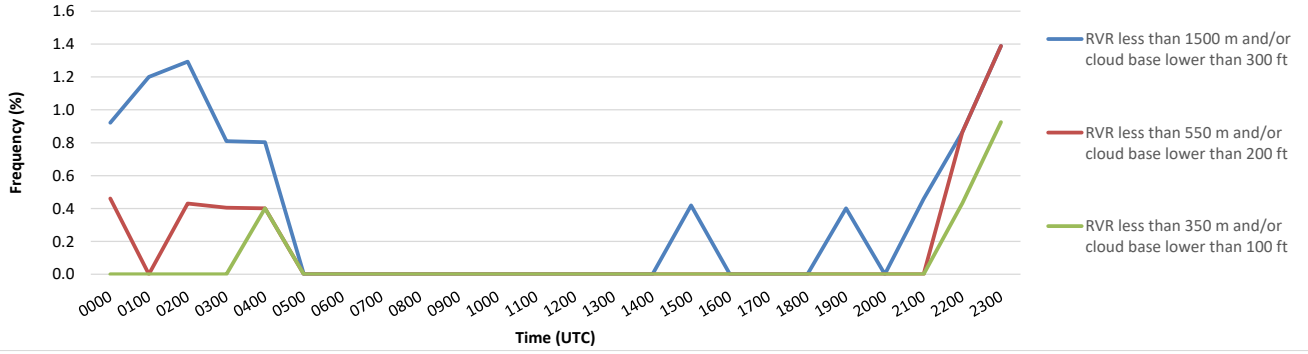
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	0.46	0.92	1.38	1.38	2.76	19.35
0100	-	-	-	-	1.20	0.80	1.60	2.80	22.40
0200	-	-	-	0.43	1.29	0.86	0.86	2.16	21.12
0300	-	-	-	0.40	0.81	0.81	1.62	3.24	22.67
0400	-	-	0.40	0.40	0.80	0.40	2.81	5.22	22.89
0500	-	-	-	-	-	-	0.81	2.02	23.39
0600	-	-	-	-	-	-	-	1.22	17.48
0700	-	-	-	-	-	-	-	0.41	13.88
0800	-	-	-	-	-	-	-	0.41	12.24
0900	-	-	-	-	-	-	0.40	0.81	11.69
1000	-	-	-	-	-	-	0.41	0.82	11.89
1100	-	-	-	-	-	-	0.82	1.23	11.07
1200	-	-	-	-	-	0.41	0.41	0.82	11.11
1300	-	-	-	-	-	0.41	0.41	1.23	9.84
1400	-	-	-	-	-	0.42	0.42	0.84	8.37
1500	-	-	-	-	0.42	0.42	0.42	0.84	8.79
1600	-	-	-	-	-	0.41	0.41	0.82	9.43
1700	-	-	-	-	-	0.43	0.43	1.29	14.16
1800	-	-	-	-	-	0.43	0.43	0.85	12.82
1900	-	-	-	-	0.40	0.40	0.40	0.80	13.65
2000	-	-	-	-	-	0.91	0.91	0.91	11.82
2100	-	-	-	-	0.46	0.46	0.92	0.92	13.30
2200	-	-	0.43	0.87	0.87	1.30	1.30	2.16	14.29
2300	-	-	0.93	1.39	1.39	1.85	1.85	3.24	14.81
TOTAL	-	-	0.07	0.16	0.35	0.49	0.79	1.57	14.71

In March, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.07% (see Model A).

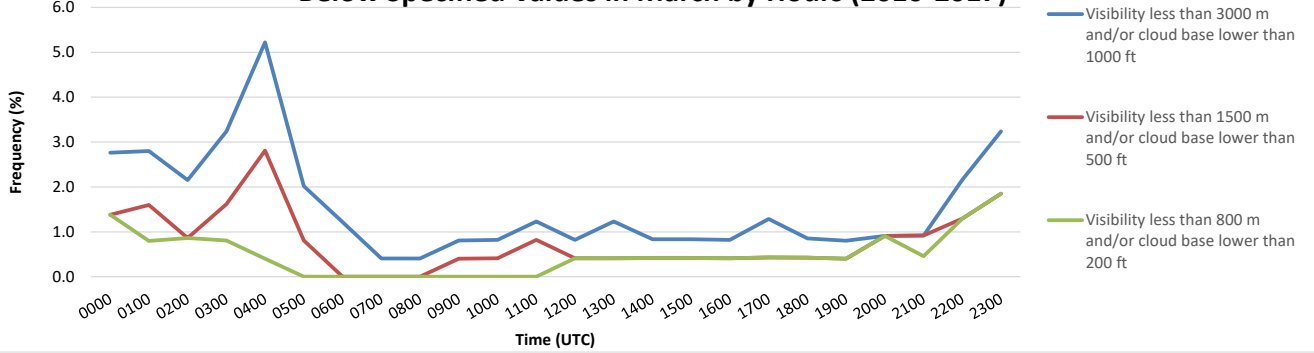
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.79% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in March by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in March by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

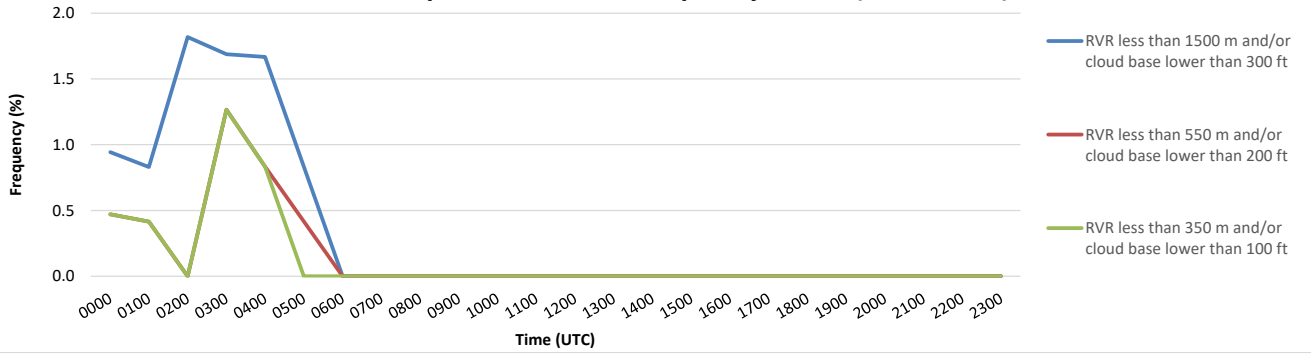
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.47	0.47	0.94	0.94	0.94	0.94	13.68
0100	-	-	0.41	0.41	0.83	0.83	0.83	0.83	18.67
0200	-	-	-	-	1.82	1.36	2.27	3.64	22.73
0300	-	-	1.27	1.27	1.69	2.95	3.38	5.06	23.21
0400	-	-	0.83	0.83	1.67	2.92	3.33	3.75	19.58
0500	-	-	-	0.42	0.83	1.67	1.67	2.50	15.00
0600	-	-	-	-	-	-	-	-	11.30
0700	-	-	-	-	-	-	-	0.42	10.08
0800	-	-	-	-	-	-	-	0.42	6.72
0900	-	-	-	-	-	-	-	0.42	7.14
1000	-	-	-	-	-	-	-	-	5.00
1100	-	-	-	-	-	-	-	-	5.93
1200	-	-	-	-	-	-	-	0.43	5.98
1300	-	-	-	-	-	-	-	0.83	6.67
1400	-	-	-	-	-	-	-	-	9.01
1500	-	-	-	-	-	-	-	-	7.17
1600	-	-	-	-	-	-	-	0.42	9.28
1700	-	-	-	-	-	-	-	-	9.69
1800	-	-	-	-	-	-	-	-	12.44
1900	-	-	-	-	-	-	-	0.43	12.34
2000	-	-	-	-	-	-	-	0.95	12.38
2100	-	-	-	-	-	-	-	-	13.08
2200	-	-	-	-	-	-	-	1.30	11.74
2300	-	-	-	-	-	0.48	0.48	1.43	15.24
TOTAL	-	-	0.13	0.14	0.32	0.47	0.54	0.99	11.78

In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.13% (see Model A).

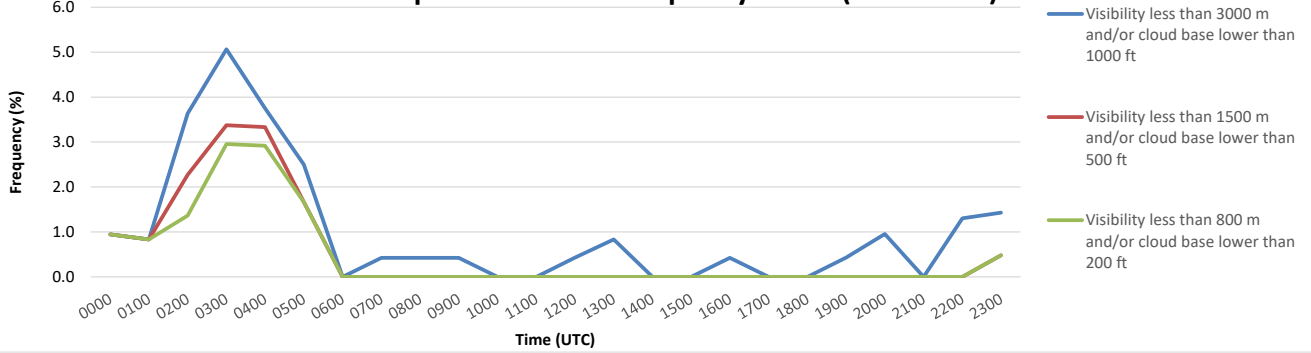
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.54% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in April by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in April by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

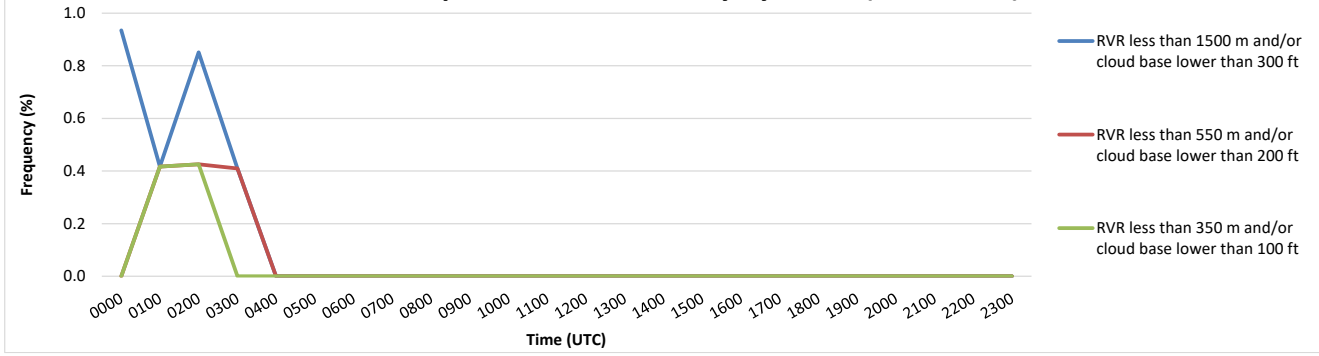
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	0.93	0.93	1.40	3.74	21.96
0100	-	-	0.42	0.42	0.42	1.25	2.50	3.75	19.58
0200	-	-	0.43	0.43	0.85	1.28	3.83	5.96	30.21
0300	-	-	-	0.41	0.41	1.64	2.87	4.51	27.46
0400	-	-	-	-	-	1.21	2.42	4.03	20.16
0500	-	-	-	-	-	0.81	1.21	2.83	17.00
0600	-	-	-	-	-	0.81	1.22	2.85	14.63
0700	-	-	-	-	-	0.81	1.62	2.83	12.15
0800	-	-	-	-	-	0.82	1.22	2.04	10.61
0900	-	-	-	-	-	0.81	1.21	2.02	10.93
1000	-	-	-	-	-	0.81	1.22	2.03	9.35
1100	-	-	-	-	-	0.82	1.23	2.06	11.11
1200	-	-	-	-	-	0.82	1.22	2.04	11.84
1300	-	-	-	-	-	0.81	1.22	2.03	10.98
1400	-	-	-	-	-	0.86	1.29	2.15	12.02
1500	-	-	-	-	-	0.83	1.25	2.50	12.50
1600	-	-	-	-	-	0.82	1.23	2.87	13.52
1700	-	-	-	-	-	0.85	1.28	2.13	14.04
1800	-	-	-	-	-	0.87	1.31	2.18	13.10
1900	-	-	-	-	-	0.83	1.24	2.49	12.45
2000	-	-	-	-	-	0.92	1.38	2.76	12.90
2100	-	-	-	-	-	0.92	1.38	3.23	15.67
2200	-	-	-	-	-	0.83	1.25	2.92	13.75
2300	-	-	-	-	-	0.93	1.39	2.31	15.74
TOTAL	-	-	0.04	0.05	0.11	0.93	1.56	2.84	15.11

In May, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.04% (see Model A).

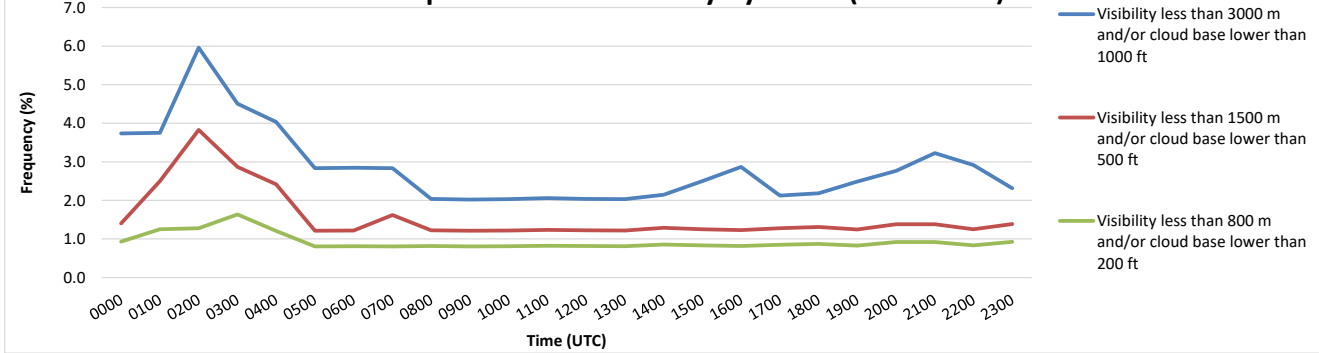
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.56% (see Model A).

### UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in May by Hours (2010-2017)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in May by Hours (2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

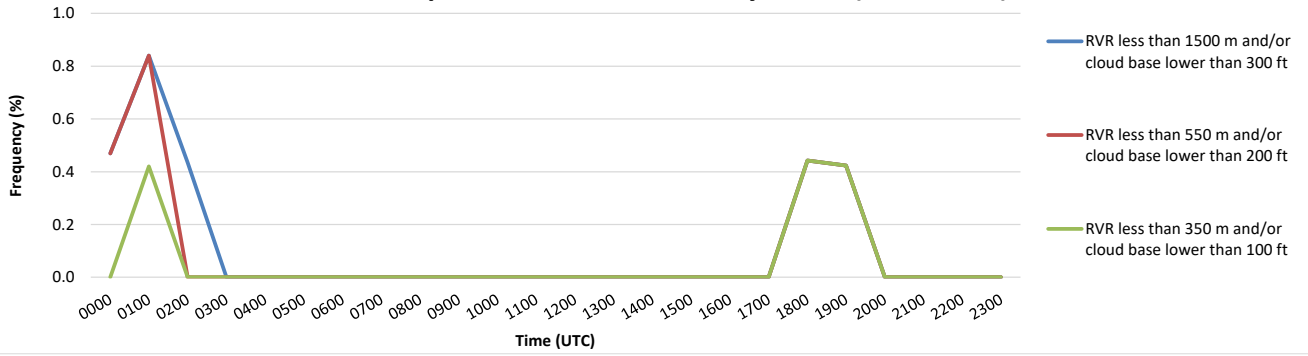
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	0.47	0.47	0.47	0.47	0.94	15.96
0100	-	-	0.42	0.84	0.84	0.84	0.84	3.78	21.01
0200	-	-	-	-	0.43	0.43	0.87	3.48	19.13
0300	-	-	-	-	-	0.83	1.24	2.07	15.70
0400	-	-	-	-	-	0.42	0.42	1.67	7.92
0500	-	-	-	-	-	-	-	0.41	3.73
0600	-	-	-	-	-	-	-	-	2.10
0700	-	-	-	-	-	-	-	-	1.65
0800	-	-	-	-	-	-	0.42	0.84	2.95
0900	-	-	-	-	-	-	-	-	2.55
1000	-	-	-	-	-	-	-	-	1.68
1100	-	-	-	-	-	-	-	-	0.86
1200	-	-	-	-	-	-	-	-	1.28
1300	-	-	-	-	-	-	-	-	2.92
1400	-	-	-	-	-	-	-	0.42	3.80
1500	-	-	-	-	-	-	-	-	3.75
1600	-	-	-	-	-	-	-	-	6.25
1700	-	-	-	-	-	-	-	-	6.99
1800	-	-	0.44	0.44	0.44	0.44	0.44	0.88	7.08
1900	-	-	0.42	0.42	0.42	0.42	0.42	0.85	8.47
2000	-	-	-	-	-	-	-	0.46	9.26
2100	-	-	-	-	-	-	-	1.40	11.68
2200	-	-	-	-	-	-	-	0.83	12.40
2300	-	-	-	-	-	-	-	0.94	11.79
TOTAL	-	-	0.05	0.09	0.11	0.16	0.21	0.79	7.45

In June, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.05% (see Model A).

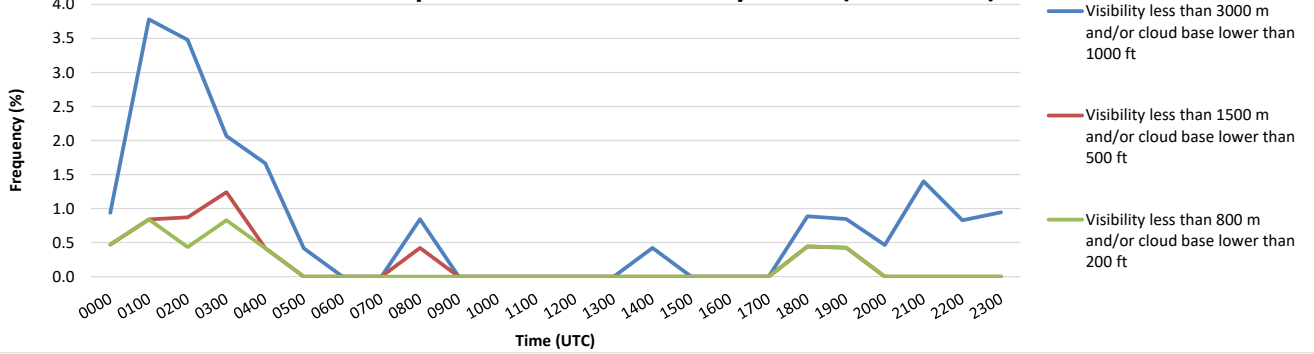
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.21% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in June by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in June by Hours (2010-2017)**





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

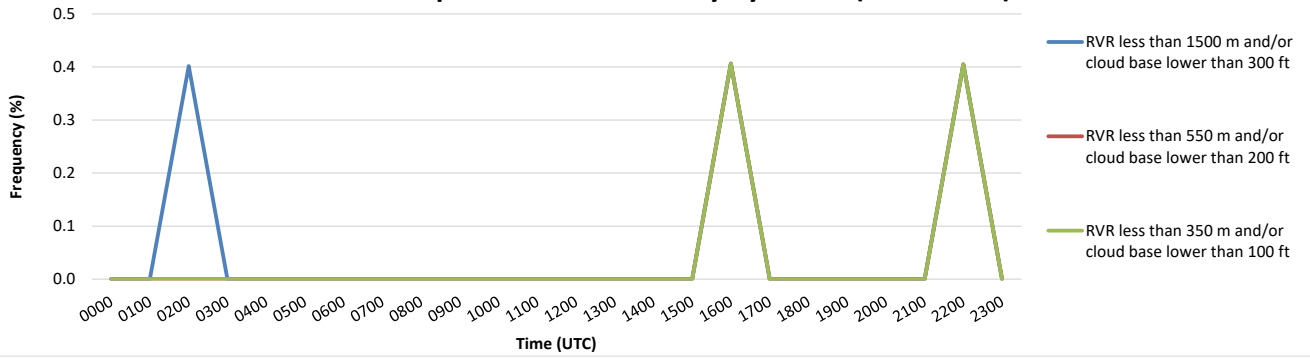
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	0.81	13.82
0100	-	-	-	-	-	-	-	0.81	18.62
0200	-	-	-	-	0.40	-	0.80	3.21	23.69
0300	-	-	-	-	-	-	-	1.20	16.40
0400	-	-	-	-	-	-	-	0.40	7.29
0500	-	-	-	-	-	-	-	0.81	5.65
0600	-	-	-	-	-	-	-	0.40	3.63
0700	-	-	-	-	-	-	-	-	2.43
0800	-	-	-	-	-	0.40	0.40	0.81	2.83
0900	-	-	-	-	-	-	-	0.40	1.61
1000	-	-	-	-	-	-	-	-	3.25
1100	-	-	-	-	-	-	-	-	2.81
1200	-	-	-	-	-	-	-	0.40	1.62
1300	-	-	-	-	-	-	-	1.22	1.63
1400	-	-	-	-	-	-	-	-	1.21
1500	-	-	-	-	-	-	-	0.40	2.41
1600	-	-	0.41	0.41	0.41	0.41	0.41	0.81	3.66
1700	-	-	-	-	-	-	-	0.41	3.67
1800	-	-	-	-	-	-	-	0.40	2.83
1900	-	-	-	-	-	0.41	0.41	0.41	4.90
2000	-	-	-	-	-	-	-	-	5.67
2100	-	-	-	-	-	-	-	-	8.91
2200	-	-	0.40	0.40	0.40	0.40	0.40	1.21	11.74
2300	-	-	-	-	-	-	-	1.21	10.12
TOTAL	-	-	0.03	0.03	0.05	0.07	0.10	0.64	6.69

In July, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.03% (see Model A).

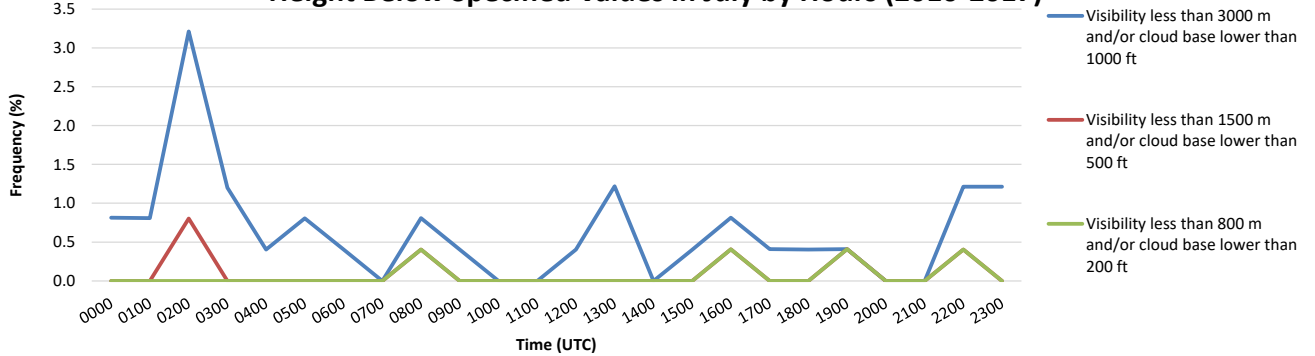
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.10% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in July by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in July by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

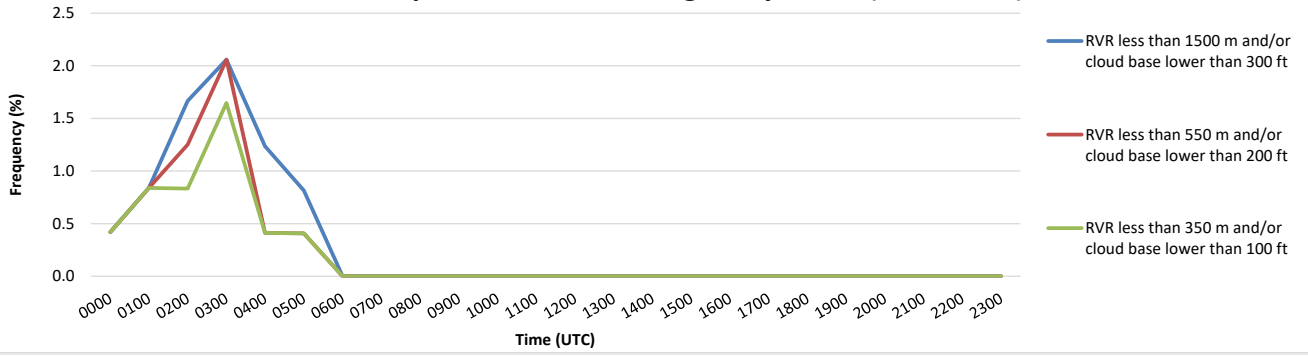
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.42	0.42	0.42	0.42	0.42	0.84	17.23
0100	-	-	0.84	0.84	0.84	0.84	0.84	2.10	18.49
0200	-	-	0.83	1.25	1.67	1.67	1.67	5.00	22.92
0300	-	-	1.65	2.06	2.06	2.47	3.70	6.58	25.10
0400	-	-	0.41	0.41	1.23	1.23	1.65	2.06	14.40
0500	-	-	0.41	0.41	0.82	0.82	0.82	1.22	6.12
0600	-	-	-	-	-	-	-	0.41	1.64
0700	-	-	-	-	-	-	-	0.82	2.06
0800	-	-	-	-	-	-	-	-	1.65
0900	-	-	-	-	-	-	-	-	1.63
1000	-	-	-	-	-	-	-	0.41	2.07
1100	-	-	-	-	-	-	-	-	1.22
1200	-	-	-	-	-	-	-	-	1.22
1300	-	-	-	-	-	-	-	0.41	1.63
1400	-	-	-	-	-	-	-	-	2.43
1500	-	-	-	-	-	-	-	-	1.23
1600	-	-	-	-	-	-	-	-	2.48
1700	-	-	-	-	-	-	-	0.41	3.31
1800	-	-	-	-	-	-	-	-	3.73
1900	-	-	-	-	-	-	-	-	4.62
2000	-	-	-	-	-	-	-	0.41	3.73
2100	-	-	-	-	-	-	-	-	6.28
2200	-	-	-	-	-	0.42	0.42	1.25	10.00
2300	-	-	-	-	-	-	-	0.83	11.98
TOTAL	-	-	0.19	0.22	0.29	0.33	0.40	0.95	6.93

In August, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.19% (see Model A).

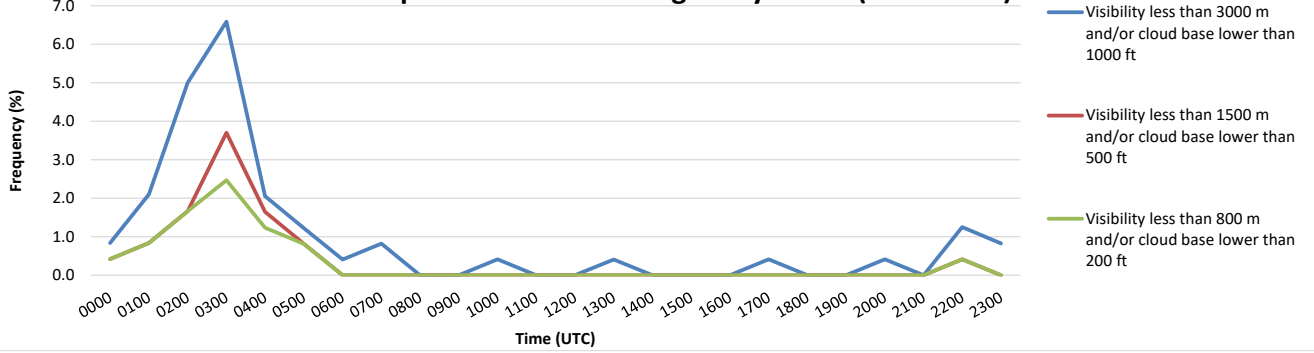
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.40% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in August by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in August by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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

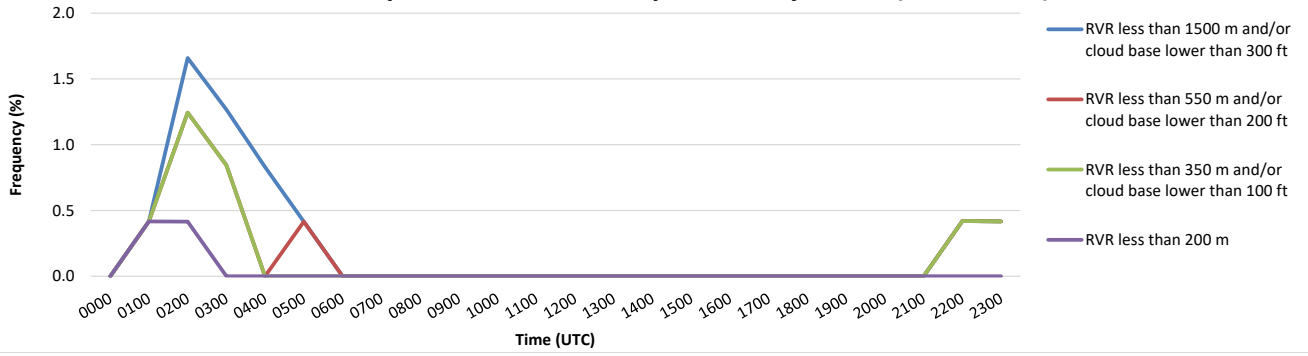
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	0.84	13.39
0100	-	0.42	0.42	0.42	0.42	0.42	0.42	2.92	11.67
0200	-	0.41	1.24	1.24	1.66	0.83	1.24	3.32	14.52
0300	-	-	0.84	0.84	1.27	2.11	2.53	3.38	18.99
0400	-	-	-	-	0.83	1.24	1.66	2.90	13.28
0500	-	-	-	0.41	0.41	0.41	0.41	1.66	6.22
0600	-	-	-	-	-	-	-	0.42	5.88
0700	-	-	-	-	-	-	-	0.84	2.93
0800	-	-	-	-	-	-	-	-	3.77
0900	-	-	-	-	-	-	-	0.42	3.77
1000	-	-	-	-	-	-	-	-	5.06
1100	-	-	-	-	-	-	-	-	4.20
1200	-	-	-	-	-	-	-	-	3.77
1300	-	-	-	-	-	-	-	-	3.77
1400	-	-	-	-	-	-	-	0.42	3.36
1500	-	-	-	-	-	-	-	-	5.88
1600	-	-	-	-	-	-	-	0.41	5.81
1700	-	-	-	-	-	-	-	-	5.46
1800	-	-	-	-	-	-	-	0.42	5.00
1900	-	-	-	-	-	-	0.41	0.41	5.81
2000	-	-	-	-	-	-	-	-	6.25
2100	-	-	-	-	-	-	-	0.42	10.13
2200	-	-	0.42	0.42	0.42	0.42	0.42	0.84	10.92
2300	-	-	0.42	0.42	0.42	0.42	0.42	0.83	10.42
TOTAL	-	0.03	0.14	0.16	0.23	0.24	0.31	0.85	7.51

In September, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.03% (see Model A).

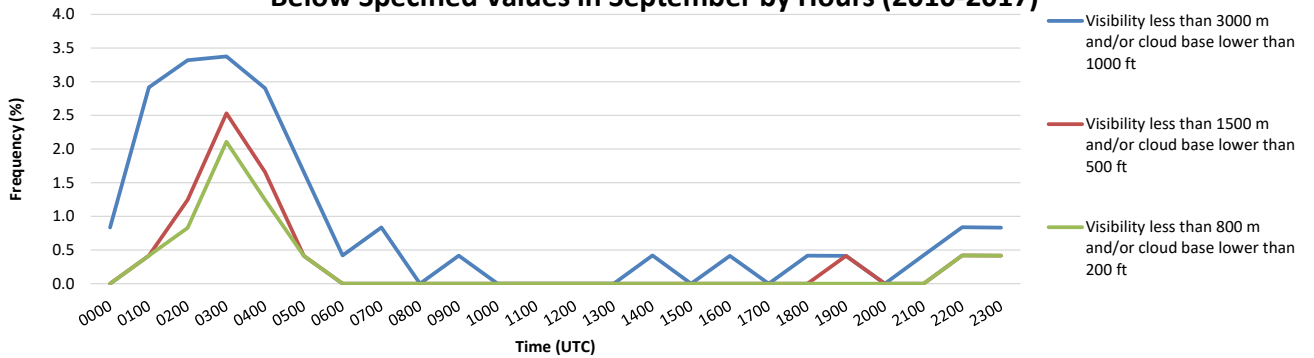
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.31% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in September by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in September by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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

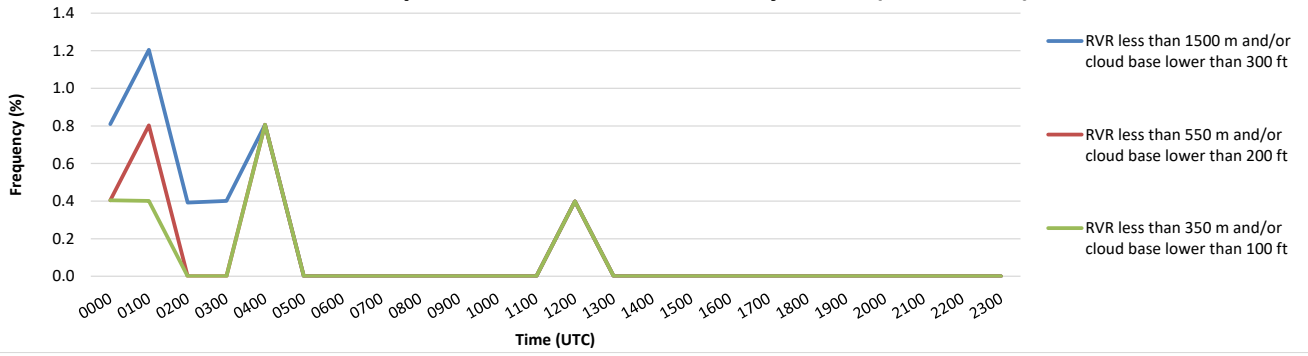
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.40	0.40	0.81	1.62	2.02	4.05	19.03
0100	-	-	0.40	0.80	1.20	2.01	2.01	3.61	19.68
0200	-	-	-	-	0.39	0.39	0.39	1.96	18.43
0300	-	-	-	-	0.40	-	0.40	3.21	19.68
0400	-	0.40	0.81	0.81	0.81	0.81	0.81	4.03	17.74
0500	-	-	-	-	-	0.81	0.81	1.21	12.50
0600	-	-	-	-	-	0.40	0.40	1.62	8.50
0700	-	-	-	-	-	-	-	1.21	9.27
0800	-	-	-	-	-	-	-	-	7.26
0900	-	-	-	-	-	-	-	1.21	7.66
1000	-	-	-	-	-	-	-	0.40	6.05
1100	-	-	-	-	-	-	-	0.40	6.85
1200	-	-	0.40	0.40	0.40	0.40	0.40	1.20	5.18
1300	-	-	-	-	-	-	-	-	6.12
1400	-	-	-	-	-	-	-	1.21	4.03
1500	-	-	-	-	-	-	-	1.21	7.26
1600	-	-	-	-	-	-	-	0.40	9.24
1700	-	-	-	-	-	-	-	-	7.66
1800	-	-	-	-	-	-	-	0.81	9.35
1900	-	-	-	-	-	-	-	-	13.31
2000	-	-	-	-	-	-	-	0.41	16.67
2100	-	-	-	-	-	-	0.40	1.21	13.31
2200	-	-	-	-	-	0.41	0.41	1.22	16.73
2300	-	-	-	-	-	0.81	0.81	2.85	15.04
TOTAL	-	0.02	0.08	0.10	0.17	0.32	0.37	1.39	11.53

In October, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.02% (see Model A).

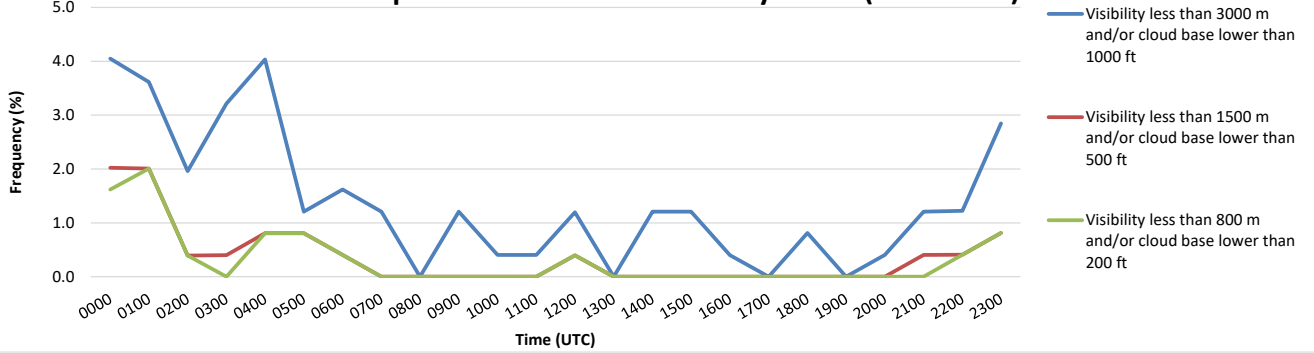
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.37% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in October by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in October by Hours (2010-2017)**





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

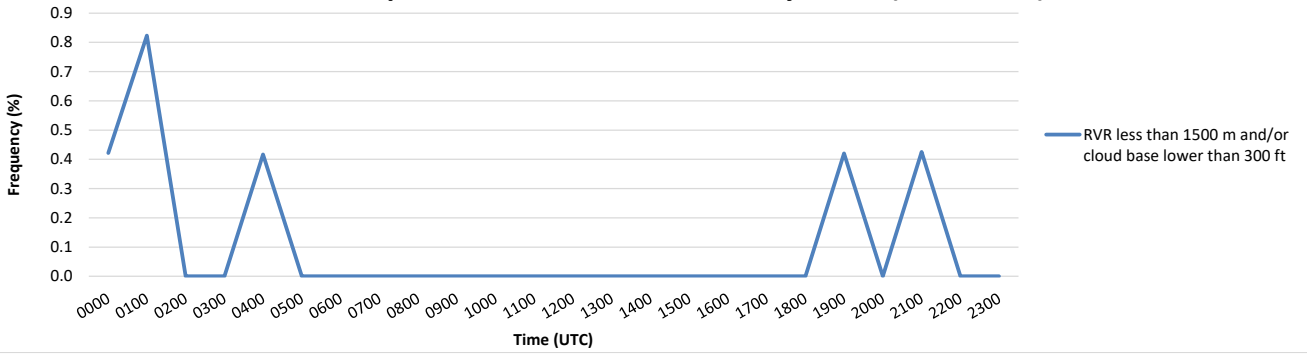
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	0.42	0.42	0.84	2.11	18.14
0100	-	-	-	-	0.82	-	0.82	2.88	17.70
0200	-	-	-	-	-	-	-	3.28	18.85
0300	-	-	-	-	-	-	-	4.60	20.50
0400	-	-	-	-	0.42	0.42	0.83	2.92	20.42
0500	-	-	-	-	-	-	-	1.24	16.18
0600	-	-	-	-	-	-	-	0.83	11.57
0700	-	-	-	-	-	-	-	0.42	10.83
0800	-	-	-	-	-	-	-	0.83	9.96
0900	-	-	-	-	-	-	-	1.68	7.98
1000	-	-	-	-	-	-	-	0.41	7.47
1100	-	-	-	-	-	-	-	0.83	4.98
1200	-	-	-	-	-	-	-	0.83	6.61
1300	-	-	-	-	-	-	0.42	1.25	6.67
1400	-	-	-	-	-	-	-	0.84	8.02
1500	-	-	-	-	-	-	0.42	0.84	9.62
1600	-	-	-	-	-	-	-	0.84	8.79
1700	-	-	-	-	-	-	-	2.07	9.13
1800	-	-	-	-	-	-	-	1.25	14.58
1900	-	-	-	-	0.42	-	0.42	0.84	15.13
2000	-	-	-	-	-	-	-	0.83	14.58
2100	-	-	-	-	0.43	-	0.43	2.55	15.74
2200	-	-	-	-	-	-	-	1.26	17.99
2300	-	-	-	-	-	-	-	2.92	16.67
TOTAL	-	-	-	-	0.10	0.03	0.17	1.60	12.84

In November, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 1500 meters and/or cloud ceiling below 300 feet, based on eight-year observation, constitutes 0.10% (see Model A).

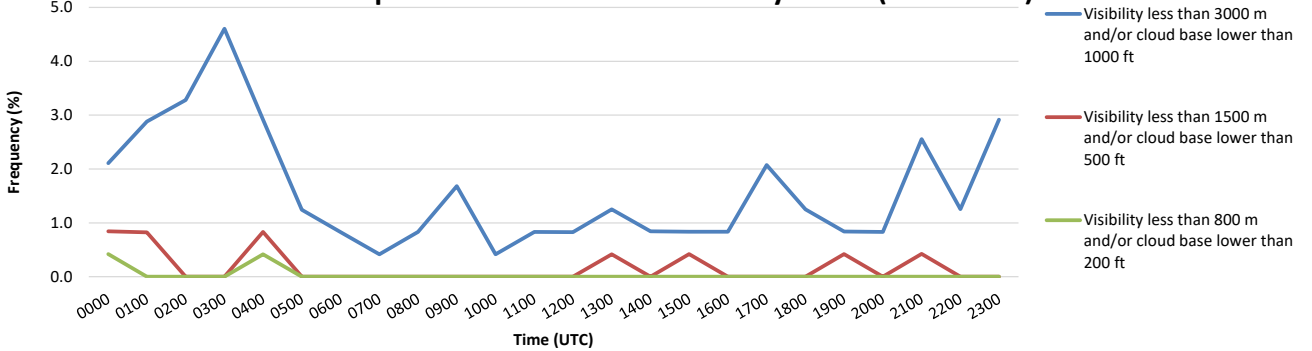
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.17% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in November by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in November by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

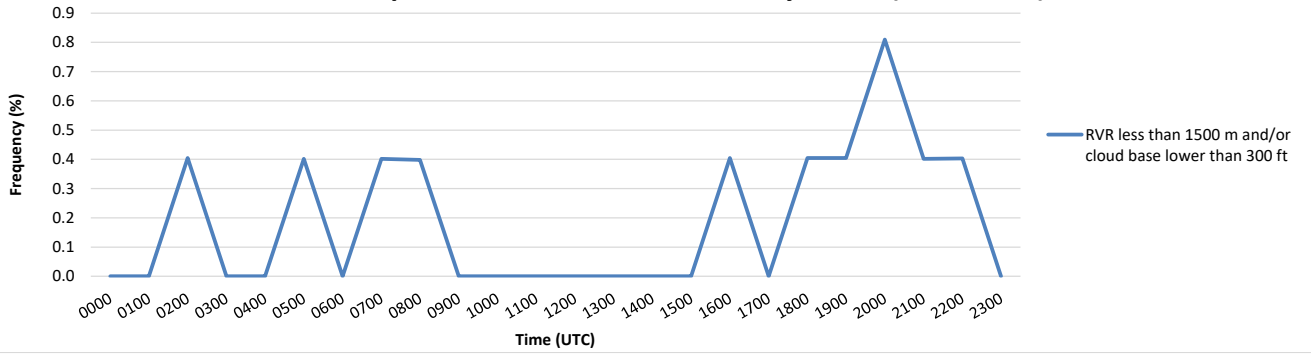
FREQUENCIES (PERCENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METERS/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	0.80	2.79	18.73
0100	-	-	-	-	-	-	0.79	3.15	16.93
0200	-	-	-	-	0.40	-	0.81	2.43	17.00
0300	-	-	-	-	-	-	-	2.82	14.92
0400	-	-	-	-	-	-	-	3.21	14.06
0500	-	-	-	-	0.40	0.40	1.20	2.41	16.06
0600	-	-	-	-	-	-	0.40	2.43	12.55
0700	-	-	-	-	0.40	0.40	0.40	2.41	12.45
0800	-	-	-	-	0.40	0.40	0.40	0.80	11.16
0900	-	-	-	-	-	-	-	0.81	8.87
1000	-	-	-	-	-	-	-	0.80	9.60
1100	-	-	-	-	-	-	-	0.81	10.93
1200	-	-	-	-	-	-	-	0.40	10.89
1300	-	-	-	-	-	-	-	0.80	9.60
1400	-	-	-	-	-	-	-	0.80	11.24
1500	-	-	-	-	-	-	-	1.60	13.20
1600	-	-	-	-	0.40	-	0.40	3.64	16.19
1700	-	-	-	-	-	-	0.40	2.42	16.94
1800	-	-	-	-	0.40	0.40	0.40	3.64	17.00
1900	-	-	-	-	0.40	0.40	0.40	3.24	15.38
2000	-	-	-	-	0.81	0.40	0.81	4.05	17.81
2100	-	-	-	-	0.40	0.40	0.40	3.21	17.27
2200	-	-	-	-	0.40	0.40	0.81	4.84	18.55
2300	-	-	-	-	-	0.41	0.82	3.67	16.73
TOTAL	-	-	-	-	0.18	0.15	0.39	2.38	14.33

In December, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 1500 meters and/or cloud ceiling below 300 feet, based on eight-year observation, constitutes 0.18% (see Model A).

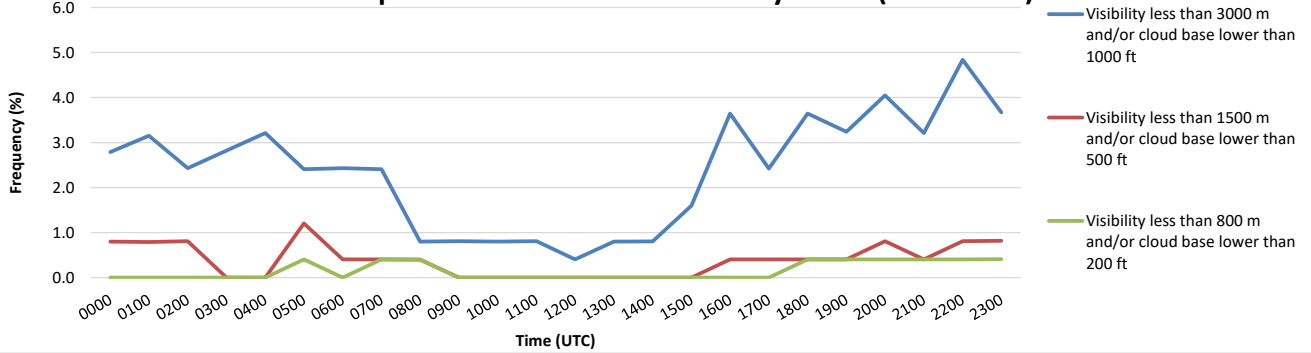
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.39% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2017)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL B

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.47	0.47	0.47	0.47	0.93	3.27	7.94	21.50
0100	-	0.41	0.41	0.81	1.63	4.88	9.35	21.95
0200	0.46	0.92	0.92	0.92	1.83	3.67	7.80	19.27
0300	-	0.84	0.84	1.27	1.69	5.06	8.02	17.72
0400	-	0.41	0.81	0.81	1.22	2.85	8.54	18.70
0500	-	0.81	0.81	0.81	1.22	4.07	7.72	16.67
0600	1.20	1.20	1.20	1.20	1.20	1.99	5.98	19.12
0700	-	0.81	1.21	1.21	1.21	4.05	6.48	15.38
0800	-	0.41	0.82	0.82	1.22	1.63	6.94	14.29
0900	-	-	-	-	-	2.03	6.10	13.82
1000	-	0.41	0.41	0.41	0.41	2.04	5.31	14.69
1100	-	-	-	-	0.40	1.62	5.26	12.55
1200	-	-	0.41	0.41	0.83	1.65	4.96	11.57
1300	-	-	-	0.41	0.82	1.64	5.74	13.52
1400	-	0.42	0.84	0.84	0.84	2.11	5.91	13.08
1500	-	-	-	-	0.43	1.28	5.53	13.19
1600	-	-	-	-	0.82	2.46	6.15	14.34
1700	0.45	0.45	0.45	0.45	1.36	2.27	6.82	18.18
1800	0.46	0.46	0.46	0.46	0.46	2.76	7.37	19.35
1900	-	0.42	0.84	0.84	1.68	3.36	7.98	18.49
2000	-	-	-	0.47	0.93	2.80	6.07	19.16
2100	-	0.47	0.47	0.47	1.40	3.26	7.44	20.47
2200	-	0.93	0.93	0.93	0.93	3.24	6.94	19.44
2300	0.46	0.46	0.46	0.46	0.92	3.67	7.34	18.81
Mean	0.15	0.43	0.53	0.60	1.02	2.82	6.82	16.89

According to the climatological table of January the mean percentage of visibility values below 8000 meters is 16.89%, correspondingly, the mean percentage of 83.11% 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 0.15% (See climatological table of January, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	0.50	0.50	6.00	11.00	18.50
0100	0.44	0.44	0.44	0.44	0.88	3.95	9.65	20.61
0200	0.46	0.46	0.93	0.93	0.93	5.09	9.26	19.91
0300	-	-	-	0.44	0.44	3.95	8.33	20.18
0400	-	-	-	-	0.44	3.08	7.93	20.26
0500	-	0.44	0.89	0.89	1.33	4.44	8.89	20.44
0600	0.44	0.44	0.44	0.44	1.76	5.73	8.37	18.94
0700	-	-	-	-	0.44	2.22	4.89	15.56
0800	-	-	-	-	-	3.07	5.26	14.47
0900	-	-	-	-	0.44	2.64	3.96	11.45
1000	-	-	-	-	0.44	1.77	4.42	12.83
1100	-	-	-	-	-	3.13	5.80	11.16
1200	-	-	-	-	0.44	2.22	5.33	11.56
1300	-	-	-	-	-	1.30	4.76	9.96
1400	-	-	-	-	0.89	2.23	4.46	10.27
1500	-	-	-	-	0.45	2.71	7.69	14.03
1600	-	-	-	-	-	3.52	6.61	13.22
1700	-	-	-	-	-	3.26	7.91	13.02
1800	-	-	-	-	-	1.83	7.34	14.22
1900	-	-	-	-	-	3.07	6.58	16.23
2000	-	-	-	-	-	1.97	7.39	17.73
2100	-	-	-	-	0.51	3.59	8.72	20.51
2200	-	-	-	-	0.47	3.74	9.35	21.03
2300	-	-	-	-	-	3.55	9.64	20.81
Mean	0.06	0.07	0.11	0.15	0.43	3.25	7.23	16.12

According to the climatological table of February the mean percentage of visibility values below 8000 meters is 16.12%, correspondingly, the mean percentage of 83.88% 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 0.06% (See climatological table of February, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.46	0.92	1.38	1.38	1.38	2.76	5.99	18.89
0100	0.40	0.40	0.80	0.80	1.60	2.80	6.40	21.60
0200	-	-	0.86	0.86	0.86	2.16	7.33	20.26
0300	0.40	0.40	0.81	0.81	1.62	3.24	7.29	21.86
0400	-	-	-	0.40	2.81	5.22	12.05	22.09
0500	-	-	-	-	0.81	2.02	6.85	21.77
0600	-	-	-	-	-	1.22	5.69	15.85
0700	-	-	-	-	-	0.41	4.49	12.65
0800	-	-	-	-	-	0.41	2.04	11.84
0900	-	-	-	-	0.40	0.81	3.63	10.48
1000	-	-	-	-	0.41	0.82	2.05	10.25
1100	-	-	-	-	0.82	1.23	2.05	10.66
1200	-	-	0.41	0.41	0.41	0.82	2.88	10.29
1300	-	-	0.41	0.41	0.41	1.23	4.10	9.84
1400	-	0.42	0.42	0.42	0.42	0.42	2.93	8.37
1500	-	0.42	0.42	0.42	0.42	0.84	3.35	8.37
1600	-	-	0.41	0.41	0.41	0.82	2.46	9.02
1700	-	-	0.43	0.43	0.43	1.29	3.86	14.16
1800	-	-	0.43	0.43	0.43	0.85	2.56	11.97
1900	-	-	0.40	0.40	0.40	0.80	2.81	13.25
2000	-	-	0.91	0.91	0.91	0.91	4.09	11.36
2100	0.46	0.46	0.46	0.46	0.92	0.92	4.59	12.84
2200	0.43	0.87	1.30	1.30	1.30	2.16	3.90	13.42
2300	0.46	0.46	1.39	1.39	1.39	2.31	5.56	12.96
Mean	0.11	0.18	0.47	0.48	0.77	1.52	4.54	13.92

According to the climatological table of March the mean percentage of visibility values below 8000 meters is 13.92%, correspondingly, the mean percentage of 86.08% 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 0.11% (See climatological table of March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.47	0.47	0.47	0.47	0.47	0.47	3.79	12.80
0100	0.42	0.42	0.83	0.83	0.83	1.25	3.75	17.50
0200	-	-	0.92	1.38	1.38	2.29	9.17	20.64
0300	0.85	1.69	2.54	2.54	2.97	4.24	9.75	20.76
0400	0.84	1.26	2.51	2.51	2.93	3.35	6.69	19.25
0500	-	0.42	1.68	1.68	1.68	2.94	4.62	14.71
0600	-	-	-	-	-	-	2.10	9.24
0700	-	-	-	-	-	0.42	1.69	8.02
0800	-	-	-	-	-	0.84	1.27	5.91
0900	-	-	-	-	-	0.42	1.27	5.49
1000	-	-	-	-	-	-	0.84	3.77
1100	-	-	-	-	-	-	1.28	3.83
1200	-	-	-	-	-	0.43	0.86	4.29
1300	-	-	-	-	-	0.42	0.84	4.60
1400	-	-	-	-	-	-	0.43	6.90
1500	-	-	-	-	-	-	1.26	5.44
1600	-	-	-	-	-	0.85	1.27	7.20
1700	-	-	-	-	-	-	1.32	8.81
1800	-	-	-	-	-	0.45	0.89	12.50
1900	-	-	-	-	-	0.85	2.56	11.54
2000	-	-	-	-	-	0.96	3.35	13.88
2100	-	-	-	-	-	-	2.82	12.21
2200	-	-	-	-	-	0.44	2.19	12.72
2300	-	-	-	0.48	0.48	0.96	4.31	14.35
Mean	0.11	0.18	0.37	0.41	0.45	0.90	2.85	10.68

According to the climatological table of April the mean percentage of visibility values below 8000 meters is 10.68%, correspondingly, the mean percentage of 89.32% 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 0.11% (See climatological table of April, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	0.93	0.93	1.40	3.74	8.88	21.96
0100	-	0.41	0.82	1.23	2.05	3.69	8.61	20.90
0200	0.42	0.42	1.27	1.27	4.66	6.78	13.98	34.32
0300	0.41	0.41	1.64	1.64	2.46	5.74	13.52	29.10
0400	-	0.81	0.81	0.81	1.61	3.23	6.05	16.94
0500	-	-	-	-	-	1.21	2.82	11.29
0600	-	-	-	-	-	1.63	3.25	7.32
0700	-	-	-	-	-	1.21	2.42	5.24
0800	-	-	-	-	-	-	-	2.02
0900	-	-	-	-	-	-	-	2.83
1000	-	-	-	-	-	-	0.81	0.81
1100	-	-	-	-	-	-	0.82	2.87
1200	-	-	-	-	-	-	0.82	4.49
1300	-	-	-	-	-	-	0.81	3.63
1400	-	-	-	-	-	-	0.86	3.43
1500	-	-	-	-	-	0.42	2.08	4.17
1600	-	-	-	-	-	0.81	1.21	7.29
1700	-	-	-	-	-	-	0.43	5.53
1800	-	-	-	-	-	-	-	3.96
1900	-	-	-	-	-	0.41	1.24	7.02
2000	-	-	-	-	-	0.46	0.93	5.56
2100	-	-	-	-	-	0.90	3.17	10.86
2200	-	-	-	-	-	2.02	3.64	10.93
2300	-	-	-	-	-	0.46	5.07	14.75
Mean	0.03	0.09	0.23	0.25	0.51	1.36	3.39	9.88

According to the climatological table of May the mean percentage of visibility values below 8000 meters is 9.88%, correspondingly, the mean percentage of 90.12% 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 0.03% (See climatological table of May, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	0.94	6.57
0100	-	-	-	-	-	0.84	2.52	9.66
0200	0.43	0.43	0.43	0.43	0.43	1.30	4.78	7.83
0300	-	-	0.83	0.83	0.83	1.24	3.72	8.26
0400	-	-	0.42	0.42	0.42	1.25	2.50	4.17
0500	-	-	-	-	-	0.41	0.41	2.90
0600	-	-	-	-	-	-	0.84	1.68
0700	-	-	-	-	-	-	1.23	1.65
0800	-	-	-	-	0.42	0.84	1.27	2.53
0900	-	-	-	-	-	-	-	1.70
1000	-	-	-	-	-	-	-	0.84
1100	-	-	-	-	-	-	-	0.43
1200	-	-	-	-	-	-	-	0.43
1300	-	-	-	-	-	-	0.42	1.67
1400	-	-	-	-	-	-	0.42	2.11
1500	-	-	-	-	-	-	0.42	2.92
1600	-	-	-	-	-	-	-	2.92
1700	-	-	-	-	-	-	0.44	3.06
1800	-	-	-	-	-	0.44	0.44	4.42
1900	-	-	-	-	-	-	-	3.81
2000	-	-	-	-	-	-	0.46	2.78
2100	-	-	-	-	-	-	0.47	2.80
2200	-	-	-	-	-	-	-	3.72
2300	-	-	-	-	-	-	1.42	3.30
Mean	0.02	0.02	0.07	0.07	0.09	0.26	0.95	3.42

According to the climatological table of June the mean percentage of visibility values below 8000 meters is 3.42%, correspondingly, the mean percentage of 96.58% 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 0.02% (See climatological table of June, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.81	3.25	13.41
0100	-	-	-	-	-	0.81	6.88	17.81
0200	-	-	-	-	0.80	3.21	8.84	22.09
0300	-	-	-	-	-	1.20	6.00	16.40
0400	-	-	-	-	-	-	3.24	6.88
0500	-	-	-	-	-	0.81	2.82	5.24
0600	-	-	-	-	-	0.40	1.61	2.82
0700	-	-	-	-	-	-	0.81	2.02
0800	-	0.40	0.40	0.40	0.40	0.81	1.62	2.43
0900	-	-	-	-	-	0.40	1.21	1.61
1000	-	-	-	-	-	-	1.63	3.25
1100	-	-	-	-	-	-	1.20	2.81
1200	-	-	-	-	-	0.40	0.40	1.21
1300	-	-	-	-	-	1.22	1.63	1.63
1400	-	-	-	-	-	-	-	1.21
1500	-	-	-	-	-	0.40	1.20	2.41
1600	-	-	-	-	-	0.41	1.22	2.85
1700	-	-	-	-	-	0.41	2.04	3.27
1800	-	-	-	-	-	0.40	1.21	2.83
1900	0.41	0.41	0.41	0.41	0.41	0.41	1.22	4.90
2000	-	-	-	-	-	-	1.62	5.67
2100	-	-	-	-	-	-	1.21	7.69
2200	-	-	-	-	-	0.40	2.43	10.93
2300	-	-	-	-	-	0.81	3.24	9.31
Mean	0.02	0.03	0.03	0.03	0.07	0.56	2.36	6.28

According to the climatological table of July the mean percentage of visibility values below 8000 meters is 6.28%, correspondingly, the mean percentage of 93.72% 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 0.02% (See climatological table of July, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.42	0.84	16.39
0100	0.42	0.42	0.42	0.42	0.42	1.68	4.62	17.65
0200	0.42	0.83	1.25	1.25	1.25	4.58	10.00	21.67
0300	0.83	1.24	2.07	2.48	4.13	6.20	9.09	24.79
0400	-	-	0.82	0.82	1.23	1.65	4.12	13.99
0500	-	0.41	0.41	0.41	0.41	0.82	1.63	4.90
0600	-	-	-	-	-	0.41	0.82	1.64
0700	-	-	-	-	-	0.82	1.23	2.06
0800	-	-	-	-	-	-	1.65	1.65
0900	-	-	-	-	-	-	0.41	1.63
1000	-	-	-	-	-	0.41	1.24	2.07
1100	-	-	-	-	-	-	0.41	1.22
1200	-	-	-	-	-	-	0.41	1.22
1300	-	-	-	-	-	0.41	1.22	1.63
1400	-	-	-	-	-	-	0.81	2.43
1500	-	-	-	-	-	-	0.41	1.23
1600	-	-	-	-	-	-	0.83	2.48
1700	-	-	-	-	-	0.41	0.41	3.31
1800	-	-	-	-	-	-	0.83	3.73
1900	-	-	-	-	-	-	0.84	4.62
2000	-	-	-	-	-	0.41	0.41	3.73
2100	-	-	-	-	-	-	2.09	6.28
2200	-	-	0.42	0.42	0.42	1.25	4.58	10.00
2300	-	-	-	-	-	0.83	3.31	11.98
Mean	0.07	0.12	0.22	0.24	0.33	0.85	2.18	6.76

According to the climatological table of August the mean percentage of visibility values below 8000 meters is 6.76%, correspondingly, the mean percentage of 93.24% 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 0.07% (See climatological table of August, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	1.26	5.86	14.23
0100	0.42	0.83	0.83	0.83	0.83	3.33	6.67	12.50
0200	1.24	1.24	1.24	1.24	1.24	3.32	6.64	16.60
0300	0.84	1.27	2.11	2.53	2.53	3.80	8.44	20.68
0400	-	0.83	1.66	1.66	1.66	2.90	6.64	13.69
0500	-	0.41	0.41	0.41	0.41	1.66	3.73	6.22
0600	-	-	-	-	-	0.42	2.52	5.88
0700	-	-	-	-	-	0.84	2.51	2.93
0800	-	-	-	-	-	-	1.26	3.77
0900	-	-	-	-	-	0.42	1.26	3.77
1000	-	-	-	-	-	-	1.27	4.64
1100	-	-	-	-	-	-	0.84	3.78
1200	-	-	-	-	-	-	0.84	3.77
1300	-	-	-	-	-	-	1.26	3.35
1400	-	-	-	-	-	0.42	0.84	3.36
1500	-	-	-	-	-	-	2.52	5.88
1600	-	-	-	-	-	0.41	1.24	5.39
1700	-	-	-	-	-	-	2.52	5.46
1800	-	-	-	-	-	0.42	1.67	5.00
1900	-	-	-	-	-	-	1.24	4.56
2000	-	-	-	-	-	-	0.83	5.42
2100	-	-	-	-	-	0.42	2.11	10.13
2200	0.42	0.42	0.42	0.42	0.42	0.84	2.94	12.18
2300	0.42	0.42	0.42	0.42	0.42	0.83	2.92	11.25
Mean	0.14	0.23	0.30	0.31	0.31	0.89	2.86	7.68

According to the climatological table of September the mean percentage of visibility values below 8000 meters is 7.68%, correspondingly, the mean percentage of 92.32% 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 0.14% (See climatological table of September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.40	0.81	1.21	1.62	1.62	4.05	8.91	18.62
0100	-	0.40	1.20	1.61	1.61	2.81	5.62	19.28
0200	-	-	0.39	0.39	0.39	1.57	7.06	18.43
0300	-	-	-	-	0.40	2.81	8.03	18.07
0400	-	0.40	0.81	0.81	0.81	4.03	8.87	16.53
0500	-	-	0.81	0.81	0.81	1.21	3.63	12.50
0600	-	-	0.40	0.40	0.40	1.62	3.24	8.10
0700	-	-	-	-	-	0.81	2.82	8.47
0800	-	-	-	-	-	-	1.21	6.45
0900	-	-	-	-	-	0.81	1.61	6.05
1000	-	-	-	-	-	-	1.21	5.65
1100	-	-	-	-	-	-	3.23	6.85
1200	-	-	-	-	-	0.80	1.20	3.98
1300	-	-	-	-	-	-	2.86	5.31
1400	-	-	-	-	-	1.21	2.42	4.03
1500	-	-	-	-	-	1.21	3.23	5.65
1600	-	-	-	-	-	0.40	1.61	8.43
1700	-	-	-	-	-	-	2.42	7.66
1800	-	-	-	-	-	0.81	3.25	8.54
1900	-	-	-	-	-	-	3.63	12.50
2000	-	-	-	-	-	0.41	3.66	15.85
2100	-	-	-	-	0.40	1.21	4.44	12.90
2200	-	-	0.41	0.41	0.41	1.22	5.31	15.51
2300	-	-	0.41	0.81	0.81	2.85	7.72	14.63
Mean	0.02	0.07	0.24	0.29	0.32	1.24	4.05	10.83

According to the climatological table of October the mean percentage of visibility values below 8000 meters is 10.83%, correspondingly, the mean percentage of 89.17% 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 0.02% (See climatological table of October, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	0.42	0.84	2.11	8.44	18.14
0100	-	-	-	-	0.82	2.88	9.47	17.28
0200	-	-	-	-	-	2.87	9.84	18.85
0300	-	-	-	-	-	3.77	8.79	19.67
0400	-	-	0.42	0.42	0.83	2.92	7.92	19.17
0500	-	-	-	-	-	1.24	4.56	15.35
0600	-	-	-	-	-	0.83	3.31	11.57
0700	-	-	-	-	-	0.42	3.33	10.00
0800	-	-	-	-	-	0.83	4.98	9.96
0900	-	-	-	-	-	1.68	5.04	7.98
1000	-	-	-	-	-	0.41	2.90	6.64
1100	-	-	-	-	-	0.83	2.90	4.98
1200	-	-	-	-	-	0.83	4.13	6.61
1300	-	-	-	-	-	0.83	2.90	7.05
1400	-	-	-	-	-	0.84	2.11	8.02
1500	-	-	-	-	-	0.42	2.93	9.21
1600	-	-	-	-	-	0.84	2.51	8.79
1700	-	-	-	-	-	2.07	4.56	9.13
1800	-	-	-	-	-	1.25	5.42	14.58
1900	-	-	-	-	0.42	0.84	5.88	14.71
2000	-	-	-	-	-	0.83	5.00	14.17
2100	-	-	-	-	0.43	2.55	5.96	15.32
2200	-	-	-	-	-	2.13	8.51	16.17
2300	-	-	-	-	-	2.49	8.30	16.60
Mean	-	-	0.02	0.03	0.14	1.53	5.40	12.50

According to the climatological table of November the mean percentage of visibility values below 8000 meters is 12.50%, correspondingly, the mean percentage of 87.10% 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 600 meters is 0.02% (See climatological table of November, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

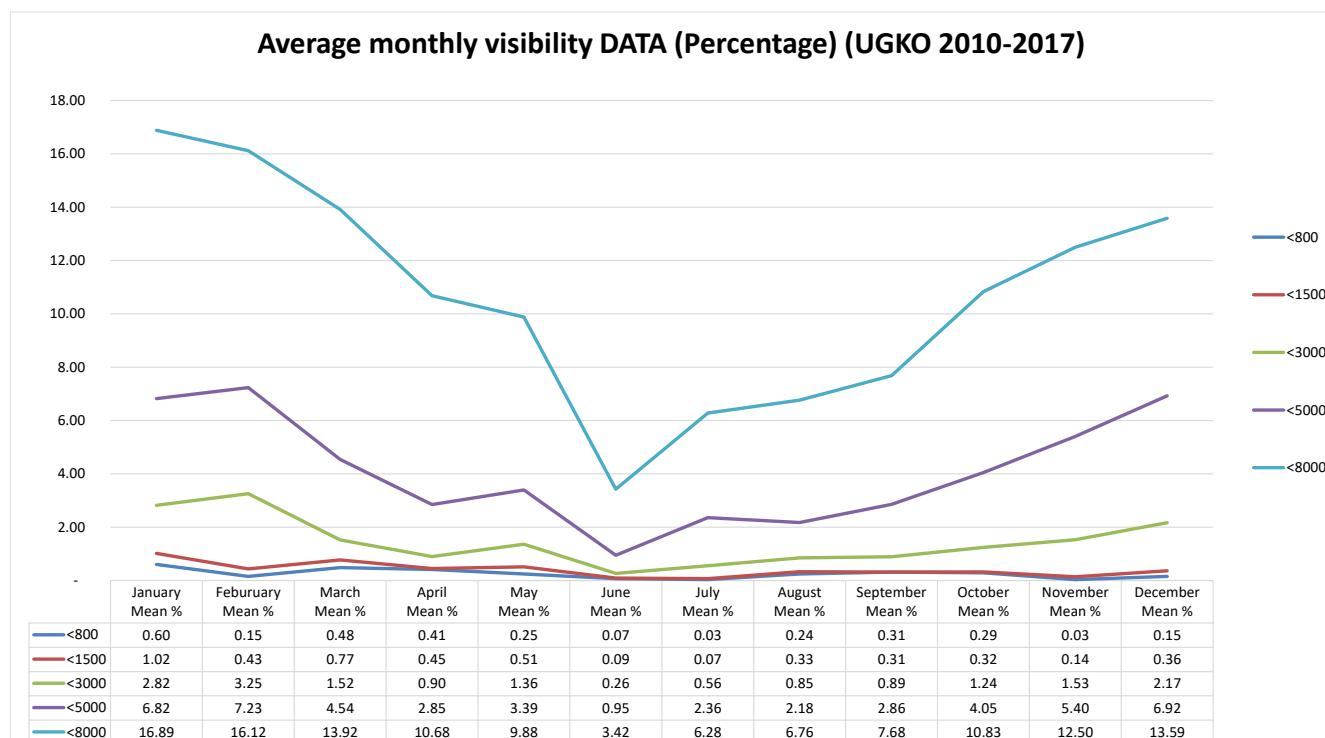
FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	0.78	2.75	7.06	17.65
0100	-	-	-	-	0.78	3.11	6.61	17.12
0200	-	-	-	-	0.80	2.40	10.00	16.00
0300	-	-	-	-	-	2.39	7.97	13.55
0400	-	-	-	-	-	1.98	7.14	13.49
0500	-	-	-	0.40	0.79	2.38	7.14	15.08
0600	-	-	-	-	0.40	2.40	6.00	10.80
0700	-	-	0.40	0.40	0.40	1.59	5.16	11.90
0800	-	-	-	0.39	0.39	0.39	4.33	10.63
0900	-	-	-	-	-	0.79	3.57	8.33
1000	-	-	-	-	-	0.79	3.56	8.70
1100	-	-	-	-	-	0.80	3.59	9.56
1200	-	-	-	-	-	0.40	4.38	10.36
1300	-	-	-	-	-	0.40	3.95	7.91
1400	-	-	-	-	-	0.79	4.37	10.32
1500	-	-	-	-	-	1.58	6.32	12.65
1600	-	-	-	-	0.40	3.60	7.60	15.60
1700	-	-	-	-	0.40	2.37	7.11	17.00
1800	-	-	-	0.40	0.40	2.79	9.16	16.33
1900	-	0.40	0.40	0.40	0.40	3.20	9.20	15.20
2000	-	-	0.40	0.40	0.80	3.60	10.80	17.20
2100	-	0.40	0.40	0.40	0.40	3.17	10.71	16.67
2200	-	-	0.40	0.40	0.79	4.76	11.11	17.86
2300	-	-	-	0.40	0.81	3.64	9.31	16.19
Mean	-	0.03	0.08	0.15	0.36	2.17	6.92	13.59

According to the climatological table of December the mean percentage of visibility values below 8000 meters is 13.59%, correspondingly, the mean percentage of 86.41% 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 400 meters is 0.03% (See climatological table of December, Model B).



## AVERAGE MONTHLY VISIBILITY DATA



AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL C

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

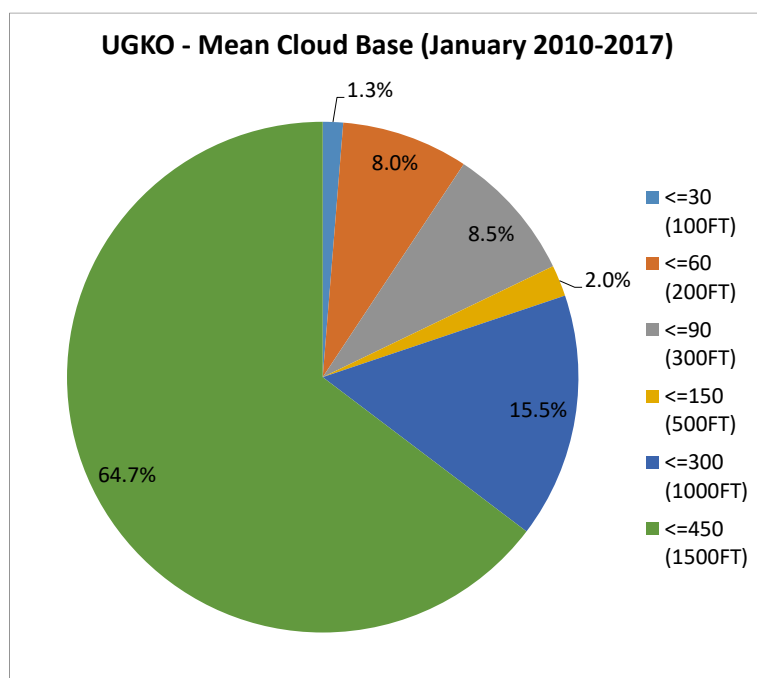
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	0.47	0.47	0.47	0.93	1.87
0100	-	0.41	1.22	1.22	2.03	3.25
0200	-	0.46	0.92	0.92	1.38	3.67
0300	-	0.84	0.84	0.84	0.84	2.53
0400	-	-	-	0.41	0.81	3.25
0500	-	-	0.41	0.41	0.81	1.63
0600	0.40	0.40	0.80	1.20	1.20	2.39
0700	-	0.40	0.81	0.81	0.81	0.81
0800	-	0.41	1.22	1.22	1.22	2.45
0900	-	-	0.41	0.41	1.22	3.25
1000	-	0.41	0.41	0.41	1.63	3.67
1100	-	-	-	-	1.21	4.05
1200	-	-	-	-	-	1.65
1300	-	-	0.41	0.41	0.41	1.64
1400	-	0.84	0.84	0.84	1.27	3.38
1500	-	0.43	0.85	0.85	0.85	2.98
1600	-	-	-	-	-	3.28
1700	-	-	-	-	0.91	3.64
1800	-	-	-	0.46	0.92	0.92
1900	-	-	-	-	-	2.10
2000	-	-	-	-	0.47	2.34
2100	0.47	0.47	0.47	0.47	0.93	2.79
2200	-	-	0.93	0.93	1.39	2.78
2300	-	0.46	0.46	0.46	1.38	3.67
Mean	0.04	0.25	0.48	0.53	0.94	2.67



In January, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

- >1000FT and <= 1500FT – 64.7%
- >500FT and <= 1000FT – 15.5%
- >300FT and <= 500FT – 2.0%
- >200FT and <= 300FT – 8.5%
- >100FT and <= 200FT – 8.0%
- <=100FT – 1.3%

In January, the mean percentage of cloud ceiling recorded above 1500 feet is 97.33% of the total amount of occurrences (See climatological table of January, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.04 percent 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: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

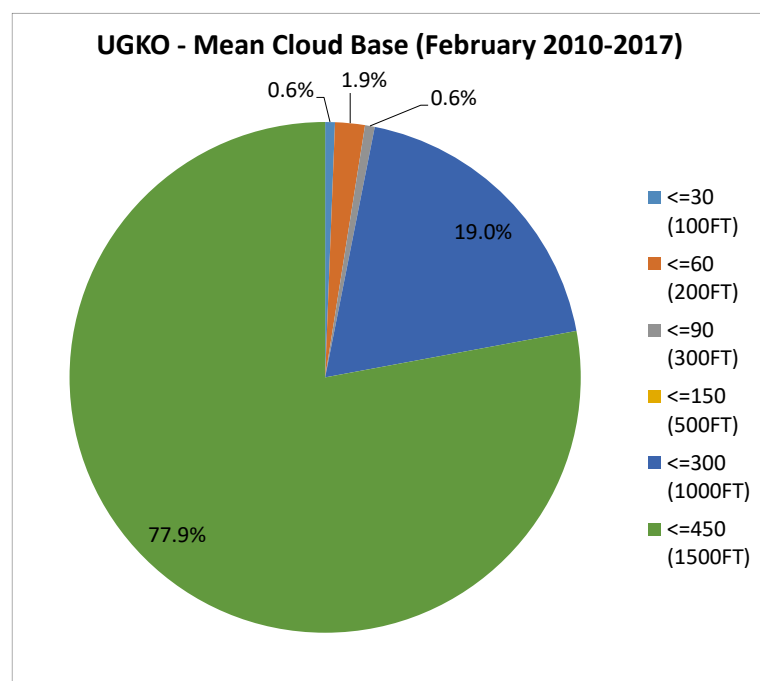
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	0.50	3.50
0100	-	0.44	0.44	0.44	0.88	3.51
0200	-	0.46	0.46	0.46	1.85	3.70
0300	-	-	-	-	0.44	1.75
0400	-	-	-	-	0.88	2.64
0500	-	0.44	0.44	0.44	1.78	4.00
0600	0.44	0.44	0.88	0.88	1.76	3.52
0700	-	-	-	-	-	3.11
0800	-	-	-	-	-	0.88
0900	-	-	-	-	-	0.88
1000	-	-	-	-	0.44	1.33
1100	-	-	-	-	0.45	1.79
1200	-	-	-	-	0.89	4.00
1300	-	-	-	-	0.87	3.03
1400	-	-	-	-	0.89	3.57
1500	-	-	-	-	0.90	3.17
1600	-	-	-	-	0.44	3.08
1700	-	-	-	-	0.93	4.65
1800	-	-	-	-	0.46	2.29
1900	-	-	-	-	0.44	2.64
2000	-	-	-	-	0.49	2.96
2100	-	-	-	-	-	5.13
2200	-	-	-	-	-	2.34
2300	-	-	-	-	0.51	4.06
Mean	0.02	0.07	0.09	0.09	0.66	2.98



In February, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 77.9%
2. >500FT and <= 1000FT – 19.0%
3. >300FT and <= 500FT – 0.6%
4. >200FT and <= 300FT – 1.9%
5. >100FT and <= 200FT – 0.6%
6. <=100FT – not observed

In February, the mean percentage of cloud ceiling recorded above 1500 feet is 97.02% of the total amount of occurrences (See climatological table of February, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent 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 TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

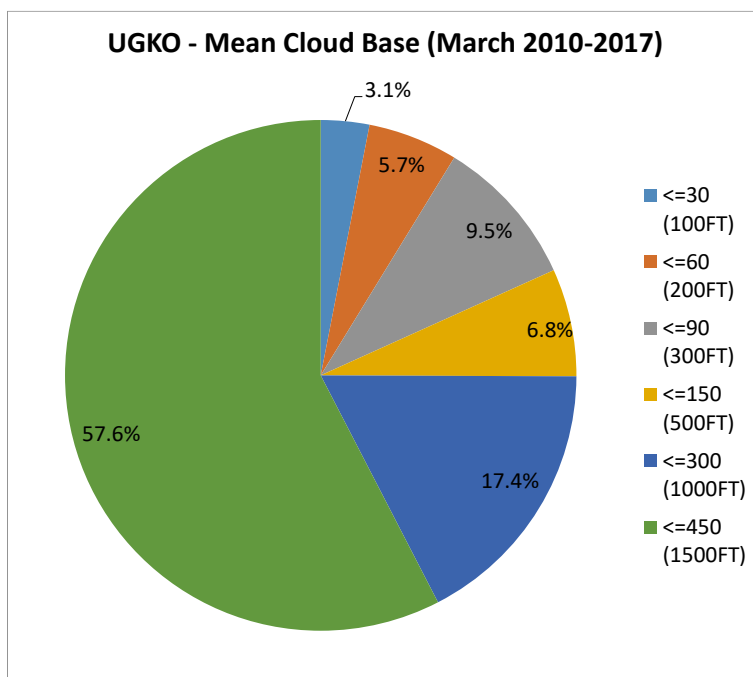
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	0.46	0.92	1.38	1.38	1.38	2.30
0100	-	0.40	1.20	1.20	1.60	3.20
0200	-	0.43	0.86	0.86	1.29	3.02
0300	-	0.40	0.40	0.81	1.21	3.24
0400	-	0.40	0.40	2.01	3.61	6.02
0500	-	-	-	0.81	1.61	4.03
0600	-	-	-	-	1.22	4.07
0700	-	-	-	-	0.41	2.04
0800	-	-	-	-	0.82	1.63
0900	-	-	-	-	0.40	2.02
1000	-	-	-	-	0.41	1.64
1100	-	-	-	0.41	0.82	1.64
1200	-	-	-	0.41	0.82	2.47
1300	-	-	-	0.41	1.23	2.05
1400	-	-	0.42	0.42	0.84	1.26
1500	-	0.42	0.42	0.42	0.84	2.09
1600	-	-	0.41	0.41	0.41	1.23
1700	-	-	0.43	0.43	0.43	1.72
1800	-	-	0.43	0.43	0.43	2.14
1900	-	0.40	0.40	0.40	0.40	1.61
2000	-	-	0.91	0.91	0.91	2.73
2100	-	0.46	0.92	0.92	0.92	1.83
2200	0.43	0.43	0.87	0.87	0.87	1.73
2300	0.93	0.93	1.39	1.39	2.31	3.70
Mean	0.08	0.22	0.45	0.62	1.05	2.48



In March, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 57.6%
2. >500FT and <= 1000FT – 17.4%
3. >300FT and <= 500FT – 6.8%
4. >200FT and <= 300FT – 9.5%
5. >100FT and <= 200FT – 5.7%
6. <=100FT – 3.1%

In March, the mean percentage of cloud ceiling recorded above 1500 feet is 97.52% of the total amount of occurrences (See climatological table of March, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.09 percent of minimum cloud height of 100 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: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

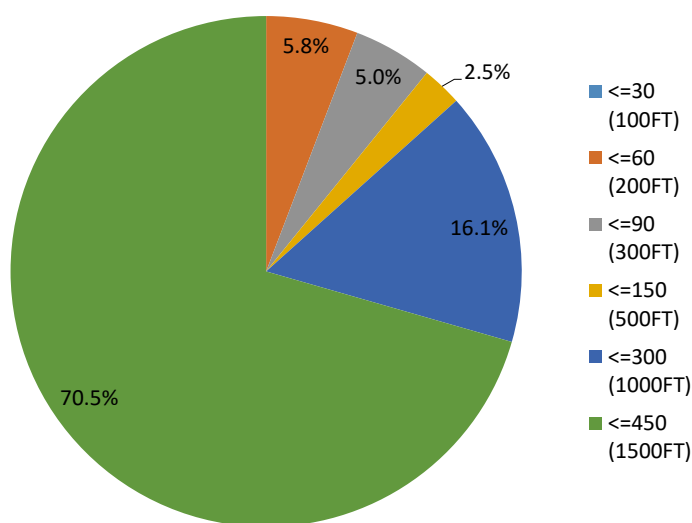
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	0.47	2.84
0100	-	0.42	0.42	0.42	0.42	1.67
0200	-	0.46	0.92	1.38	1.38	4.59
0300	-	0.85	2.12	2.12	2.97	4.66
0400	-	1.26	1.26	2.09	2.09	4.18
0500	-	-	0.84	0.84	1.26	2.94
0600	-	-	-	-	1.26	2.52
0700	-	-	-	-	0.42	2.11
0800	-	-	-	-	0.42	0.84
0900	-	-	-	-	0.42	0.42
1000	-	-	-	-	0.84	2.51
1100	-	-	-	-	0.43	2.13
1200	-	-	-	-	-	1.72
1300	-	-	-	-	-	1.67
1400	-	-	-	-	-	1.29
1500	-	-	-	-	-	1.67
1600	-	-	-	-	0.42	1.69
1700	-	-	-	-	-	1.32
1800	-	-	-	-	-	1.79
1900	-	-	-	-	0.43	2.56
2000	-	-	-	-	0.48	1.91
2100	-	-	-	-	-	0.94
2200	-	-	-	-	0.44	0.88
2300	-	-	-	-	0.96	2.39
Mean	-	0.12	0.23	0.29	0.63	2.14

**UGKO - Mean Cloud Base (April 2010-2017)**



In April, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 70.5%
2. >500FT and <= 1000FT – 16.1%
3. >300FT and <= 500FT – 2.5%
4. >200FT and <= 300FT – 5.0%
5. >100FT and <= 200FT – 5.8%
6. <=100FT – not observed

In April, the mean percentage of cloud ceiling recorded above 1500 feet is 97.86% of the total amount of occurrences (See climatological table of April, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.12 percent of minimum cloud height of 200 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: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

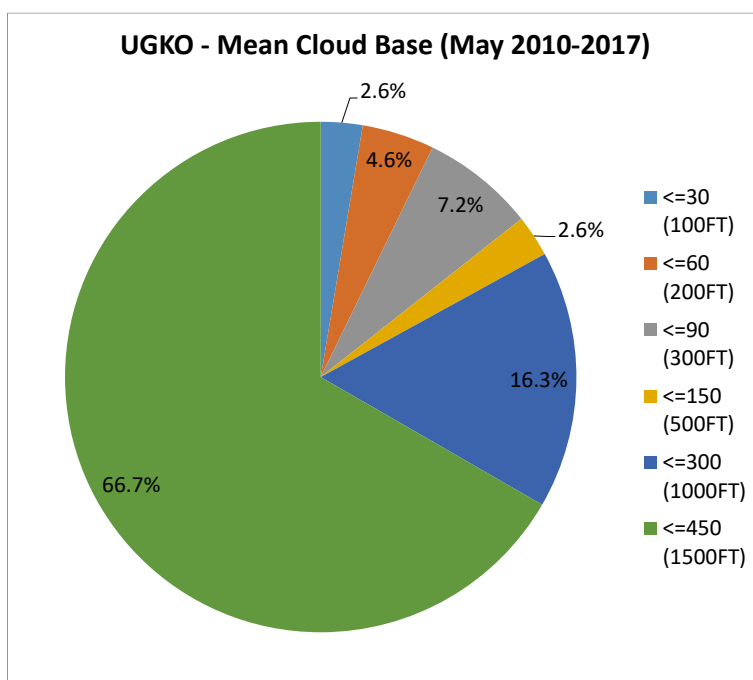
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	0.47	0.93	0.93	0.93	2.34
0100	-	0.41	1.23	1.23	2.46	3.28
0200	-	0.85	0.85	0.85	1.27	2.54
0300	0.82	0.82	2.05	2.46	2.87	4.10
0400	-	0.40	0.81	0.81	1.21	2.82
0500	-	-	-	-	1.21	2.82
0600	-	-	0.41	0.41	0.41	2.03
0700	-	-	-	0.40	0.40	1.21
0800	0.40	0.40	0.40	0.40	0.40	2.02
0900	-	-	-	-	-	1.63
1000	-	-	-	-	-	2.04
1100	-	-	-	-	-	1.23
1200	-	-	-	-	0.41	1.22
1300	-	-	-	-	0.40	1.21
1400	-	-	-	-	-	0.43
1500	-	-	-	-	-	1.25
1600	-	-	-	0.41	0.41	2.46
1700	-	-	-	-	0.43	1.28
1800	-	-	-	-	-	1.32
1900	-	-	-	-	-	1.24
2000	-	-	-	-	0.46	0.93
2100	-	-	-	-	1.36	3.17
2200	-	-	-	-	0.40	1.62
2300	-	-	-	-	0.46	2.30
Mean	0.05	0.14	0.28	0.33	0.65	1.94



In May, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 66.7%
2. >500FT and <= 1000FT – 16.3%
3. >300FT and <= 500FT – 2.6%
4. >200FT and <= 300FT – 7.2%
5. >100FT and <= 200FT – 4.6%
6. <=100FT – 2.6%

In May, the mean percentage of cloud ceiling recorded above 1500 feet is 98.06% of the total amount of occurrences (See climatological table of May, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.05 percent of minimum cloud height of 100 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: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

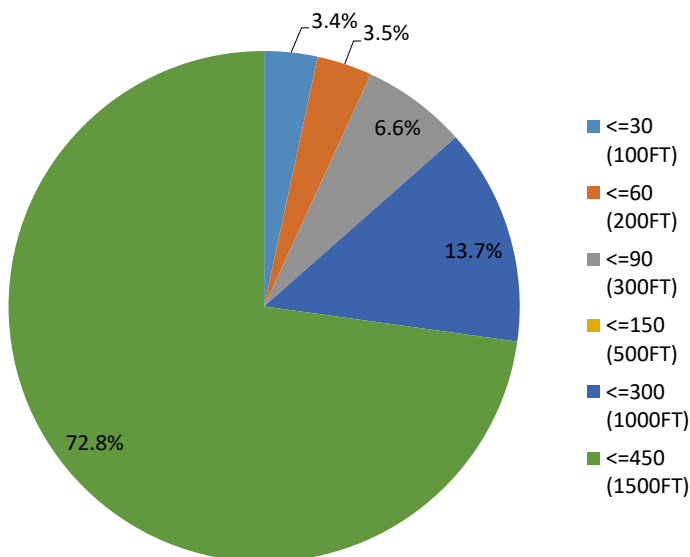
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	0.47
0100	0.42	0.42	0.42	0.42	0.84	0.84
0200	-	0.43	0.43	0.43	0.87	3.48
0300	-	-	0.41	0.41	0.41	1.24
0400	-	-	0.42	0.42	0.83	1.67
0500	-	-	-	-	-	0.41
0600	-	-	-	-	-	-
0700	-	-	-	-	-	-
0800	-	-	-	-	-	-
0900	-	-	-	-	-	0.43
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	-
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	-
1600	-	-	-	-	-	0.83
1700	-	-	-	-	-	0.44
1800	-	-	-	-	0.44	0.44
1900	-	-	-	-	-	0.42
2000	-	-	-	-	-	-
2100	-	-	-	-	-	0.47
2200	-	-	-	-	-	0.41
2300	-	-	-	-	-	0.94
Mean	0.02	0.04	0.07	0.07	0.14	0.52

**UGKO - Mean Cloud Base (June 2010-2017)**



In June, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 72.8%
2. >500FT and <= 1000FT – 13.7%
3. >300FT and <= 500FT – not observed
4. >200FT and <= 300FT – 6.6%
5. >100FT and <= 200FT – 3.5%
6. <=100FT – 3.4%

In June, the mean percentage of cloud ceiling recorded above 1500 feet is 99.48% of the total amount of occurrences (See climatological table of June, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 100 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: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

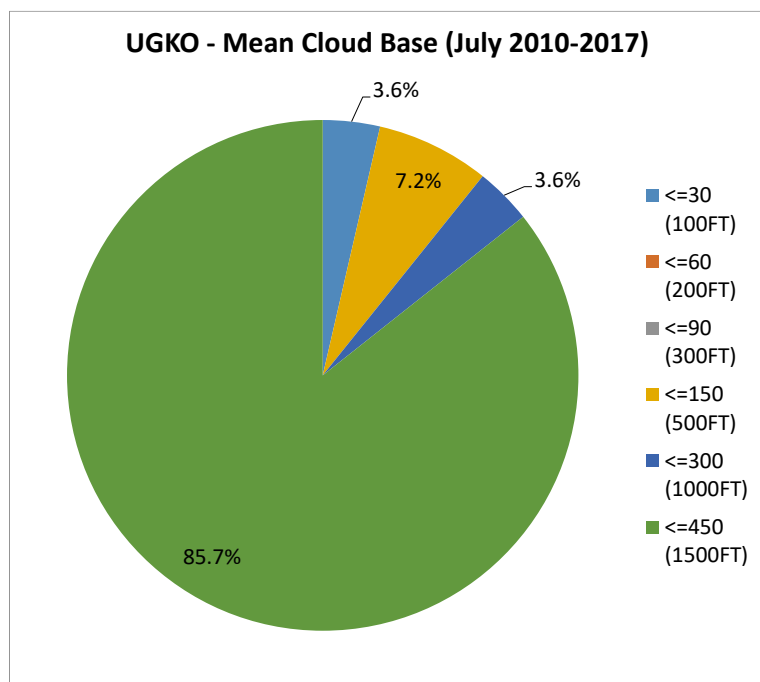
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	0.41
0100	-	-	-	-	-	0.81
0200	-	-	-	-	-	1.61
0300	-	-	-	-	-	0.40
0400	-	-	-	-	0.40	0.81
0500	-	-	-	-	-	-
0600	-	-	-	-	-	0.40
0700	-	-	-	-	-	0.81
0800	-	-	-	-	-	0.40
0900	-	-	-	-	-	0.40
1000	-	-	-	-	-	0.41
1100	-	-	-	-	-	0.80
1200	-	-	-	-	-	-
1300	-	-	-	-	-	0.41
1400	-	-	-	-	-	-
1500	-	-	-	-	-	0.40
1600	-	-	-	-	-	0.41
1700	0.41	0.41	0.41	0.41	0.41	0.82
1800	-	-	-	-	-	-
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	0.40	0.40	0.81
2300	-	-	-	0.40	0.40	1.21
Mean	0.02	0.02	0.02	0.05	0.07	0.47



In July, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 85.7%
2. >500FT and <= 1000FT – 3.6%
3. >300FT and <= 500FT – 7.2%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – 3.6%

In July, the mean percentage of cloud ceiling recorded above 1500 feet is 99.53% of the total amount of occurrences (See climatological table of July, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of July, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

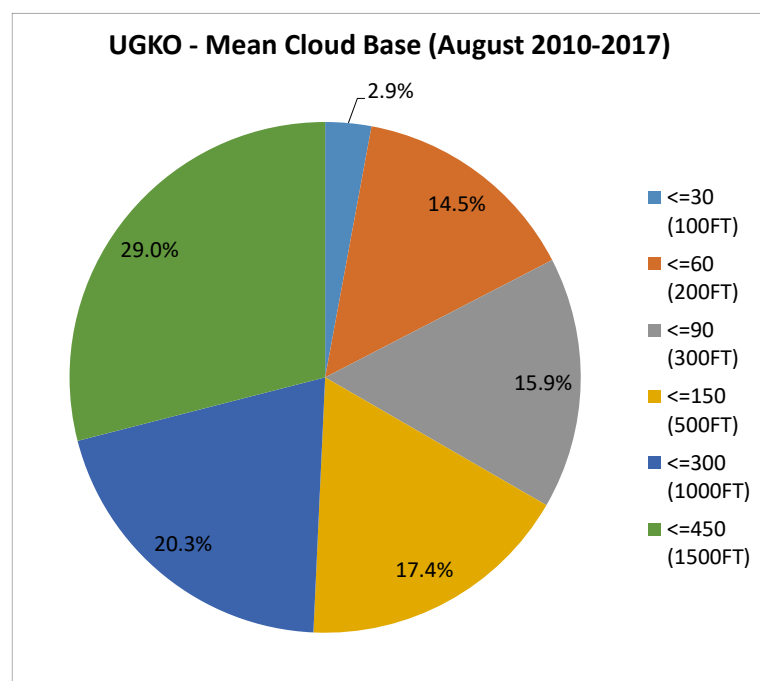
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	-
0100	-	0.42	0.42	0.42	0.42	1.26
0200	0.42	0.83	0.83	0.83	0.83	1.25
0300	0.41	1.65	2.07	2.48	2.89	2.89
0400	-	0.82	0.82	0.82	0.82	1.65
0500	-	0.41	0.41	0.41	0.82	0.82
0600	-	-	-	-	-	-
0700	-	-	-	-	-	-
0800	-	-	-	-	-	-
0900	-	-	-	-	-	-
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	-
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	-
1600	-	-	-	-	-	-
1700	-	-	-	-	-	0.41
1800	-	-	-	-	-	-
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	-	-
2300	-	-	-	-	-	-
Mean	0.03	0.17	0.19	0.21	0.24	0.34



In August, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 29.0%
2. >500FT and <= 1000FT – 20.3%
3. >300FT and <= 500FT – 17.4%
4. >200FT and <= 300FT – 15.9%
5. >100FT and <= 200FT – 14.5%
6. <=100FT – 2.9%

In August, the mean percentage of cloud ceiling recorded above 1500 feet is 99.66% of the total amount of occurrences (See climatological table of August, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.03 percent of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of August, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

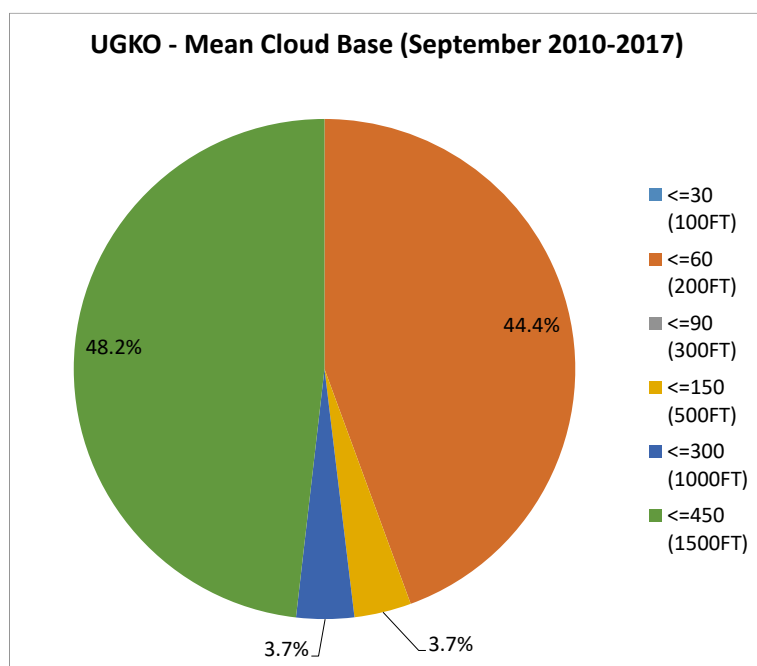
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	≤30 (100FT)	≤60 (200FT)	≤90 (300FT)	≤150 (500FT)	≤300 (1000FT)	≤450 (1500FT)
0000	-	-	-	-	-	0.42
0100	-	0.42	0.42	0.42	0.42	0.42
0200	-	1.24	1.24	1.24	1.24	1.24
0300	-	1.27	1.27	1.27	1.27	1.69
0400	-	0.83	0.83	0.83	0.83	0.83
0500	-	0.41	0.41	0.41	0.41	1.24
0600	-	-	-	-	0.42	0.84
0700	-	-	-	-	-	-
0800	-	-	-	-	-	-
0900	-	-	-	-	-	-
1000	-	-	-	-	-	0.42
1100	-	-	-	-	-	0.42
1200	-	-	-	-	-	0.42
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	-
1600	-	-	-	-	-	0.41
1700	-	-	-	-	-	-
1800	-	-	-	-	-	0.42
1900	-	-	-	0.41	0.41	0.83
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	0.42	0.42	0.42	0.42	0.84
2300	-	0.42	0.42	0.42	0.42	0.83
Mean	-	0.21	0.21	0.23	0.24	0.47



In September, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and ≤ 1500FT – 48.2%
2. >500FT and ≤ 1000FT – 3.7%
3. >300FT and ≤ 500FT – 3.7%
4. >200FT and ≤ 300FT – not observed
5. >100FT and ≤ 200FT – 44.4%
6. ≤100FT – not observed

In September, the mean percentage of cloud ceiling recorded above 1500 feet is 99.53% of the total amount of occurrences (See climatological table of September, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.21 percent of minimum cloud height of 200 feet and below (cloud amount BKN and OVC) (see climatological table of September, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

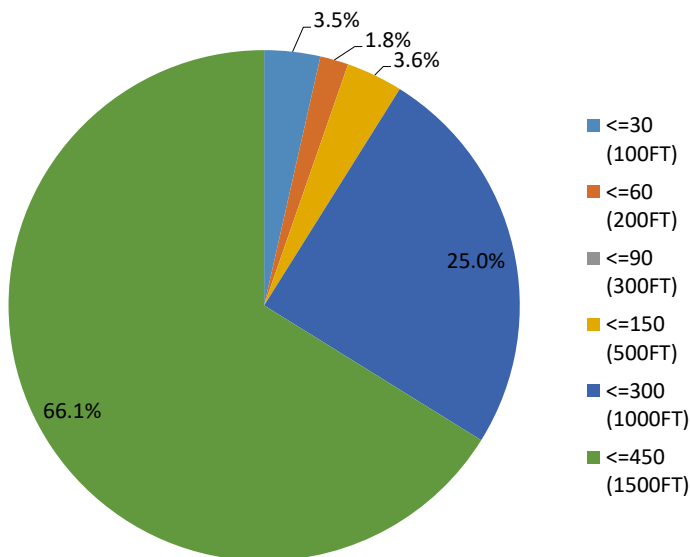
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	0.40	0.40	0.81	1.21	2.02
0100	0.40	0.40	0.40	0.40	1.20	1.20
0200	-	-	-	-	0.39	0.78
0300	-	-	-	-	0.40	1.20
0400	-	-	-	-	-	0.81
0500	-	-	-	0.40	0.40	1.21
0600	-	-	-	-	0.40	1.62
0700	-	-	-	-	0.40	1.21
0800	-	-	-	-	-	0.40
0900	-	-	-	-	0.40	1.21
1000	-	-	-	-	0.40	0.40
1100	-	-	-	-	0.40	1.21
1200	0.40	0.40	0.40	0.40	0.40	0.80
1300	-	-	-	-	-	0.41
1400	-	-	-	-	-	0.40
1500	-	-	-	-	-	0.40
1600	-	-	-	-	0.40	0.40
1700	-	-	-	-	-	0.40
1800	-	-	-	-	-	1.63
1900	-	-	-	-	-	0.40
2000	-	-	-	-	-	0.81
2100	-	-	-	-	-	-
2200	-	-	-	-	0.41	2.04
2300	-	-	-	-	0.81	1.63
Mean	0.03	0.05	0.05	0.08	0.32	0.94

**UGKO - Mean Cloud Base (October 2010-2017)**



In October, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 66.1%
2. >500 FT and <= 1000FT – 25.0%
3. >300FT and <= 500FT – 3.6%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – 1.8%
6. <=100FT – 3.5%

In October, the mean percentage of cloud ceiling recorded above 1500 feet is 99.06% of the total amount of occurrences (See climatological table of October, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.03 percent 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 TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

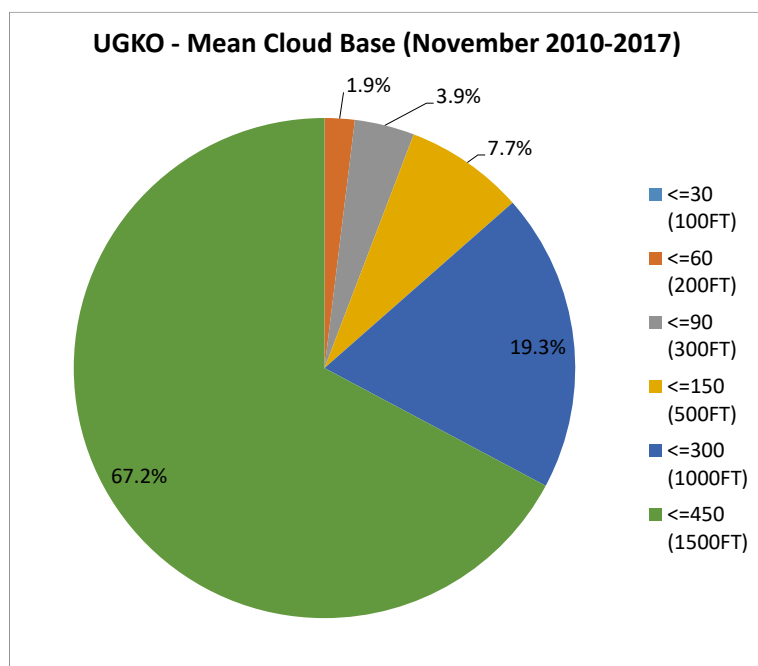
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	0.42	0.84	0.84	1.69
0100	-	-	-	-	0.82	1.65
0200	-	-	-	0.41	0.41	0.82
0300	-	-	-	-	0.84	1.67
0400	-	-	-	-	-	0.83
0500	-	-	-	-	-	0.41
0600	-	-	-	-	-	0.41
0700	-	-	-	-	-	2.08
0800	-	-	-	-	0.41	0.41
0900	-	-	-	-	-	0.84
1000	-	-	-	-	0.41	1.24
1100	-	-	-	-	-	0.41
1200	-	-	-	-	-	0.41
1300	-	-	0.41	0.41	0.41	0.41
1400	-	-	-	0.42	0.42	0.42
1500	-	-	-	0.42	0.42	0.42
1600	-	-	-	-	-	-
1700	-	-	-	-	-	0.41
1800	-	-	-	-	-	0.42
1900	-	0.42	0.42	0.42	0.42	0.84
2000	-	-	-	-	-	1.25
2100	-	-	-	-	0.42	1.68
2200	-	-	-	-	1.28	1.28
2300	-	-	-	-	-	1.66
Mean	-	0.02	0.05	0.12	0.30	0.90



In November, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 67.2%
2. >500 FT and <= 1000FT – 19.3%
3. >300FT and <= 500FT – 7.7%
4. >200FT and <= 300FT – 3.9%
5. >100FT and <= 200FT – 1.9%
6. <=100FT – not observed

In November, the mean percentage of cloud ceiling recorded above 1500 feet is 99.1% of the total amount of occurrences (See climatological table of November, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 200 feet and below (cloud amount BKN and OVC) (see climatological table of November, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

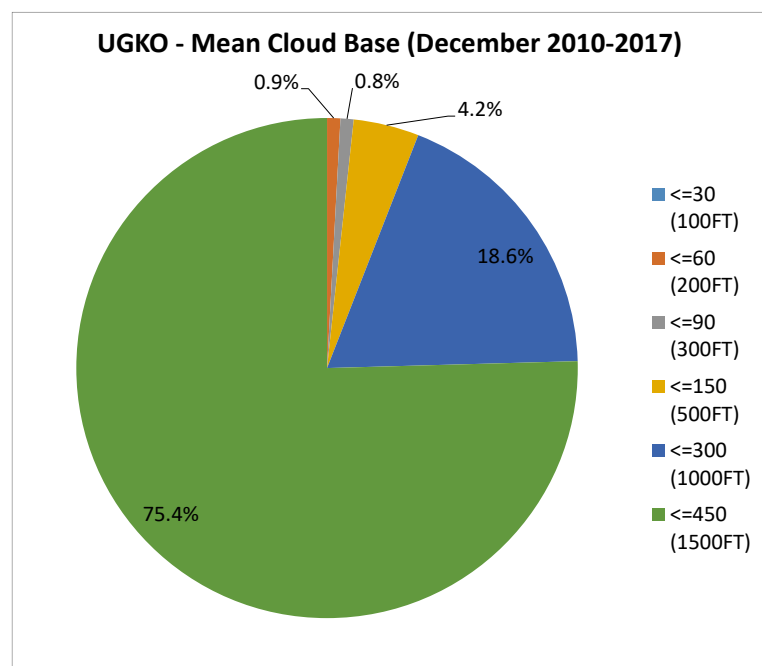
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	0.39	0.39	2.35
0100	-	-	-	0.39	1.17	3.11
0200	-	0.40	0.40	0.40	0.40	0.80
0300	-	-	-	-	0.80	1.99
0400	-	-	-	-	1.59	1.59
0500	-	-	-	0.40	1.19	2.78
0600	-	-	-	-	-	2.00
0700	-	-	-	-	0.79	1.98
0800	-	-	-	-	0.39	1.97
0900	-	-	-	-	-	1.59
1000	-	-	-	-	-	0.79
1100	-	-	-	-	-	1.59
1200	-	-	-	-	-	1.99
1300	-	-	-	-	0.40	1.98
1400	-	-	-	-	0.40	3.17
1500	-	-	-	-	-	2.37
1600	-	-	-	-	-	2.80
1700	-	-	-	-	0.40	1.58
1800	-	-	-	-	0.80	1.59
1900	-	-	-	-	0.40	1.60
2000	-	-	-	-	1.20	2.80
2100	-	-	-	0.40	0.40	1.59
2200	-	-	0.40	0.40	0.40	0.79
2300	-	-	-	0.40	0.40	2.02
Mean	-	0.02	0.03	0.12	0.48	1.95



In December, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 75.4%
2. >500 FT and <= 1000FT – 18.6%
3. >300FT and <= 500FT – 4.2%
4. >200FT and <= 300FT – 0.8%
5. >100FT and <= 200FT – 0.9%
6. <=100FT – not observed

In December, the mean percentage of cloud ceiling recorded above 1500 feet is 98.05% of the total amount of occurrences (See climatological table of December, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 500 feet and below (cloud amount BKN and OVC) (see climatological table of December, Model C).

# WIND SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

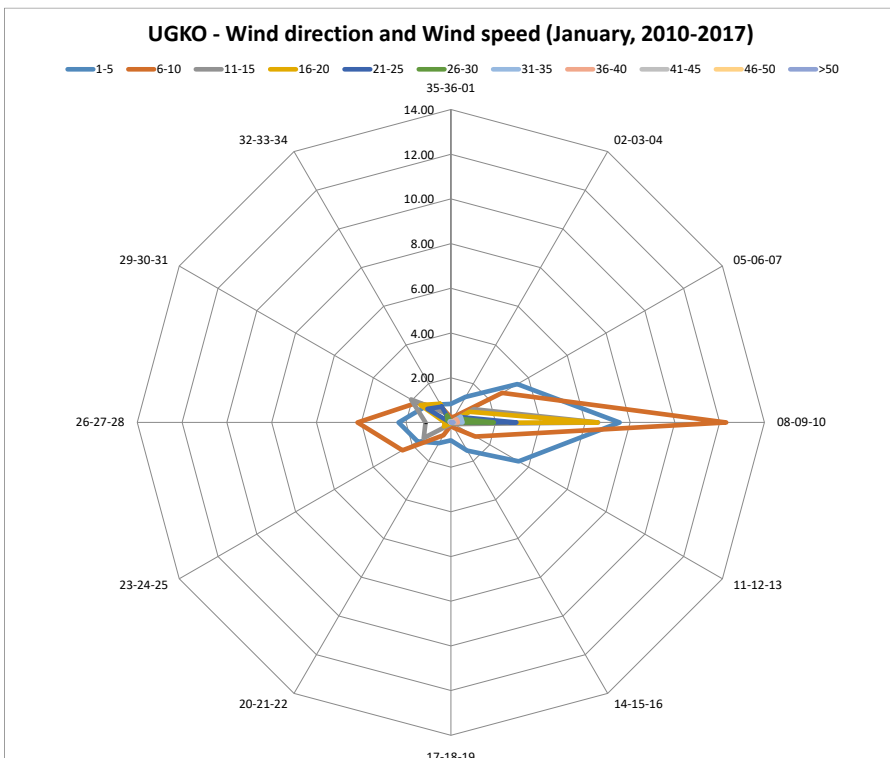
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

**FREQUENCIES (PERCENT) 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												6.37
VARIABLE	5.89	0.16	-	-	-	-	-	-	-	-	-	6.05
35-36-01	0.83	0.23	0.02	-	-	-	-	-	-	-	-	1.08
02-03-04	1.32	0.31	-	-	-	-	-	-	-	-	-	1.62
05-06-07	3.42	2.64	1.18	0.95	0.48	0.35	0.51	0.28	0.09	-	-	9.90
08-09-10	7.54	12.29	6.58	6.55	2.92	1.92	0.52	0.32	0.15	0.10	0.11	39.00
11-12-13	3.49	1.26	0.15	0.03	0.02	-	-	-	-	-	-	4.96
14-15-16	1.46	0.28	-	-	0.01	-	-	-	-	-	-	1.76
17-18-19	0.81	0.14	0.04	-	-	-	-	-	-	-	-	0.99
20-21-22	1.07	0.67	0.12	0.04	-	-	-	-	-	-	-	1.90
23-24-25	1.71	2.50	1.40	0.36	-	-	-	-	-	-	-	5.97
26-27-28	2.33	4.17	1.13	0.26	0.02	-	-	-	-	-	-	7.92
29-30-31	1.36	1.76	2.05	1.56	1.21	0.19	0.07	-	-	-	-	8.19
32-33-34	0.93	0.70	0.49	0.96	0.82	0.35	0.05	-	-	-	-	4.30
<b>TOTAL</b>	<b>32.16</b>	<b>27.10</b>	<b>13.16</b>	<b>10.72</b>	<b>5.49</b>	<b>2.80</b>	<b>1.16</b>	<b>0.60</b>	<b>0.24</b>	<b>0.10</b>	<b>0.11</b>	<b>100</b>



**CALM**  
6.37%

**VARIABLE**  
6.05%

The prevailing wind directions of 080°-100° frequency of occurrence is 39.00%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 59.26%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.11%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 8808

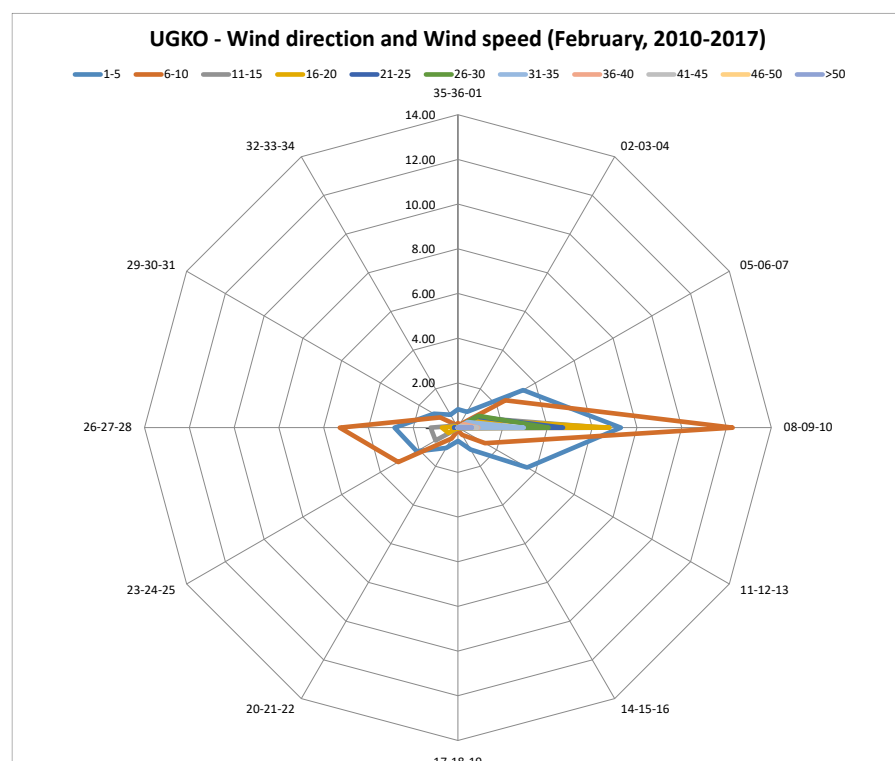
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												4.51
VARIABLE	6.15	0.39	-	0.02	-	-	-	-	-	-	-	6.56
35-36-01	0.82	0.20	-	-	-	-	-	-	-	-	-	1.03
02-03-04	0.81	0.15	-	-	-	-	-	-	-	-	-	0.96
05-06-07	3.36	2.45	0.90	0.74	0.97	1.06	0.50	0.30	0.12	-	-	10.41
08-09-10	7.27	12.27	6.46	6.77	4.69	4.05	2.94	0.91	0.87	0.34	0.62	47.20
11-12-13	3.58	1.40	0.08	0.02	-	-	-	-	-	-	-	5.08
14-15-16	1.14	0.37	-	0.05	-	-	-	-	-	-	-	1.56
17-18-19	0.60	0.12	-	-	-	-	-	-	-	-	-	0.72
20-21-22	1.05	0.56	0.06	0.01	-	-	-	-	-	-	-	1.68
23-24-25	2.12	3.08	1.15	0.48	0.01	-	-	-	-	-	-	6.85
26-27-28	2.83	5.28	1.22	0.71	0.17	-	-	-	-	-	-	10.21
29-30-31	1.24	0.91	0.17	0.11	-	-	-	-	-	-	-	2.44
32-33-34	0.67	0.14	-	-	-	-	-	-	-	-	-	0.80
TOTAL	31.64	27.33	10.04	8.92	5.84	5.11	3.44	1.22	0.99	0.34	0.62	100



**CALM**  
4.51%

**VARIABLE**  
6.56%

The prevailing wind directions of 080°-100° frequency of occurrence is 47.20%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 58.97%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.62%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

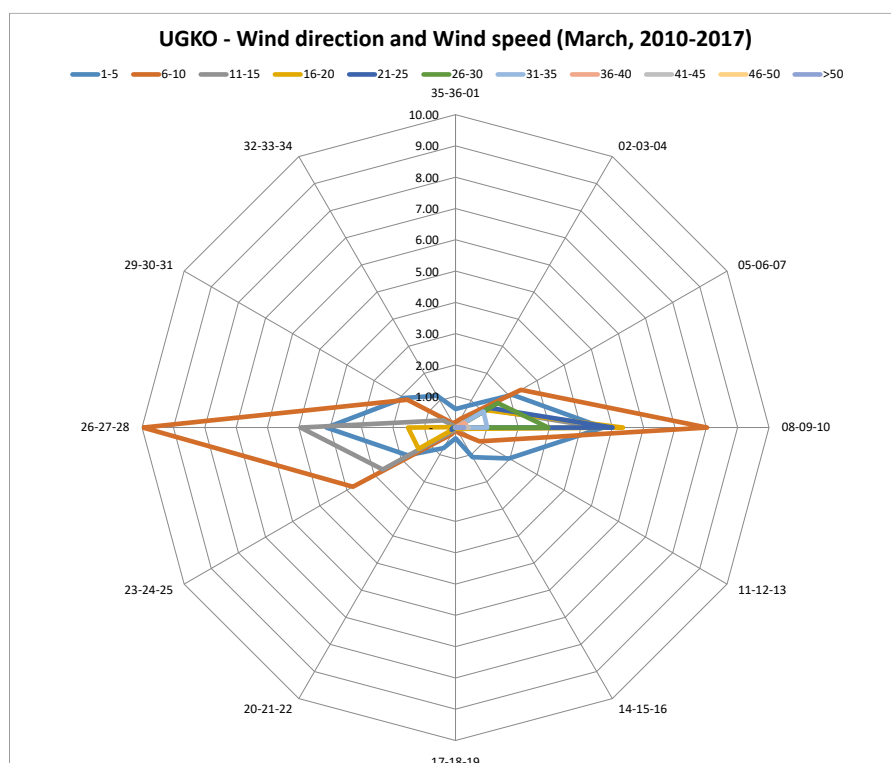
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												4.62
VARIABLE	6.89	0.69	0.03	-	-	-	-	-	-	-	-	7.61
35-36-01	0.59	0.18	-	0.01	-	-	-	-	-	-	-	0.78
02-03-04	0.81	0.32	0.02	-	-	-	-	-	-	-	-	1.15
05-06-07	2.10	2.41	1.16	1.11	1.26	1.56	1.03	0.31	0.02	-	-	10.96
08-09-10	4.71	8.02	4.62	5.34	5.01	2.96	1.01	0.39	0.43	0.27	0.27	33.04
11-12-13	1.97	0.88	0.07	0.08	-	-	-	-	-	-	-	3.01
14-15-16	1.09	0.20	0.01	-	-	-	-	-	-	-	-	1.30
17-18-19	0.34	0.07	-	-	-	-	-	-	-	-	-	0.42
20-21-22	0.76	0.25	0.11	0.02	-	-	-	-	-	-	-	1.14
23-24-25	1.77	3.78	2.68	1.36	0.15	0.03	-	-	-	-	-	9.77
26-27-28	4.12	9.97	4.95	1.52	0.08	0.02	-	-	-	-	-	20.65
29-30-31	1.89	1.78	0.46	0.03	-	-	-	-	-	-	-	4.16
32-33-34	1.17	0.16	0.04	0.01	-	-	-	-	-	-	-	1.38
TOTAL	28.22	28.71	14.17	9.49	6.50	4.57	2.04	0.71	0.45	0.27	0.27	100



**CALM**  
4.62%

**VARIABLE**  
7.61%

The prevailing wind directions of 080°-100° frequency of occurrence is 33.04%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 56.92%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.27%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

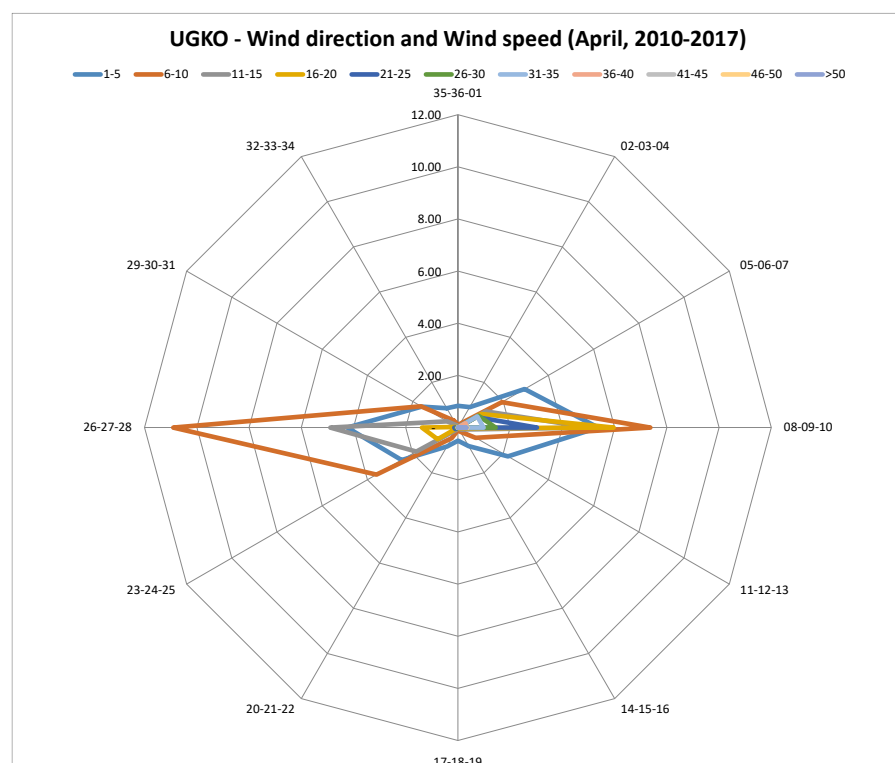
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												4.91
VARIABLE	9.90	0.77	0.01	0.01	-	-	-	-	-	-	-	10.69
35-36-01	0.83	0.11	0.02	-	-	-	-	-	-	-	-	0.96
02-03-04	0.91	0.17	0.03	-	-	-	-	-	-	-	-	1.11
05-06-07	2.95	1.95	1.24	1.04	0.81	0.91	0.86	0.33	0.01	-	-	10.09
08-09-10	5.38	7.36	5.04	5.96	3.02	1.44	0.98	0.32	0.16	0.35	0.32	30.35
11-12-13	2.21	0.78	0.15	0.05	-	-	-	-	-	-	-	3.20
14-15-16	0.82	0.18	0.03	0.02	-	-	-	-	-	-	-	1.06
17-18-19	0.50	0.10	0.01	-	-	-	-	-	-	-	-	0.61
20-21-22	0.83	0.47	0.10	-	-	-	-	-	-	-	-	1.40
23-24-25	2.49	3.60	1.84	0.90	0.12	0.03	-	-	-	-	-	8.98
26-27-28	4.24	10.90	4.88	1.38	0.14	0.05	-	-	-	-	-	21.60
29-30-31	1.60	1.64	0.48	0.05	-	-	-	-	-	-	-	3.77
32-33-34	0.86	0.31	0.10	0.01	-	-	-	-	-	-	-	1.27
TOTAL	33.53	28.33	13.94	9.43	4.09	2.44	1.84	0.65	0.17	0.35	0.32	100



**CALM**  
4.91%

**VARIABLE**  
10.69%

The prevailing wind directions of 080°-100° frequency of occurrence is 30.52%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 61.86%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.38%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

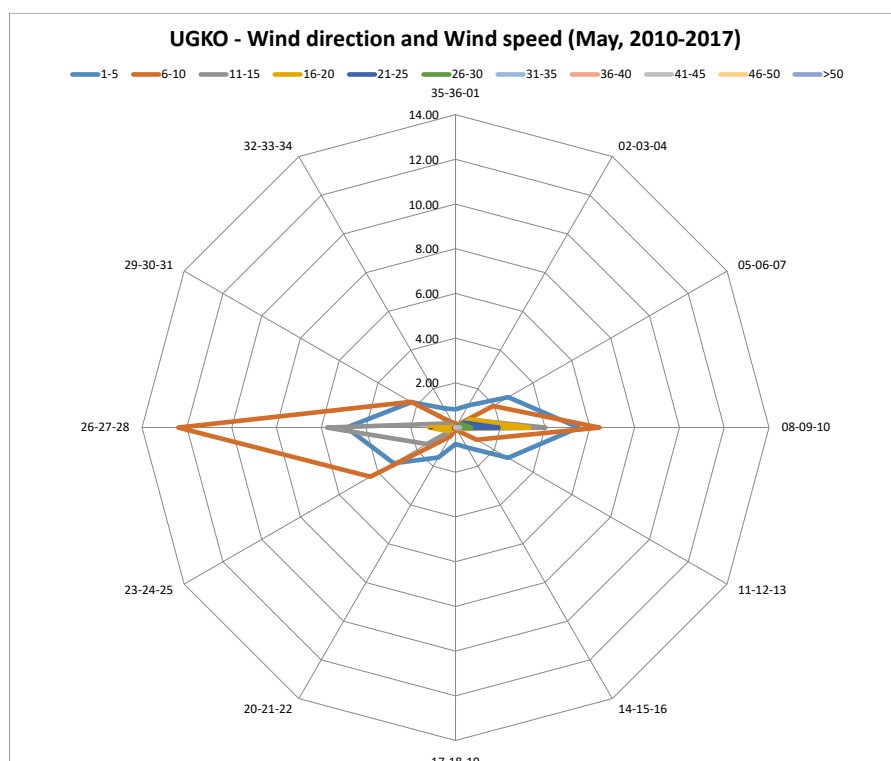
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												6.57
VARIABLE	13.32	0.72	0.02	0.01	-	-	-	-	-	-	-	14.08
35-36-01	0.82	0.21	0.01	-	-	-	-	-	-	-	-	1.04
02-03-04	1.14	0.13	0.02	0.01	-	-	-	-	-	-	-	1.30
05-06-07	2.71	1.94	0.71	0.75	0.45	0.30	0.03	-	-	-	-	6.88
08-09-10	5.50	6.43	4.02	3.30	1.93	0.69	0.21	0.01	-	-	-	22.08
11-12-13	2.71	1.09	0.13	0.05	-	-	-	-	-	-	-	3.99
14-15-16	1.02	0.16	0.01	-	-	-	-	-	-	-	-	1.19
17-18-19	0.73	0.09	-	-	-	-	-	-	-	-	-	0.83
20-21-22	1.54	0.47	0.05	0.01	-	-	-	-	-	-	-	2.07
23-24-25	3.19	4.39	1.48	0.33	0.07	0.01	-	-	-	-	-	9.47
26-27-28	4.88	12.38	5.73	1.18	0.06	0.01	-	-	-	-	-	24.24
29-30-31	2.28	2.30	0.37	0.05	-	-	-	-	-	-	-	5.00
32-33-34	0.99	0.24	0.02	-	-	-	-	-	-	-	-	1.25
TOTAL	40.84	30.54	12.59	5.69	2.51	1.01	0.24	0.01	-	-	-	100



**CALM**  
6.57%

**VARIABLE**  
14.08%

The prevailing wind directions of 260°-280° frequency of occurrence is 24.24% and that of 080°-100° directions frequency of occurrence is 22.08%..

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 71.38%).

The maximum wind of 36-40 knots is observed within the 080°-100° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

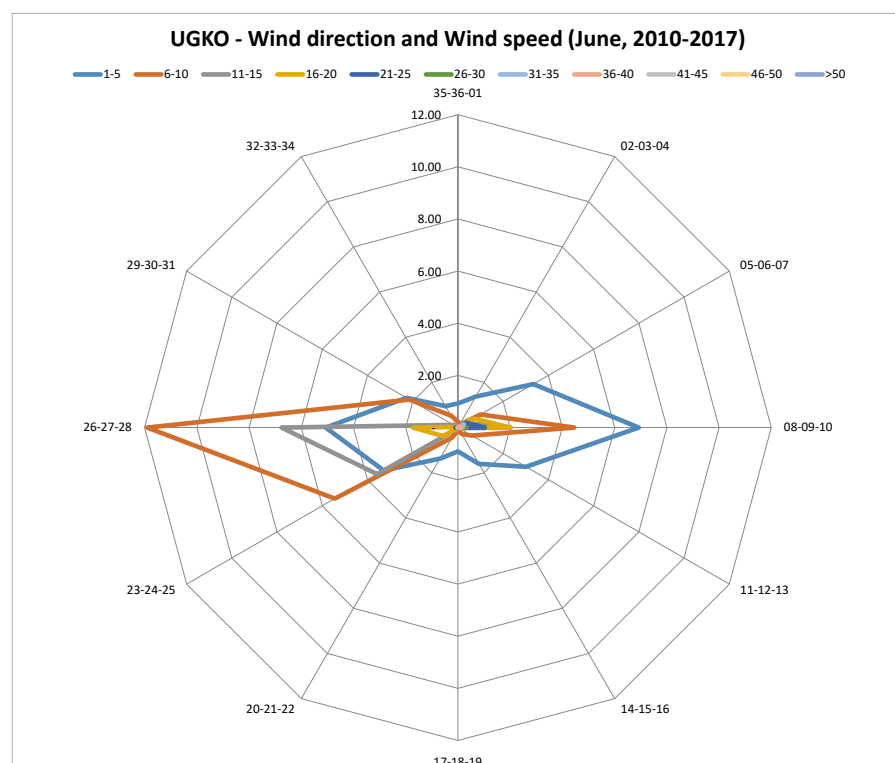
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												6.74
VARIABLE	13.38	0.62	0.04	-	-	-	-	-	-	-	-	14.04
35-36-01	0.93	0.23	-	-	-	-	-	-	-	-	-	1.16
02-03-04	1.37	0.12	0.01	0.01	-	-	-	-	-	-	-	1.51
05-06-07	3.34	1.00	0.35	0.70	0.36	0.22	0.26	0.04	-	-	-	6.28
08-09-10	6.92	4.46	2.02	2.01	1.03	0.33	0.17	0.14	-	-	-	17.08
11-12-13	3.01	0.62	0.05	-	-	-	-	-	-	-	-	3.68
14-15-16	1.61	0.29	-	0.02	-	-	-	-	-	-	-	1.91
17-18-19	0.91	0.10	0.01	-	-	-	-	-	-	-	-	1.02
20-21-22	1.37	0.45	0.06	-	-	-	-	-	-	-	-	1.88
23-24-25	3.29	5.45	3.57	0.65	0.02	-	-	-	-	-	-	12.98
26-27-28	5.06	11.90	6.75	1.71	0.10	0.02	-	-	-	-	-	25.55
29-30-31	2.28	2.15	0.20	0.04	-	-	-	-	-	-	-	4.67
32-33-34	0.95	0.53	0.02	-	-	-	-	-	-	-	-	1.50
TOTAL	44.42	27.90	13.10	5.15	1.51	0.57	0.43	0.18	-	-	-	100



**CALM**  
6.74%

**VARIABLE**  
14.04%

The prevailing wind directions of 260°-280° frequency of occurrence is 25.55%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 72.32%).

The maximum wind of 36-40 knots is observed within the 050°-100° sector (frequency of occurrence 0.18%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

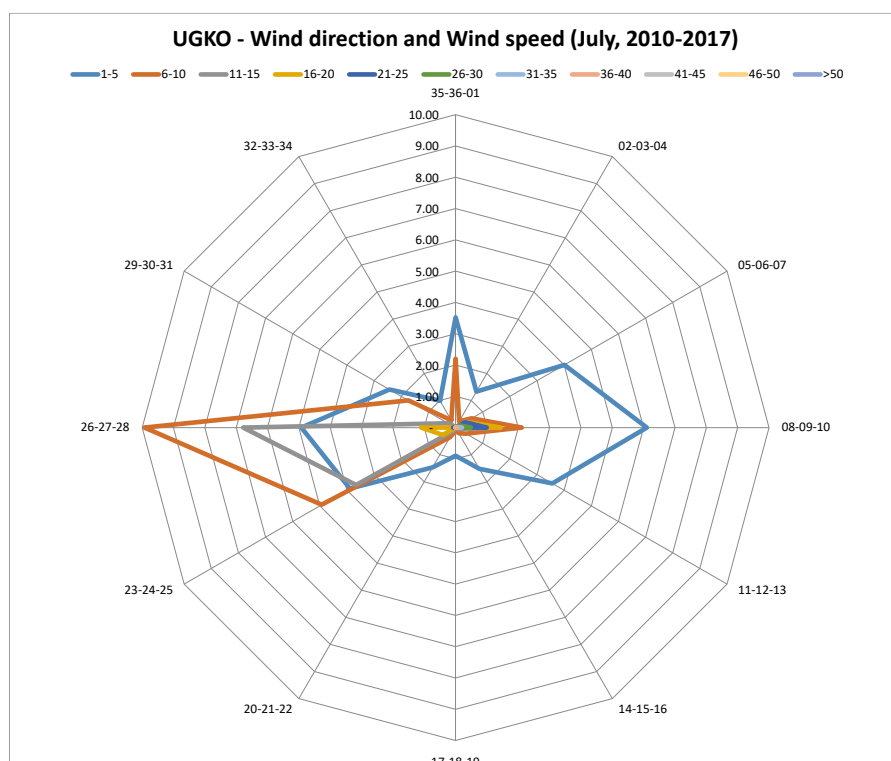
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												8.78
VARIABLE	14.60	0.39	0.01	-	-	-	-	-	-	-	-	15.01
35-36-01	3.52	2.20	0.03	-	-	-	-	-	-	-	-	5.75
02-03-04	1.33	0.23	0.01	0.01	-	-	-	-	-	-	-	1.57
05-06-07	4.01	0.59	0.25	0.37	0.35	0.15	0.03	0.03	-	-	-	5.78
08-09-10	6.10	2.11	1.43	1.44	0.99	0.49	0.21	0.06	-	-	-	12.83
11-12-13	3.56	0.38	0.10	0.02	0.01	-	-	-	-	-	-	4.08
14-15-16	1.52	0.21	0.01	-	-	0.01	-	-	-	-	-	1.75
17-18-19	0.90	0.10	-	-	-	-	-	-	-	-	-	1.00
20-21-22	1.47	0.35	0.11	-	-	-	-	-	-	-	-	1.94
23-24-25	3.89	4.93	3.67	0.47	0.01	-	-	-	-	-	-	12.97
26-27-28	4.92	9.92	6.77	1.10	0.08	-	-	-	-	-	-	22.80
29-30-31	2.43	1.74	0.28	-	-	-	-	-	-	-	-	4.45
32-33-34	0.99	0.27	0.02	-	-	-	-	-	-	-	-	1.28
TOTAL	49.26	23.43	12.70	3.41	1.45	0.64	0.24	0.09	-	-	-	100



**CALM**  
8.78%

**VARIABLE**  
15.01%

The prevailing wind directions of 260°-280° frequency of occurrence is 22.80%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 72.69%).

The maximum wind of 36-40 knots is observed within the 050°-100° sector (frequency of occurrence 0.09%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

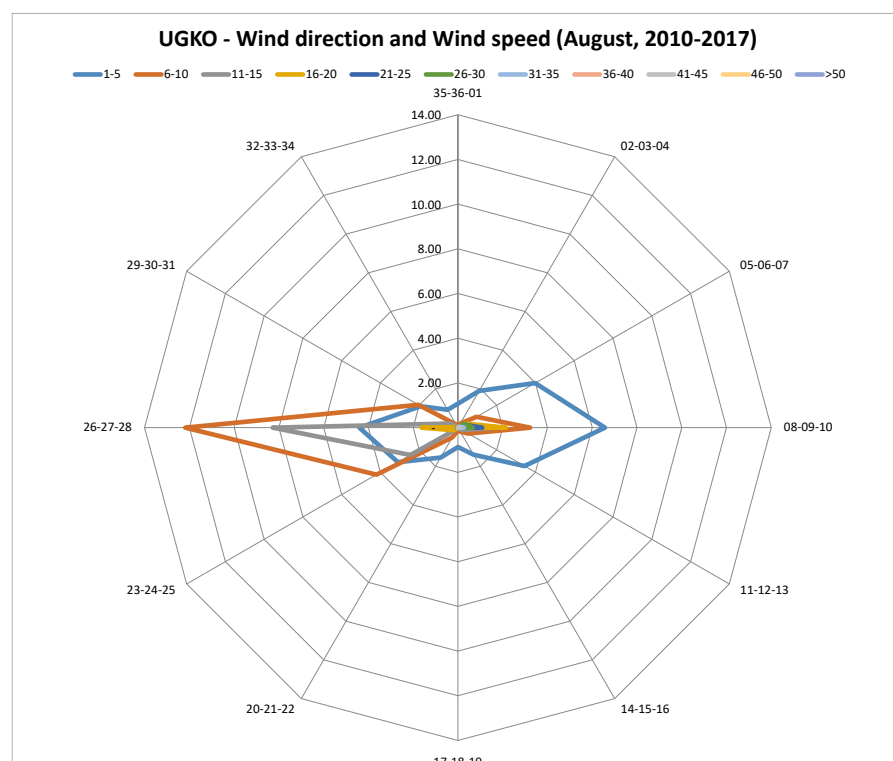
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												7.93
VARIABLE	15.07	0.53	0.03	-	-	-	-	-	-	-	-	15.63
35-36-01	1.07	0.12	0.01	-	-	-	-	-	-	-	-	1.20
02-03-04	1.90	0.21	0.01	-	-	-	-	-	-	-	-	2.12
05-06-07	3.98	0.96	0.29	0.37	0.28	0.34	0.08	-	-	-	-	6.30
08-09-10	6.57	3.23	1.64	2.15	1.08	0.67	0.28	0.08	0.10	-	-	15.80
11-12-13	3.43	0.53	0.22	-	-	-	-	-	-	-	-	4.19
14-15-16	1.40	0.21	0.03	0.02	0.01	-	-	-	-	-	-	1.67
17-18-19	0.87	0.13	0.01	-	-	-	-	-	-	-	-	1.01
20-21-22	1.55	0.51	0.06	-	-	-	-	-	-	-	-	2.12
23-24-25	3.09	4.21	2.45	0.23	0.01	-	-	-	-	-	-	9.99
26-27-28	4.41	12.19	8.28	1.63	0.03	-	-	-	-	-	-	26.53
29-30-31	1.92	2.05	0.36	0.05	-	-	-	-	-	-	-	4.38
32-33-34	0.92	0.16	0.05	-	-	-	-	-	-	-	-	1.13
TOTAL	46.18	25.03	13.45	4.46	1.41	1.01	0.36	0.08	0.10	-	-	100



**CALM**  
7.93%

**VARIABLE**  
15.63%

The prevailing wind directions of 260°-280° frequency of occurrence is 26.53%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 71.21%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.10%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

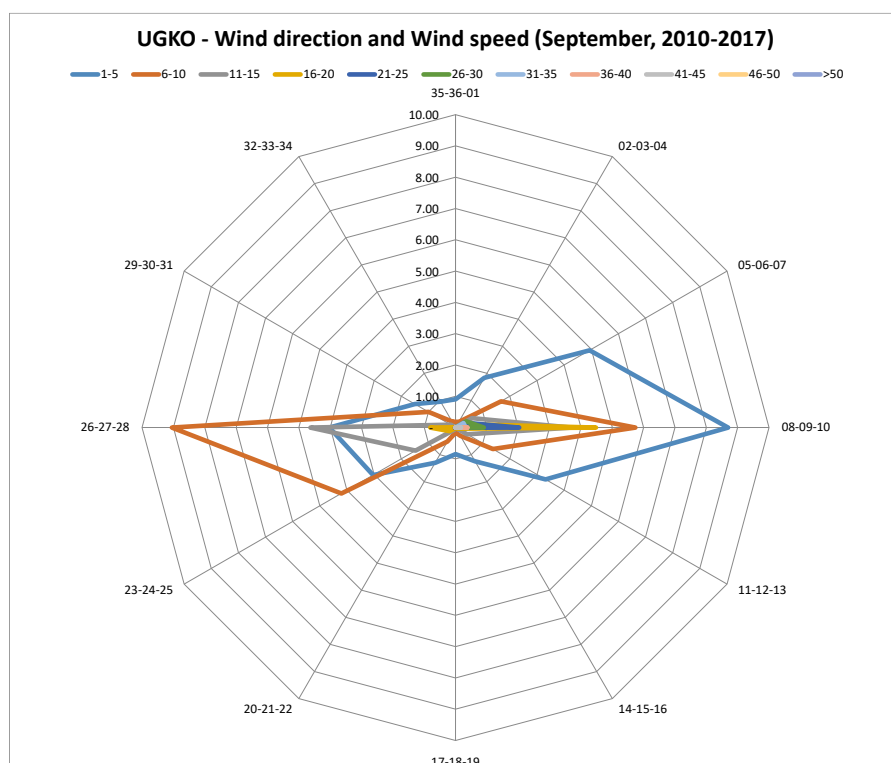
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												6.99
VARIABLE	13.28	0.61	-	-	-	-	-	-	-	-	-	13.89
35-36-01	0.90	0.18	0.01	-	-	-	-	-	-	-	-	1.10
02-03-04	1.84	0.21	0.01	-	-	-	-	-	-	-	-	2.06
05-06-07	4.94	1.67	0.60	0.23	0.31	0.40	0.29	-	-	-	-	8.44
08-09-10	8.70	5.73	3.69	4.48	2.03	0.90	0.32	0.38	0.17	-	-	26.40
11-12-13	3.32	1.37	0.43	0.08	0.01	-	-	-	-	-	-	5.21
14-15-16	1.25	0.30	0.01	0.01	-	-	-	-	-	-	-	1.57
17-18-19	0.85	0.16	0.01	-	-	-	-	-	-	-	-	1.02
20-21-22	1.30	0.52	0.09	0.02	0.01	-	-	-	-	-	-	1.93
23-24-25	3.04	4.21	1.47	0.23	0.02	-	-	-	-	-	-	8.96
26-27-28	4.03	9.05	4.63	0.81	0.01	-	-	-	-	-	-	18.52
29-30-31	1.50	1.00	0.18	0.02	-	-	-	-	-	-	-	2.71
32-33-34	0.96	0.23	0.01	0.01	-	-	-	-	-	-	-	1.20
TOTAL	45.89	25.25	11.14	5.87	2.39	1.30	0.61	0.38	0.17	-	-	100



**CALM**  
6.99%

**VARIABLE**  
13.89%

The prevailing wind directions of 080°-100° frequency of occurrence is 26.40%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 71.14%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.17%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

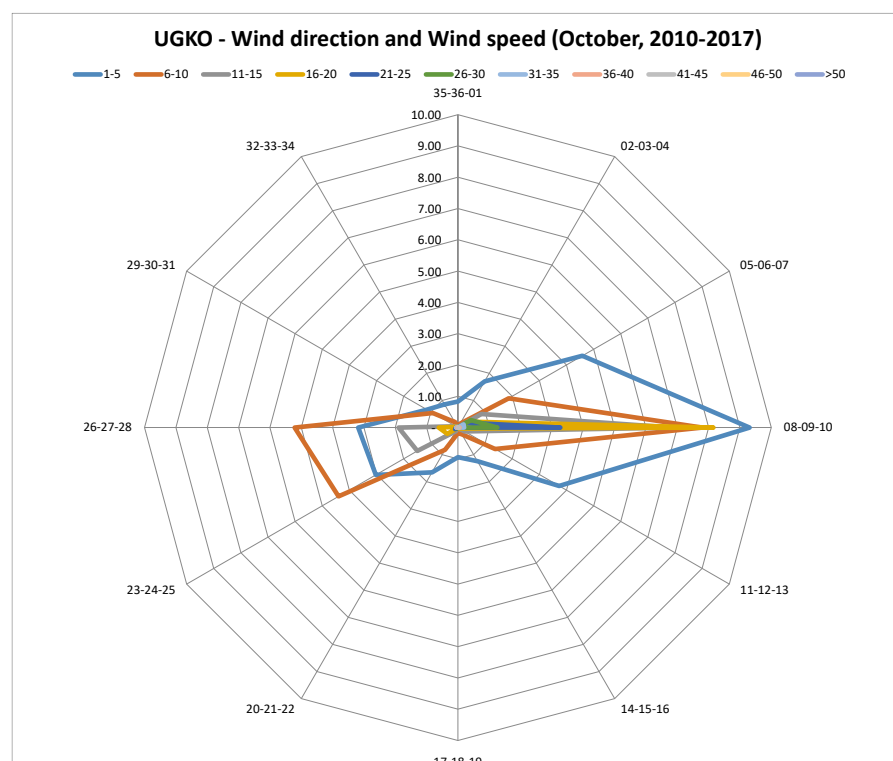
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												6.55
VARIABLE	10.25	0.34	-	-	-	-	-	-	-	-	-	10.60
35-36-01	0.83	0.05	0.02	-	-	-	-	-	-	-	-	0.90
02-03-04	1.71	0.15	0.02	-	-	-	-	-	-	-	-	1.87
05-06-07	4.59	1.87	0.86	0.37	0.31	0.48	0.21	-	-	-	-	8.69
08-09-10	9.31	7.79	6.84	8.15	3.27	1.26	0.20	0.04	0.01	-	-	36.87
11-12-13	3.73	1.37	0.25	0.06	-	-	-	-	-	-	-	5.42
14-15-16	1.24	0.25	0.03	-	-	-	-	-	-	-	-	1.52
17-18-19	0.95	0.18	0.01	0.01	-	-	-	-	-	-	-	1.14
20-21-22	1.65	0.82	0.14	0.01	-	-	-	-	-	-	-	2.62
23-24-25	3.03	4.40	1.50	0.40	0.10	0.04	-	-	-	-	-	9.46
26-27-28	3.18	5.21	1.89	0.61	0.06	0.02	0.05	0.02	-	-	-	11.06
29-30-31	1.14	0.93	0.08	0.05	-	-	-	-	-	-	-	2.20
32-33-34	0.85	0.21	0.02	-	-	-	-	-	-	-	-	1.08
TOTAL	42.46	23.57	11.67	9.67	3.74	1.80	0.46	0.06	0.01	-	-	100



**CALM**  
6.55%

**VARIABLE**  
10.60%

The prevailing wind directions of 080°-100° frequency of occurrence is 36.87%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 66.03%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

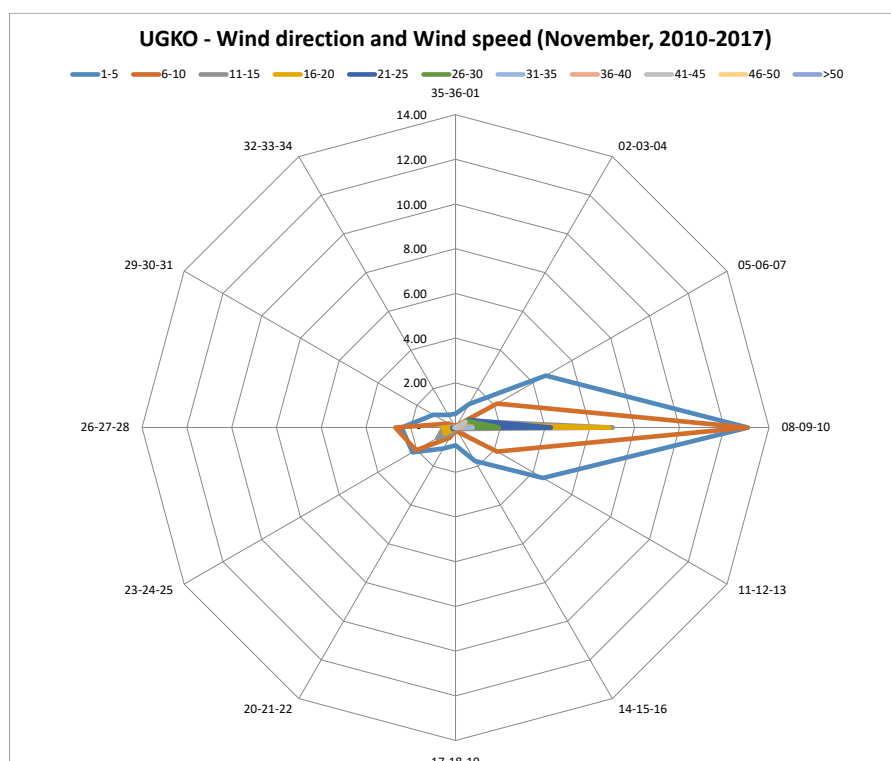
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												5.74
VARIABLE	8.09	0.18	-	-	-	-	-	-	-	-	-	8.27
35-36-01	0.62	0.11	-	-	-	-	-	-	-	-	-	0.72
02-03-04	1.21	0.12	0.01	-	-	-	-	-	-	-	-	1.34
05-06-07	4.65	2.15	0.61	0.34	0.68	0.61	0.14	0.49	0.51	-	-	10.16
08-09-10	13.06	13.02	7.03	6.86	4.26	1.94	0.76	0.29	0.08	-	-	47.31
11-12-13	4.51	2.15	0.13	0.01	-	-	-	-	-	-	-	6.80
14-15-16	1.73	0.24	0.01	-	-	-	-	-	-	-	-	1.99
17-18-19	0.80	0.14	0.01	-	-	-	-	-	-	-	-	0.95
20-21-22	1.08	0.53	0.30	0.06	-	-	-	-	-	-	-	1.98
23-24-25	2.22	2.04	0.93	0.55	0.14	0.02	-	-	-	-	-	5.90
26-27-28	2.41	2.69	0.54	0.56	0.14	0.03	0.04	-	-	-	-	6.41
29-30-31	1.15	0.36	0.13	0.05	-	-	-	-	-	-	-	1.69
32-33-34	0.65	0.05	0.04	-	-	-	-	-	-	-	-	0.74
TOTAL	42.18	23.77	9.74	8.44	5.21	2.60	0.95	0.78	0.59	-	-	100



**CALM**  
5.74%

**VARIABLE**  
8.27%

The prevailing wind directions of 080°-100° frequency of occurrence is 47.31%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 65.95%).

The maximum wind of 41-45 knots is observed within the 050°-070° and 080°-100° sectors (frequency of occurrence 0.59%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

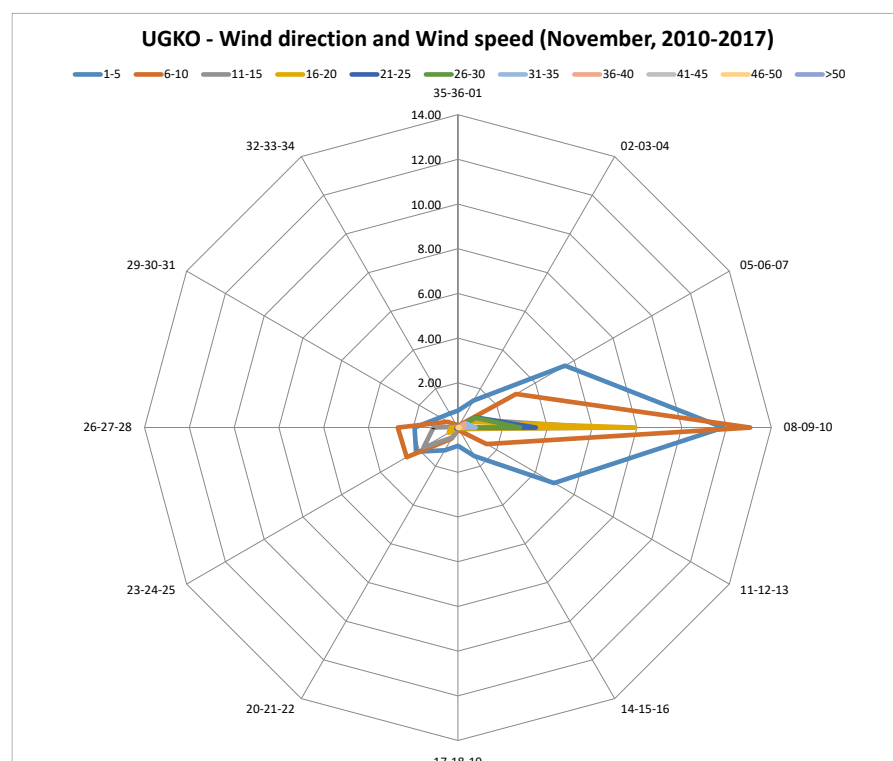
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												3.62
VARIABLE	7.95	0.10	-	-	-	-	-	-	-	-	-	8.05
35-36-01	0.76	0.10	-	-	-	-	-	-	-	-	-	0.86
02-03-04	1.40	0.12	-	-	-	-	-	-	-	-	-	1.52
05-06-07	5.53	3.00	0.72	0.51	0.92	0.89	0.39	0.33	-	-	-	12.29
08-09-10	11.85	13.06	6.32	7.91	3.48	2.78	0.79	0.24	0.07	0.06	-	46.56
11-12-13	4.96	1.47	0.13	0.09	0.02	-	-	-	-	-	-	6.68
14-15-16	1.47	0.16	-	-	-	-	-	-	-	-	-	1.63
17-18-19	0.82	0.10	-	-	-	-	-	-	-	-	-	0.92
20-21-22	1.17	0.57	0.51	0.01	-	-	-	-	-	-	-	2.27
23-24-25	2.16	2.64	1.78	0.48	0.08	-	-	-	-	-	-	7.15
26-27-28	1.94	2.68	1.09	0.32	0.03	0.01	-	-	-	-	-	6.07
29-30-31	0.91	0.52	0.07	-	-	-	-	-	-	-	-	1.50
32-33-34	0.72	0.14	0.01	-	-	-	-	-	-	-	-	0.88
TOTAL	41.65	24.68	10.64	9.32	4.53	3.67	1.17	0.57	0.07	0.06	-	100



**CALM**  
3.62%

**VARIABLE**  
8.05%

The prevailing wind directions of 080°-100° frequency of occurrence is 46.56%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 66.33%).

The maximum wind of 46-50 knots is observed within the 080°-100° sector (frequency of occurrence 0.06%).

# WIND GUST SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

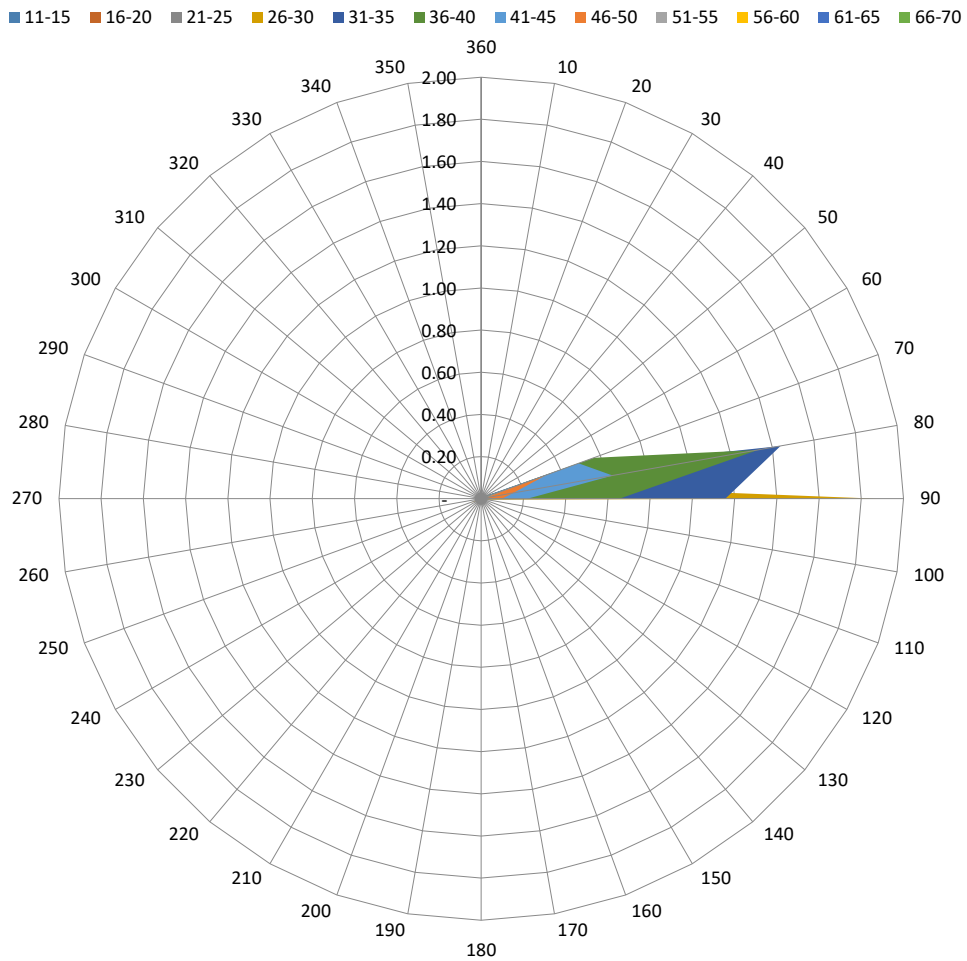
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	0.01	-	0.01	-	-	-	-	-	-	-	0.02
60	-	-	-	0.03	0.03	0.02	0.02	-	-	-	-	-	-	0.11
70	-	-	0.01	0.13	0.41	0.57	0.49	0.33	0.19	0.08	-	-	-	2.20
80	-	0.01	0.02	0.35	1.44	1.33	0.63	0.15	0.02	-	-	-	-	3.96
90	0.02	0.05	1.11	1.88	1.16	0.65	0.22	0.10	0.10	0.01	-	-	-	5.30
100	-	-	0.02	0.02	0.01	-	-	-	-	-	-	-	-	0.05
110	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
120	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
130	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
190	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
220	-	-	0.01	0.03	-	-	-	-	-	-	-	-	-	0.04
230	-	-	0.01	0.02	-	-	-	-	-	-	-	-	-	0.03
240	-	-	0.01	0.02	-	-	-	-	-	-	-	-	-	0.03
250	-	-	0.01	0.05	-	-	-	-	-	-	-	-	-	0.07
260	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
270	-	-	0.03	0.01	-	-	-	-	-	-	-	-	-	0.04
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.02	0.07	1.28	2.60	3.08	2.58	1.36	0.58	0.31	0.09	-	-	-	11.95

## UGKO Wind direction and Wind Gust speed (January, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.33%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.09%).

The directions of maximum wind gusts are 070° and 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 8808

OBSERVATION INTERVAL: 30 MIN.

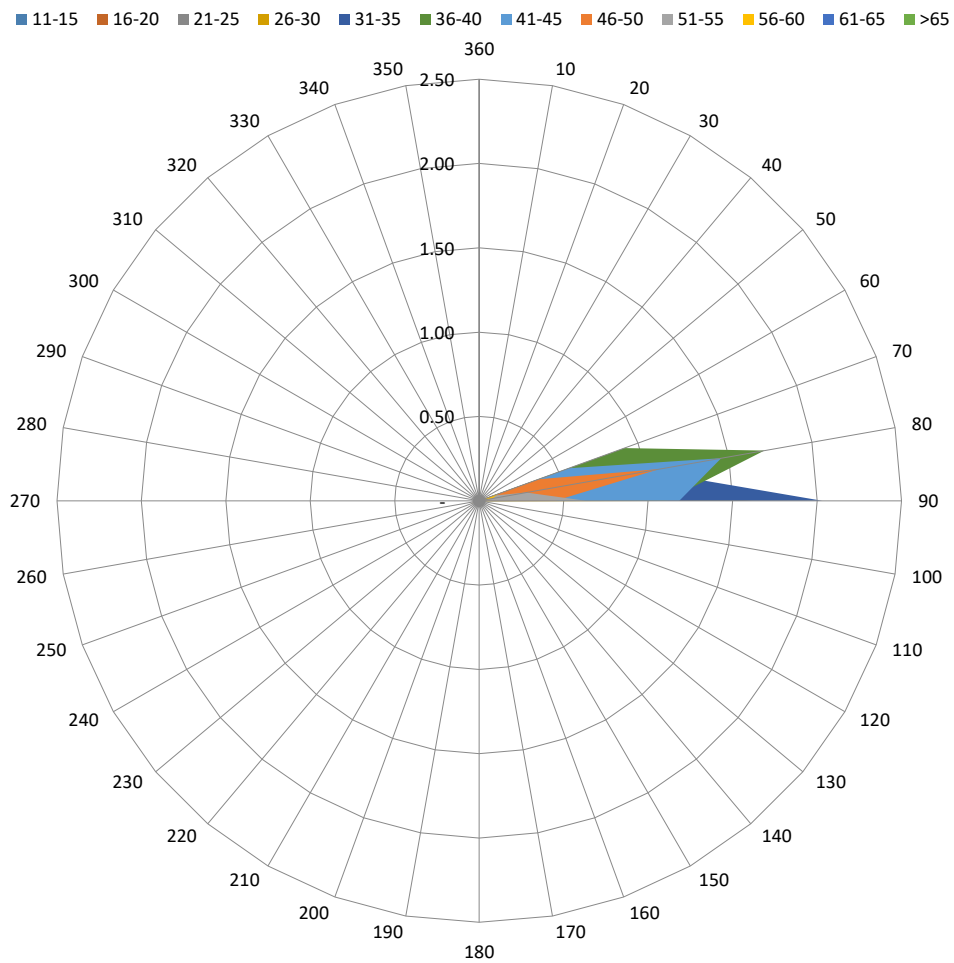
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	0.01	-	0.01	-	-	-	-	-	0.02
70	-	-	0.03	0.11	0.36	0.91	0.56	0.37	0.09	0.12	-	-	-	2.57
80	-	-	0.07	0.55	1.02	1.71	1.45	1.08	0.28	0.08	-	-	-	6.25
90	-	0.03	0.87	1.62	2.03	1.11	1.18	0.45	0.63	-	-	-	-	7.93
100	-	-	0.01	0.02	0.01	-	0.01	-	-	-	-	-	-	0.06
110	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.01	0.02	0.01	-	-	-	-	-	-	-	-	0.05
240	-	0.01	-	-	0.02	-	-	-	-	-	-	-	-	0.03
250	-	-	0.02	0.06	-	-	-	-	-	-	-	-	-	0.08
260	-	-	-	0.02	0.01	0.01	-	-	-	-	-	-	-	0.05
270	-	-	0.01	-	0.02	-	-	-	-	-	-	-	-	0.03
280	-	-	-	0.01	-	0.02	-	-	-	-	-	-	-	0.03
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.05	1.03	2.44	3.49	3.78	3.21	1.92	1.00	0.20	-	-	-	17.11

## UGKO Wind direction and Wind Gust speed (February, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 6.34%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.20%).

The directions of maximum wind gusts are 070° and 080°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

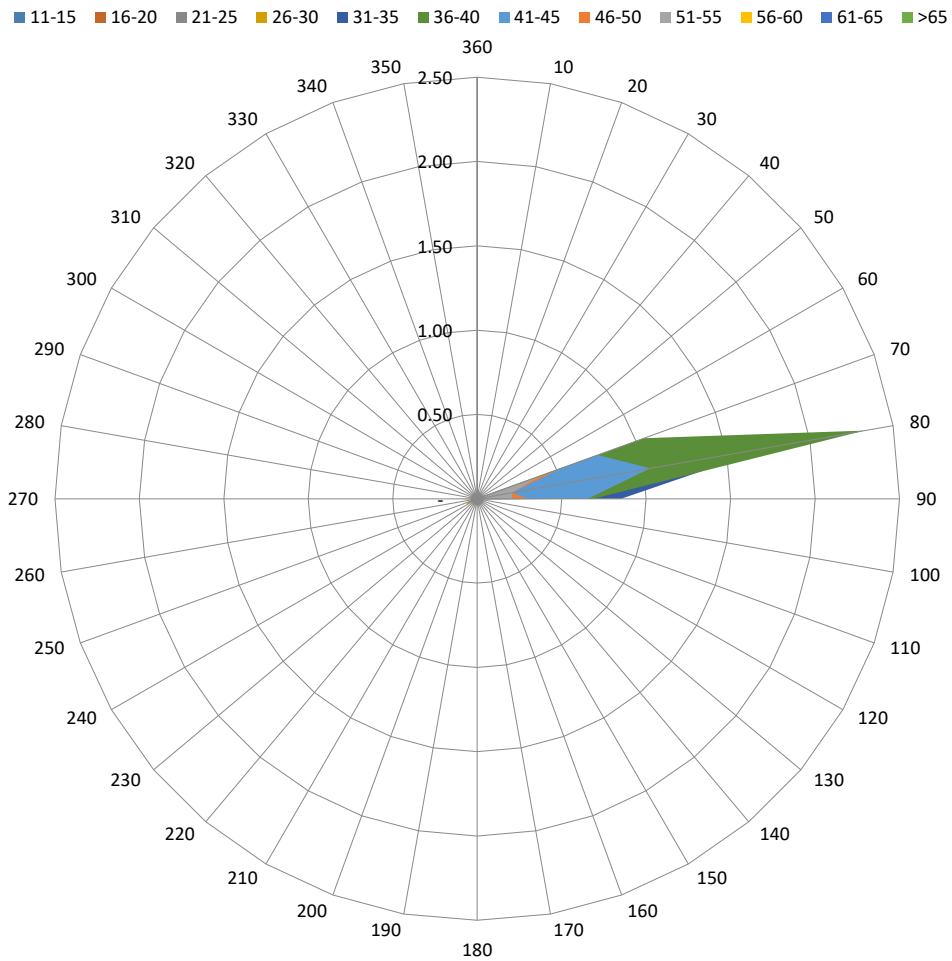
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
60	-	-	-	-	-	0.02	0.01	-	-	-	-	-	-	0.03
70	-	-	-	0.09	0.56	1.05	0.76	0.53	0.41	0.03	-	-	-	3.43
80	-	-	0.02	0.45	1.78	2.33	1.04	0.21	0.21	0.01	-	-	-	6.04
90	-	0.02	0.19	0.55	0.85	0.69	0.65	0.30	0.21	0.06	-	-	-	3.52
100	-	-	-	0.02	0.02	-	-	-	-	-	-	-	-	0.04
110	-	0.02	-	0.02	-	-	-	-	-	-	-	-	-	0.04
120	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	0.02
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	0.01	-	0.01	-	-	-	-	-	-	-	-	-	0.02
230	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
240	-	-	0.02	0.06	-	0.02	-	-	-	-	-	-	-	0.10
250	-	-	0.02	0.07	0.05	0.03	-	-	-	-	-	-	-	0.18
260	-	-	0.01	0.03	0.01	0.01	-	-	-	-	-	-	-	0.06
270	-	-	0.08	0.12	-	-	-	-	-	-	-	-	-	0.21
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.06	0.36	1.45	3.28	4.15	2.46	1.04	0.82	0.10	-	-	-	13.74

## UGKO Wind direction and Wind Gust speed (March, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 4.43%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.10%).

The directions of maximum wind gusts are 070°, 080° and 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

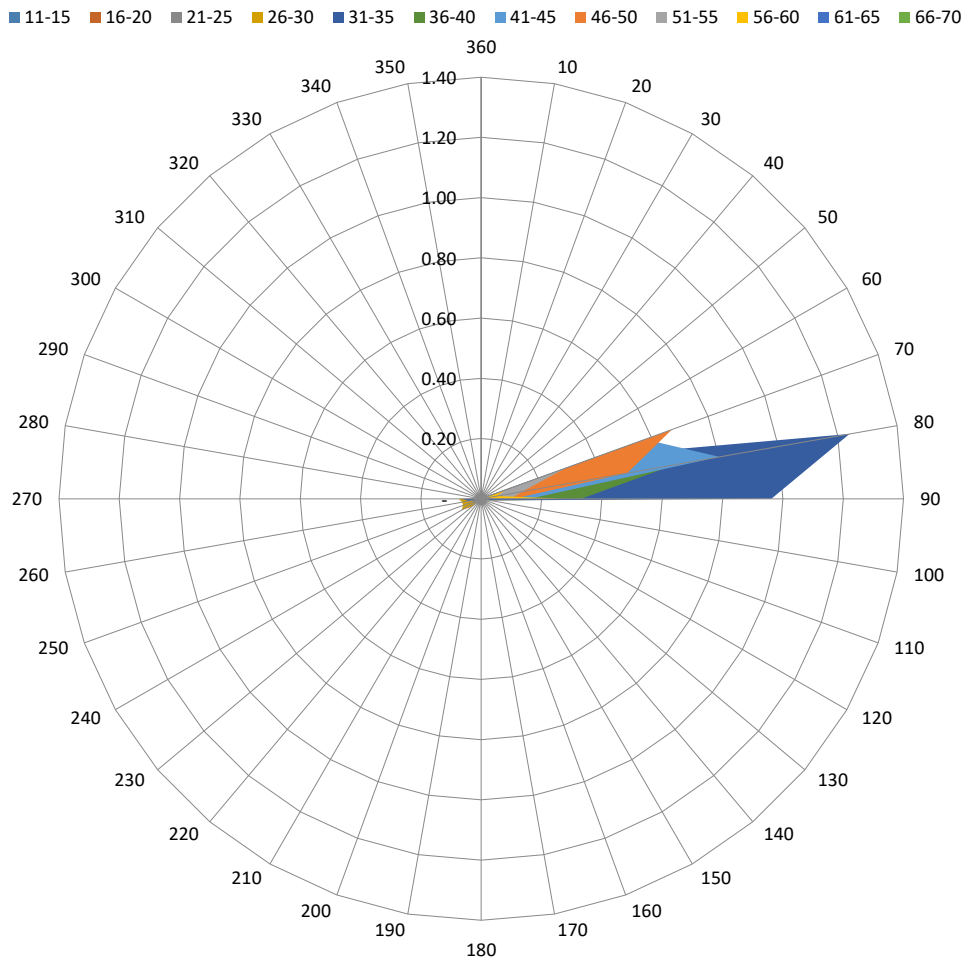
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES														
WIND DIRECTION	WIND GUST SPEED (KT)													
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70	TOTAL
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	0.01	0.01	-	0.01	-	-	-	-	-	-	0.03
70	-	-	-	0.16	0.42	0.53	0.58	0.67	0.30	0.09	0.01	-	-	2.76
80	-	-	0.02	0.30	1.24	0.65	0.80	0.49	0.14	0.05	0.01	-	-	3.71
90	-	0.01	0.30	0.64	0.96	0.33	0.16	0.11	0.10	0.27	0.20	0.05	-	3.13
100	-	-	0.02	0.03	0.03	-	-	-	-	-	-	-	-	0.09
110	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
120	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
200	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.03	0.04	-	-	0.01	-	-	-	-	-	-	0.09
240	-	-	0.01	0.07	0.03	0.02	-	-	-	-	-	-	-	0.14
250	-	-	0.01	0.06	0.02	0.01	-	0.01	-	-	-	-	-	0.12
260	-	-	0.03	0.06	0.04	0.02	-	-	-	-	-	-	-	0.16
270	-	-	0.04	0.07	0.06	-	-	-	-	-	-	-	-	0.18
280	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
290	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.49	1.51	2.83	1.58	1.56	1.28	0.53	0.41	0.22	0.05	-	10.49



## UGKO Wind direction and Wind Gust speed (April, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 4.06%).

The maximum wind speed (66-70 knots) corresponds to the Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.05%).

The direction of maximum wind gusts is 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

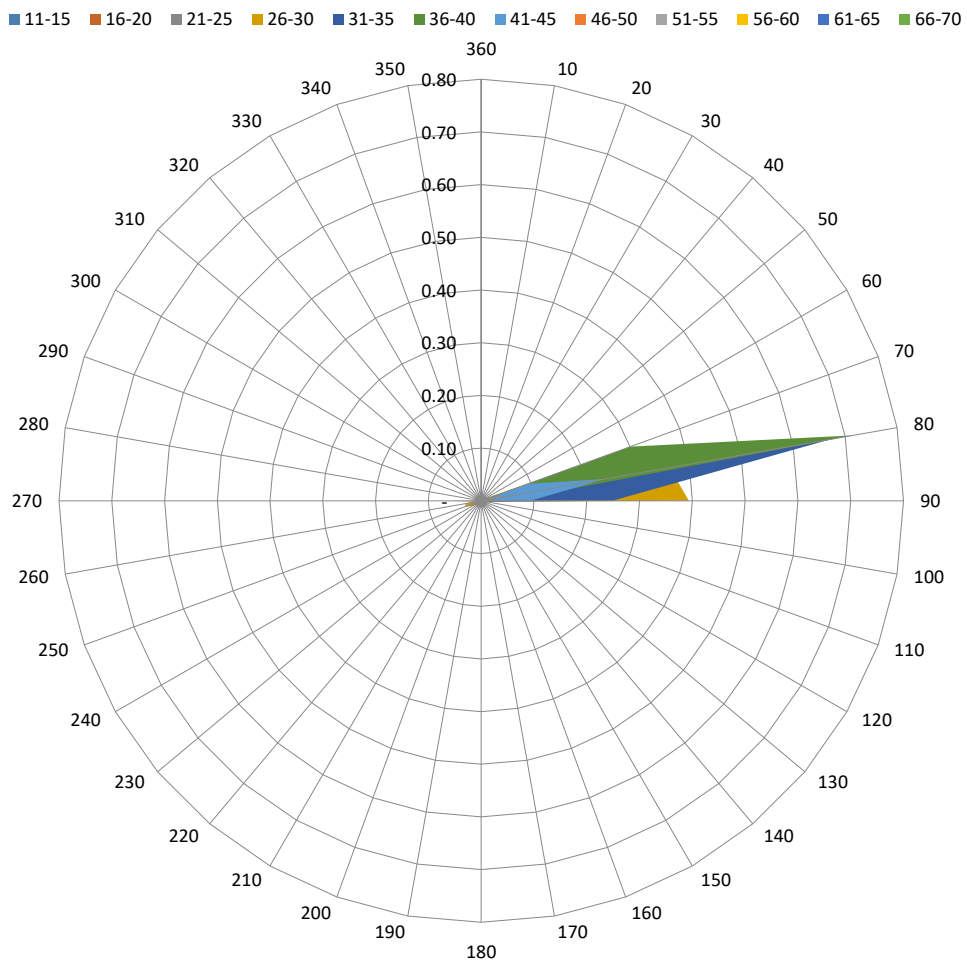
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES														
WIND DIRECTION	WIND GUST SPEED (KT)													
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70	TOTAL
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	0.01	-	0.01	-	-	-	-	-	-	-	-	-	0.02
70	-	-	0.02	0.11	0.19	0.30	0.09	0.01	-	-	-	-	-	0.72
80	-	-	0.05	0.36	0.67	0.71	0.24	0.05	-	-	-	-	-	2.09
90	-	0.01	0.16	0.39	0.25	0.05	0.09	0.01	-	-	-	-	-	0.96
100	-	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.02
110	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	0.02
120	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
130	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
240	-	-	-	0.02	-	0.02	0.01	-	-	-	-	-	-	0.05
250	-	-	-	0.03	0.03	0.01	-	-	-	-	-	-	-	0.07
260	-	-	0.01	0.03	-	-	-	-	-	-	-	-	-	0.04
270	-	-	0.06	0.01	-	-	-	-	-	-	-	-	-	0.07
280	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.33	1.04	1.15	1.10	0.43	0.07	-	-	-	-	-	4.15

## UGKO Wind direction and Wind Gust speed (May, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.51%).

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.07%).

The directions of maximum wind gusts are 070°, 080° and 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

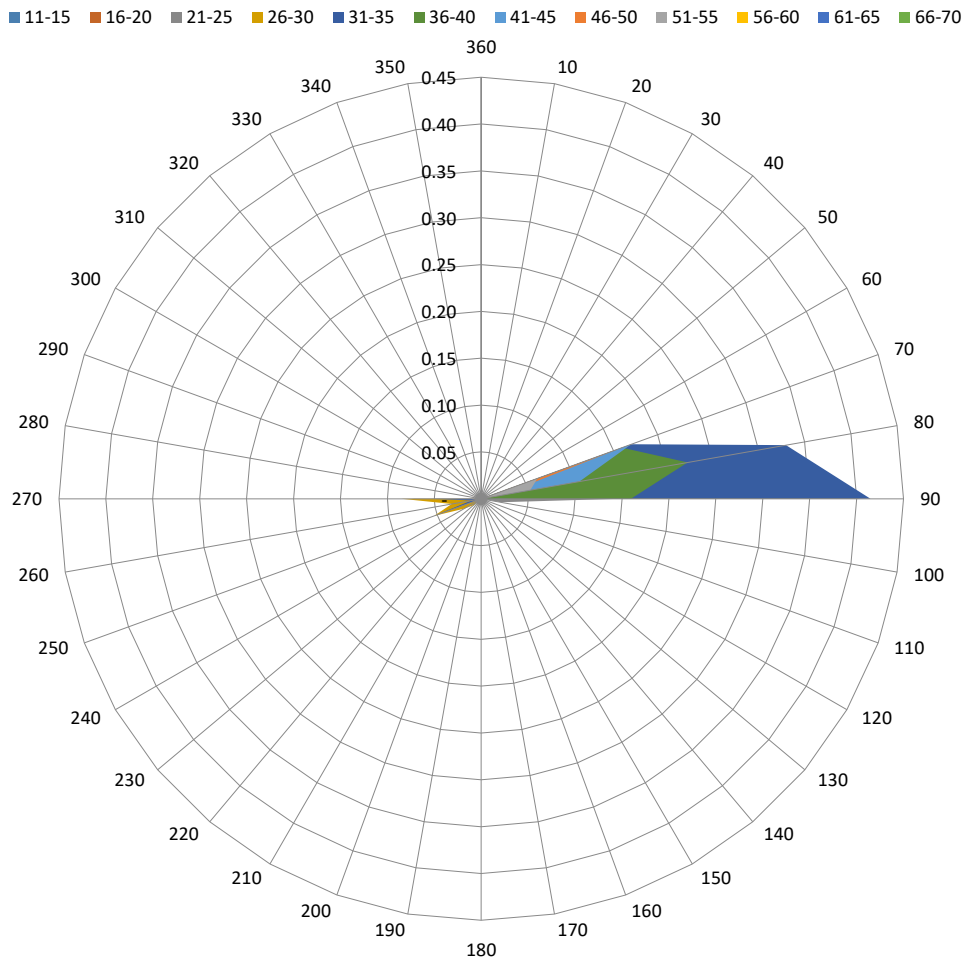
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.12	0.17	0.16	0.17	0.16	0.06	-	-	-	-	0.84
80	-	-	0.03	0.24	0.33	0.22	0.11	0.02	0.05	-	-	-	-	1.01
90	-	0.01	0.15	0.40	0.41	0.16	-	-	-	-	-	-	-	1.14
100	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.01	0.01	-	-	-	-	-	-	-	-	-	0.02
240	-	-	0.01	0.02	-	-	-	-	-	-	-	-	-	0.03
250	-	-	0.02	0.05	0.05	-	-	-	-	-	-	-	-	0.13
260	-	-	0.02	0.03	0.01	-	-	0.01	-	-	-	-	-	0.07
270	-	-	0.07	0.09	0.05	-	-	-	-	-	-	-	-	0.21
280	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.34	0.97	1.03	0.54	0.28	0.19	0.12	-	-	-	-	3.49

## UGKO Wind direction and Wind Gust speed (June, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.58%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.12%).

The direction of maximum wind gusts is 070° and 080°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

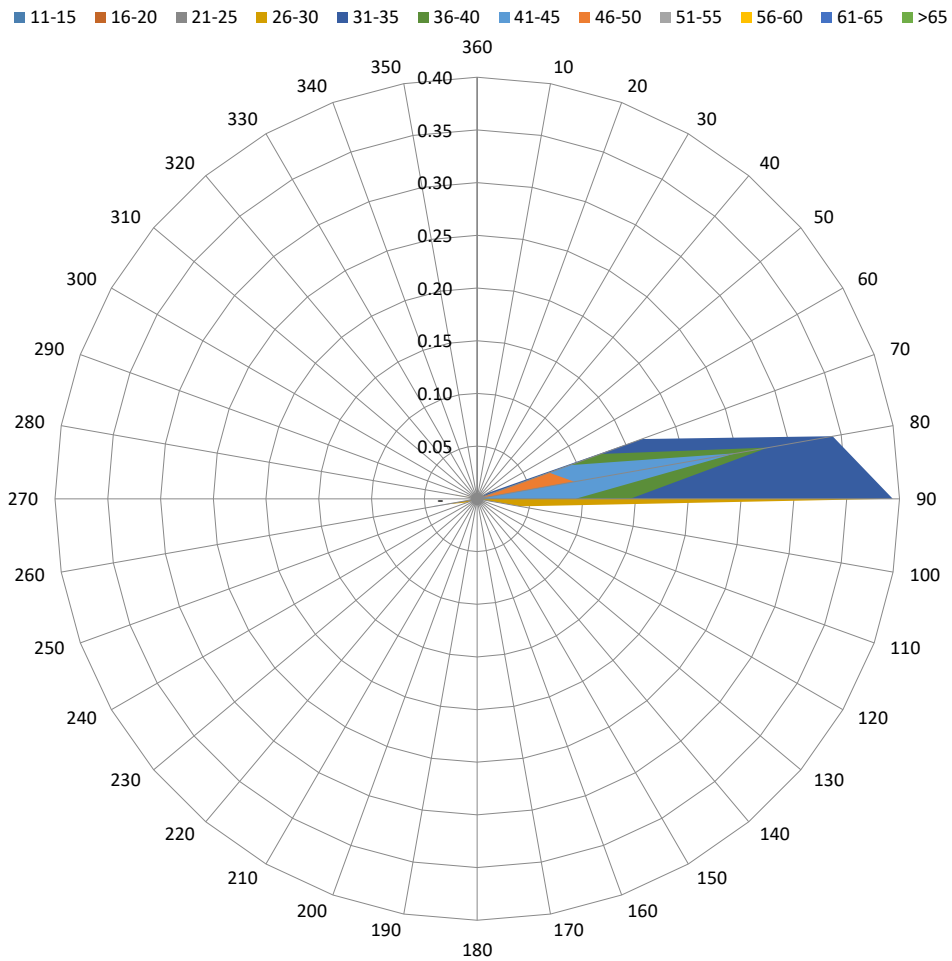
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
70	-	-	-	0.09	0.17	0.12	0.09	0.07	-	-	-	-	-	0.55
80	-	-	-	0.06	0.34	0.28	0.25	0.09	0.01	-	-	-	-	1.04
90	-	0.08	0.16	0.39	0.39	0.15	0.09	-	-	-	-	-	-	1.26
100	-	-	0.01	0.04	-	-	-	-	-	-	-	-	-	0.05
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.02
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
260	-	-	-	0.03	0.04	-	-	-	-	-	-	-	-	0.07
270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
290	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	0.02
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.09	0.18	0.66	0.96	0.55	0.44	0.17	0.01	-	-	-	-	3.06

## UGKO Wind direction and Wind Gust speed (July, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.61%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 080°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

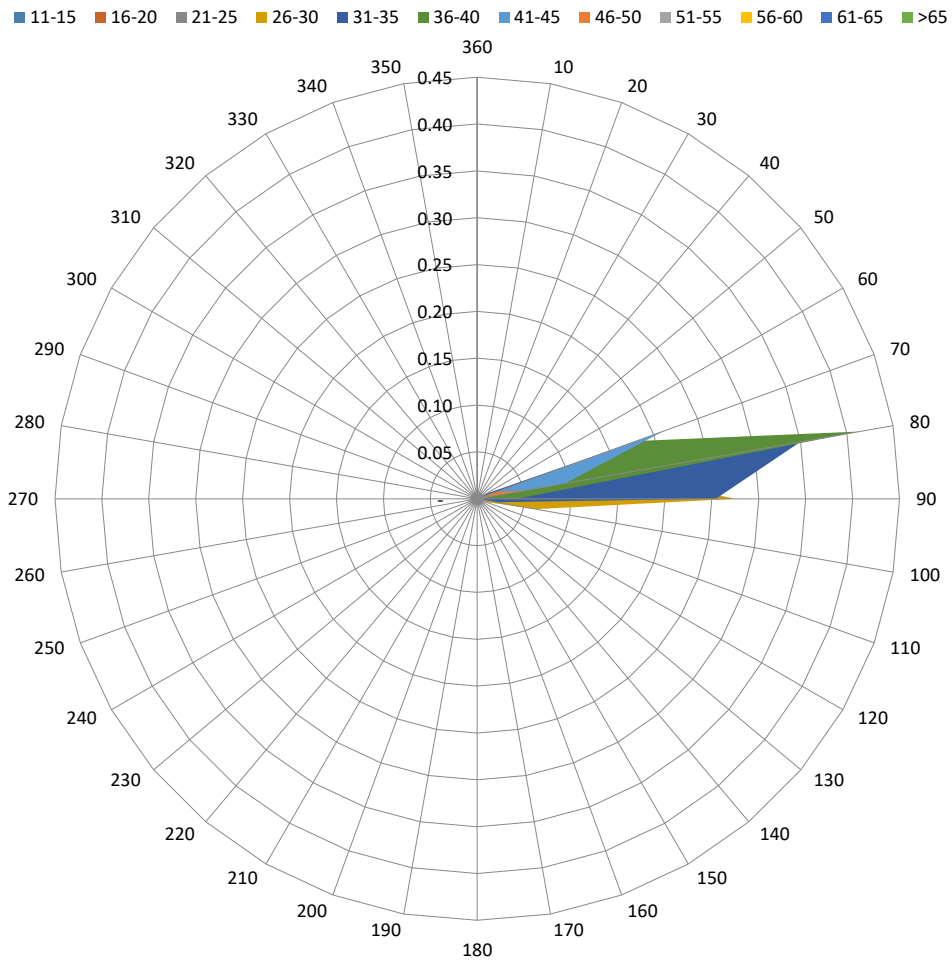
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
70	-	-	0.03	0.06	0.15	0.18	0.21	0.02	-	-	-	-	-	0.66
80	-	-	0.04	0.15	0.35	0.41	0.10	0.05	0.01	-	-	-	-	1.11
90	-	-	0.13	0.28	0.25	0.04	-	-	-	-	-	-	-	0.70
100	-	-	0.02	0.06	0.02	-	-	-	-	-	-	-	-	0.11
110	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
120	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	0.02
130	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	0.01	-	-	0.01	-	-	-	-	-	-	-	-	0.02
250	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
260	-	-	-	-	0.01	0.01	-	-	-	-	-	-	-	0.02
270	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.26	0.57	0.81	0.65	0.31	0.07	0.01	-	-	-	-	2.71



## UGKO Wind direction and Wind Gust speed (August, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.39%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 080°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

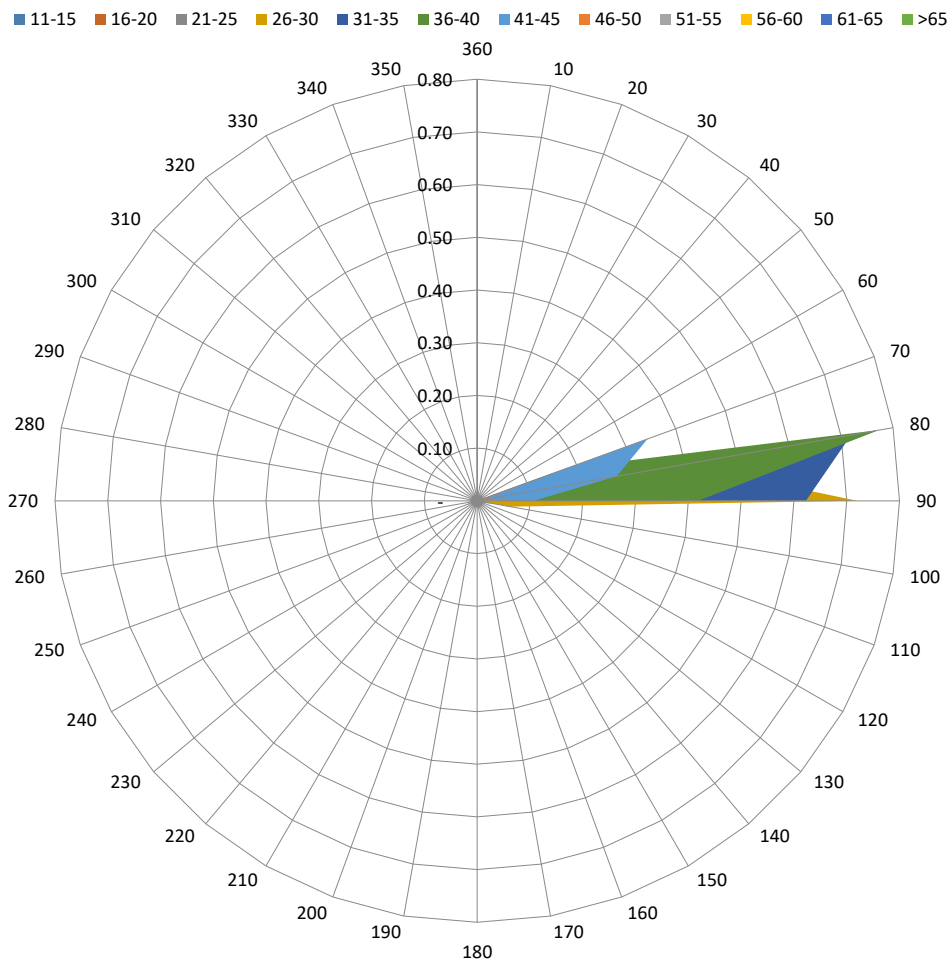
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.03	0.15	0.18	0.34	0.15	0.02	-	-	-	-	0.88
80	-	-	0.06	0.40	0.72	0.77	0.27	0.01	-	-	-	-	-	2.23
90	-	-	0.15	0.72	0.62	0.42	0.11	0.09	0.04	0.13	-	-	-	2.28
100	-	-	0.03	0.06	-	-	-	-	-	-	-	-	-	0.10
110	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	0.02
250	-	-	0.01	0.02	0.02	-	-	-	-	-	-	-	-	0.05
260	-	-	0.01	0.01	-	-	-	-	-	-	-	-	-	0.02
270	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.30	1.27	1.51	1.37	0.73	0.25	0.06	0.13	-	-	-	5.65

## UGKO Wind direction and Wind Gust speed (September, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.17%).

The maximum wind speed (56-60 knots) corresponds to the Violent Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.13%).

The direction of maximum wind gusts is 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

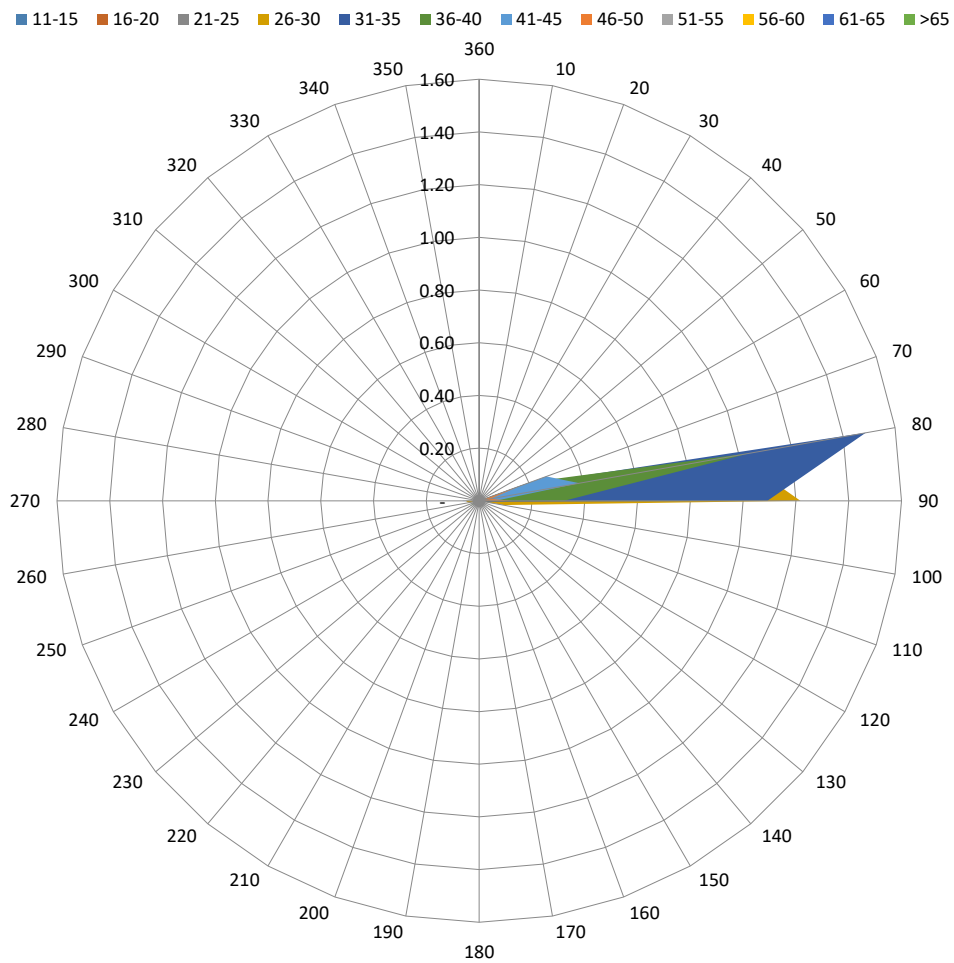
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	0.01	0.07	0.18	0.21	0.27	0.17	0.02	-	-	-	-	0.93
80	-	-	0.06	0.99	1.49	1.04	0.38	0.04	0.01	-	-	-	-	4.01
90	-	0.02	0.10	1.22	1.09	0.32	0.06	0.12	0.03	-	-	-	-	2.97
100	-	-	0.05	0.09	0.02	-	-	-	-	-	-	-	-	0.17
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	0.01	-	0.01	-	-	-	-	-	-	-	0.02
240	-	-	-	-	0.01	0.04	-	-	-	-	-	-	-	0.05
250	-	-	0.01	0.01	0.05	0.02	0.01	-	-	-	-	-	-	0.10
260	-	-	0.02	0.04	-	-	-	-	-	-	-	-	-	0.06
270	-	-	0.01	0.05	0.06	0.02	-	-	-	-	-	-	-	0.15
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.27	2.52	2.90	1.66	0.73	0.33	0.06	-	-	-	-	8.50

## UGKO Wind direction and Wind Gust speed (October, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.12%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.06%).

The directions of maximum wind gusts are 070°, 080° and 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

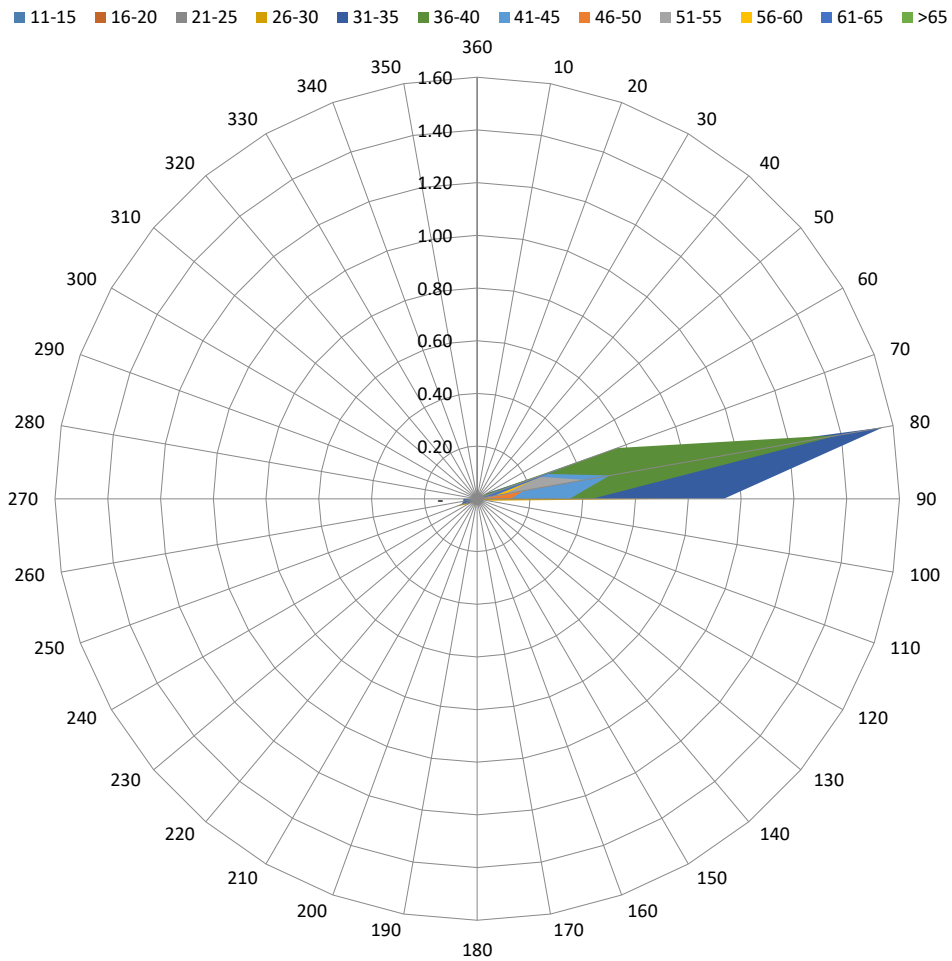
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.04	0.03	0.01	-	-	-	-	-	-	0.08
70	-	-	0.01	0.04	0.31	0.56	0.28	0.11	0.24	0.28	0.39	0.02	-	2.24
80	-	-	0.04	0.37	1.56	1.39	0.51	0.18	0.41	0.11	0.06	0.01	-	4.65
90	-	-	0.08	0.80	0.93	0.44	0.35	0.13	0.02	-	-	-	-	2.75
100	-	-	0.02	0.04	-	-	-	-	-	-	-	-	-	0.06
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	0.01	0.01	0.02	-	-	-	-	-	-	-	-	-	0.04
240	-	-	-	0.04	0.03	-	-	-	-	-	-	-	-	0.07
250	-	-	0.05	0.08	0.06	0.02	-	-	-	-	-	-	-	0.22
260	-	-	0.02	0.03	0.05	0.03	0.01	0.01	-	-	-	-	-	0.16
270	-	-	0.02	0.02	0.05	0.01	0.02	-	-	-	-	-	-	0.13
280	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
290	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.30	1.45	3.05	2.48	1.18	0.42	0.68	0.38	0.46	0.03	-	10.45

## UGKO Wind direction and Wind Gust speed (November, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 3.15%).

The maximum wind speed (66-70 knots) corresponds to the Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.03%).

The direction of maximum wind gusts is 070° and 080°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

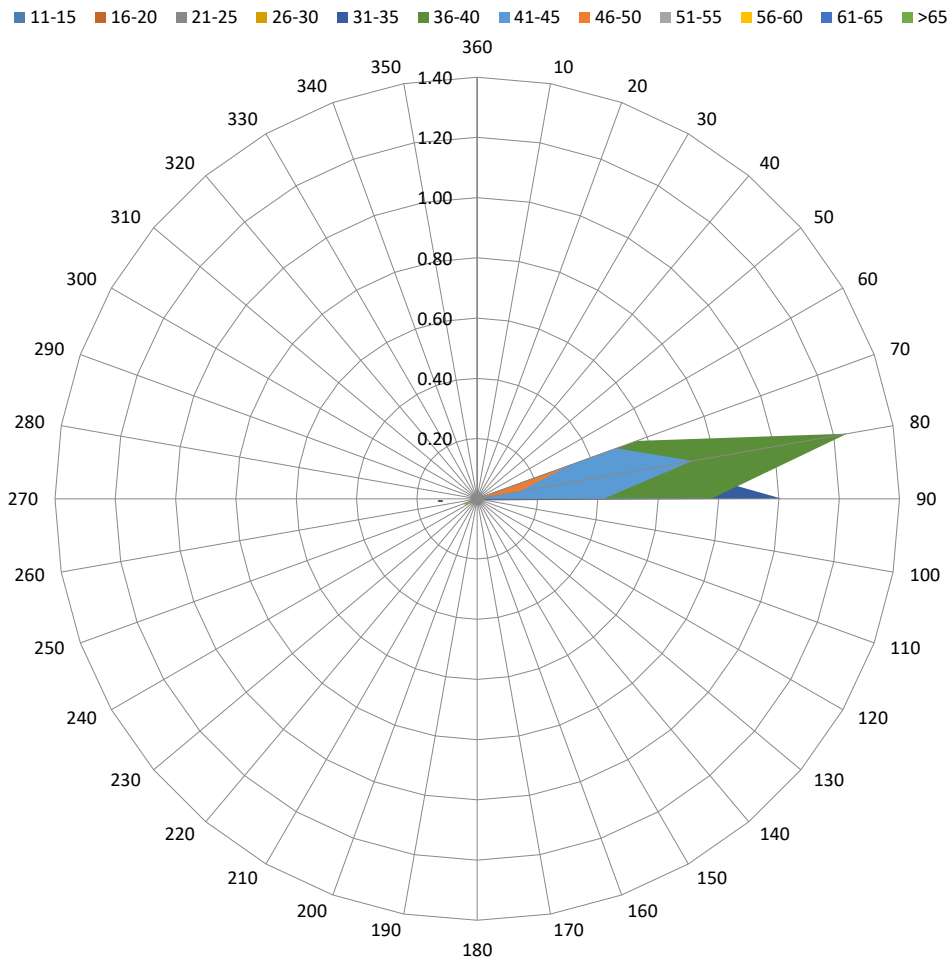
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.01	0.01	-	-	-	-	-	-	-	0.02
70	-	-	-	0.06	0.24	0.56	0.49	0.33	0.20	-	-	-	-	1.89
80	-	-	0.05	0.55	0.63	1.25	0.72	0.14	-	-	-	-	-	3.35
90	-	0.03	0.15	0.68	1.01	0.78	0.42	-	-	-	-	-	-	3.07
100	-	-	0.01	0.02	0.03	-	-	-	-	-	-	-	-	0.06
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.03	0.01	0.01	0.01	-	-	-	-	-	-	-	0.06
240	-	-	0.01	0.04	-	0.02	-	-	-	-	-	-	-	0.07
250	-	-	0.02	0.05	0.05	-	-	-	-	-	-	-	-	0.12
260	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
270	-	-	0.01	0.02	-	-	-	-	-	-	-	-	-	0.03
280	-	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.02
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.30	1.46	2.00	2.62	1.63	0.47	0.20	-	-	-	-	8.72



## UGKO Wind direction and Wind Gust speed (December, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.31%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.24%).

The direction of maximum wind gusts is 070°.

# WIND SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 28152

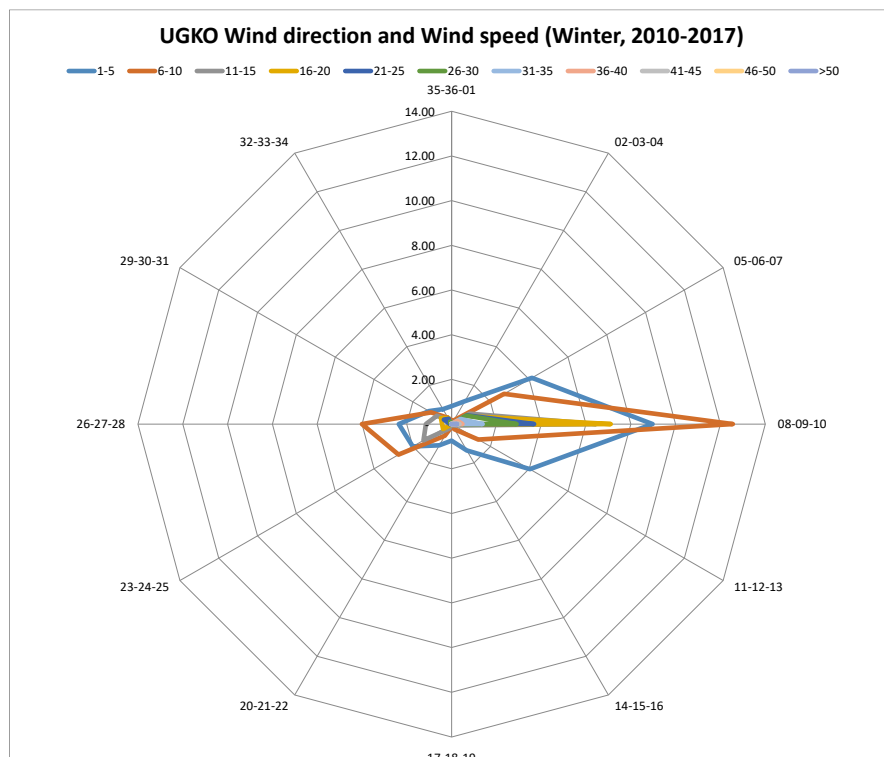
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												4.81
VARIABLE	6.70	0.22	-	0.01	-	-	-	-	-	-	-	6.92
35-36-01	0.80	0.18	0.01	-	-	-	-	-	-	-	-	0.98
02-03-04	1.19	0.19	-	-	-	-	-	-	-	-	-	1.38
05-06-07	4.15	2.71	0.93	0.73	0.79	0.77	0.46	0.31	0.07	-	-	10.90
08-09-10	8.97	12.55	6.45	7.10	3.68	2.90	1.39	0.48	0.35	0.16	0.23	44.27
11-12-13	4.03	1.38	0.12	0.05	0.01	-	-	-	-	-	-	5.60
14-15-16	1.36	0.27	-	0.01	0.00	-	-	-	-	-	-	1.65
17-18-19	0.74	0.12	0.01	-	-	-	-	-	-	-	-	0.88
20-21-22	1.10	0.60	0.24	0.02	-	-	-	-	-	-	-	1.96
23-24-25	2.00	2.73	1.45	0.44	0.03	-	-	-	-	-	-	6.66
26-27-28	2.35	4.00	1.15	0.42	0.07	0.00	-	-	-	-	-	8.00
29-30-31	1.16	1.05	0.75	0.55	0.40	0.06	0.02	-	-	-	-	4.00
32-33-34	0.77	0.32	0.17	0.32	0.27	0.11	0.02	-	-	-	-	1.98
<b>TOTAL</b>	<b>35.33</b>	<b>26.32</b>	<b>11.28</b>	<b>9.65</b>	<b>5.26</b>	<b>3.84</b>	<b>1.89</b>	<b>0.79</b>	<b>0.42</b>	<b>0.16</b>	<b>0.23</b>	<b>100</b>



**CALM**  
4.81%

**VARIABLE**  
6.92%

The prevailing wind directions of 080°-100° frequency of occurrence is 44.27%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 61.65%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.23%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

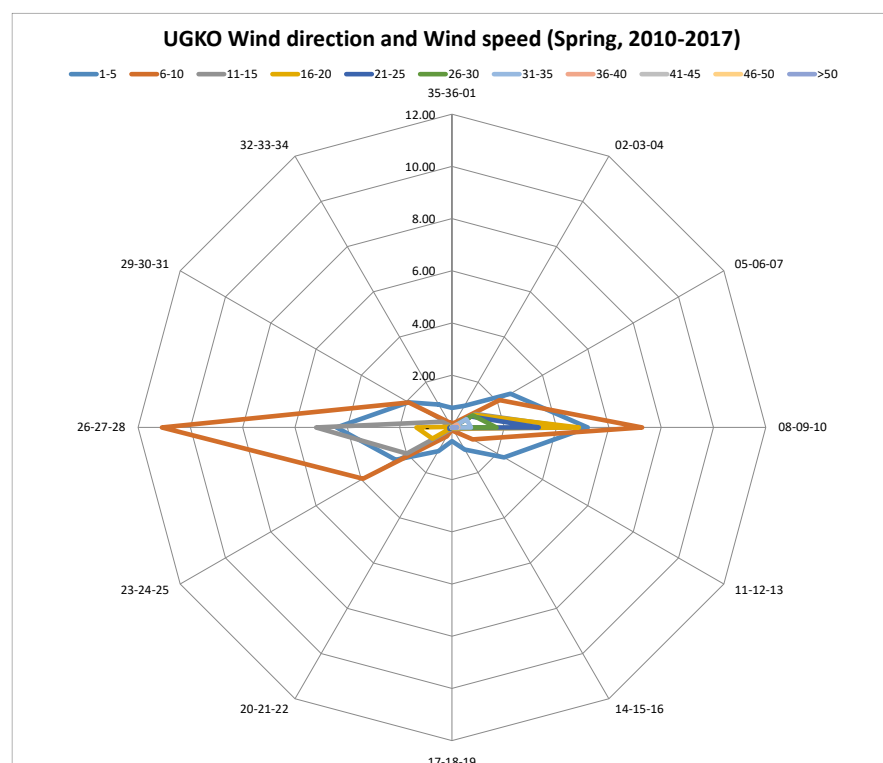
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												5.37
VARIABLE	10.04	0.73	0.02	0.01	-	-	-	-	-	-	-	10.80
35-36-01	0.75	0.16	0.01	0.00	-	-	-	-	-	-	-	0.93
02-03-04	0.95	0.21	0.02	0.00	-	-	-	-	-	-	-	1.19
05-06-07	2.58	2.10	1.04	0.96	0.84	0.92	0.64	0.21	0.01	-	-	9.30
08-09-10	5.19	7.27	4.56	4.86	3.32	1.70	0.73	0.24	0.20	0.21	0.20	28.47
11-12-13	2.30	0.92	0.12	0.06	-	-	-	-	-	-	-	3.40
14-15-16	0.98	0.18	0.02	0.01	-	-	-	-	-	-	-	1.18
17-18-19	0.53	0.09	0.00	-	-	-	-	-	-	-	-	0.62
20-21-22	1.05	0.39	0.09	0.01	-	-	-	-	-	-	-	1.54
23-24-25	2.48	3.93	2.00	0.86	0.11	0.02	-	-	-	-	-	9.41
26-27-28	4.41	11.09	5.19	1.36	0.09	0.03	-	-	-	-	-	22.17
29-30-31	1.93	1.91	0.44	0.05	-	-	-	-	-	-	-	4.32
32-33-34	1.01	0.23	0.05	0.01	-	-	-	-	-	-	-	1.30
TOTAL	34.21	29.20	13.56	8.19	4.36	2.67	1.37	0.45	0.21	0.21	0.20	100



**CALM**  
5.37%

**VARIABLE**  
10.80%

The prevailing wind directions of 080°-100° frequency of occurrence is 28.47%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 63.41%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.20%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

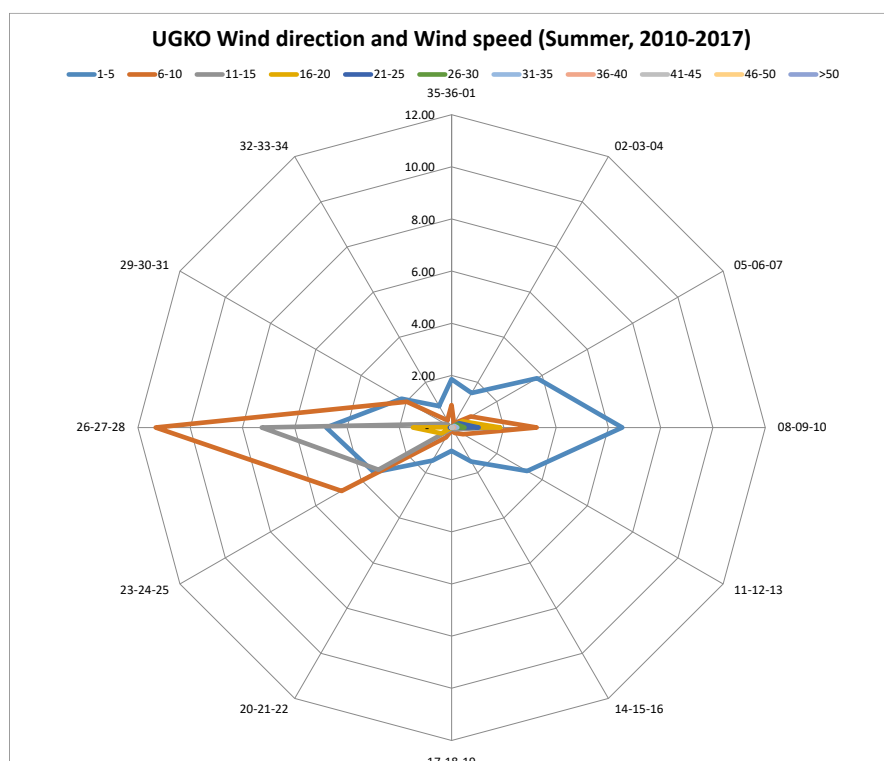
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												7.83
VARIABLE	14.35	0.51	0.03	-	-	-	-	-	-	-	-	14.89
35-36-01	1.85	0.86	0.01	-	-	-	-	-	-	-	-	2.73
02-03-04	1.53	0.19	0.01	0.01	-	-	-	-	-	-	-	1.73
05-06-07	3.78	0.85	0.29	0.48	0.33	0.24	0.12	0.02	-	-	-	6.12
08-09-10	6.53	3.26	1.70	1.86	1.04	0.49	0.22	0.09	0.03	-	-	15.22
11-12-13	3.34	0.51	0.13	0.01	0.00	-	-	-	-	-	-	3.98
14-15-16	1.51	0.24	0.01	0.01	0.00	0.00	-	-	-	-	-	1.78
17-18-19	0.89	0.11	0.01	-	-	-	-	-	-	-	-	1.01
20-21-22	1.46	0.44	0.08	-	-	-	-	-	-	-	-	1.98
23-24-25	3.43	4.86	3.23	0.45	0.01	-	-	-	-	-	-	11.98
26-27-28	4.80	11.33	7.26	1.48	0.07	0.01	-	-	-	-	-	24.94
29-30-31	2.21	1.98	0.28	0.03	-	-	-	-	-	-	-	4.50
32-33-34	0.95	0.32	0.03	-	-	-	-	-	-	-	-	1.31
TOTAL	46.64	25.43	13.08	4.33	1.46	0.74	0.34	0.12	0.03	-	-	100



The prevailing wind directions of 260°-280° frequency of occurrence is 24.94%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 72.07%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30576

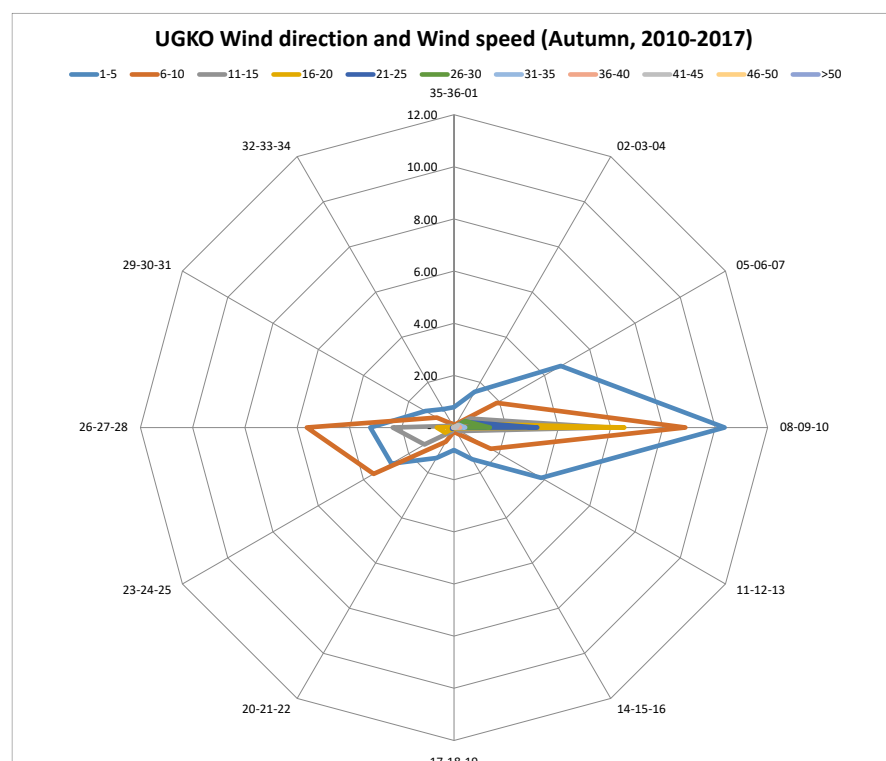
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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												6.43
VARIABLE	10.53	0.38	-	-	-	-	-	-	-	-	-	10.91
35-36-01	0.78	0.11	0.01	-	-	-	-	-	-	-	-	0.91
02-03-04	1.58	0.16	0.01	-	-	-	-	-	-	-	-	1.76
05-06-07	4.72	1.90	0.69	0.31	0.43	0.49	0.21	0.16	0.17	-	-	9.10
08-09-10	10.35	8.85	5.87	6.52	3.19	1.37	0.43	0.23	0.09	-	-	36.90
11-12-13	3.86	1.63	0.27	0.05	0.00	-	-	-	-	-	-	5.81
14-15-16	1.40	0.26	0.02	0.00	-	-	-	-	-	-	-	1.69
17-18-19	0.86	0.16	0.01	0.00	-	-	-	-	-	-	-	1.04
20-21-22	1.35	0.62	0.17	0.03	0.00	-	-	-	-	-	-	2.18
23-24-25	2.76	3.55	1.30	0.39	0.09	0.02	-	-	-	-	-	8.12
26-27-28	3.20	5.63	2.34	0.66	0.07	0.02	0.03	0.01	-	-	-	11.97
29-30-31	1.26	0.76	0.13	0.04	-	-	-	-	-	-	-	2.20
32-33-34	0.82	0.16	0.02	0.00	-	-	-	-	-	-	-	1.01
<b>TOTAL</b>	<b>43.49</b>	<b>24.19</b>	<b>10.86</b>	<b>8.02</b>	<b>3.79</b>	<b>1.90</b>	<b>0.67</b>	<b>0.40</b>	<b>0.26</b>	<b>-</b>	<b>-</b>	<b>100</b>



**CALM**  
6.43%

**VARIABLE**  
10.91%

The prevailing wind directions of 080°-100° frequency of occurrence is 36.90%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 67.68%).

The maximum wind of 41-45 knots is observed within the 050°-070° and 080°-100° sectors (frequency of occurrence 0.26%).

## WIND GUST SPEED AND DIRECTION PER SEASON

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 28152

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

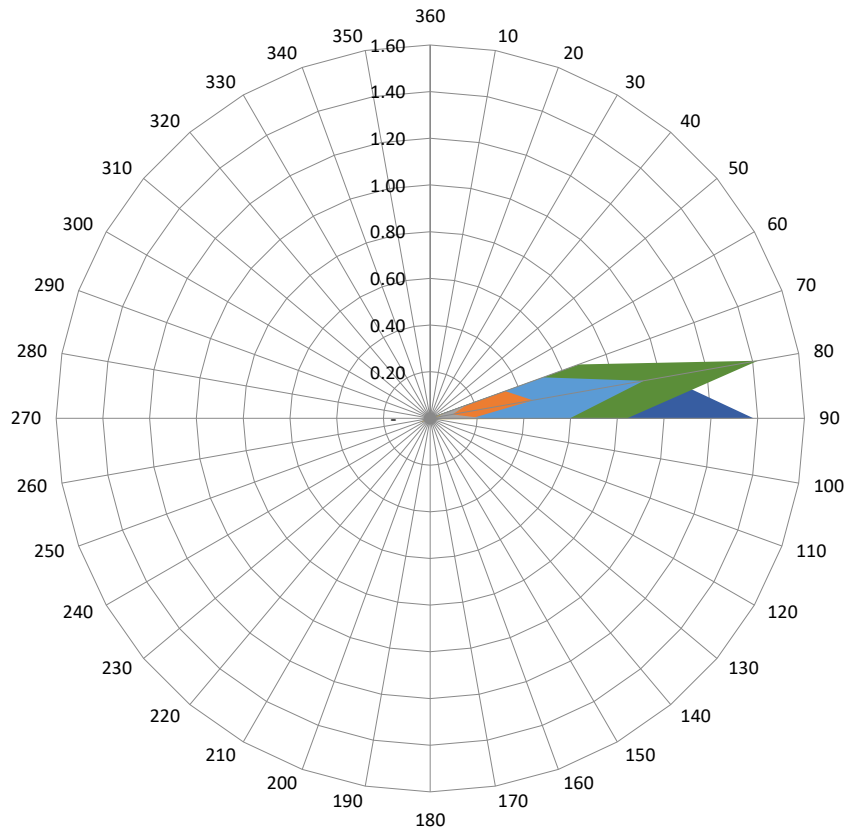
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	0.00	-	0.00	-	-	-	-	-	-	-	0.01
60	-	-	-	0.01	0.01	0.01	0.01	0.00	-	-	-	-	-	0.05
70	-	-	0.01	0.10	0.34	0.68	0.51	0.34	0.16	0.06	-	-	-	2.21
80	-	0.00	0.05	0.49	1.02	1.42	0.93	0.45	0.10	0.03	-	-	-	4.47
90	0.01	0.04	0.70	1.38	1.38	0.84	0.60	0.18	0.23	0.00	-	-	-	5.35
100	-	-	0.01	0.02	0.02	-	0.00	-	-	-	-	-	-	0.06
110	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	0.01
120	-	-	0.00	-	0.00	-	-	-	-	-	-	-	-	0.01
130	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
190	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
220	-	-	0.00	0.01	-	-	-	-	-	-	-	-	-	0.01
230	-	-	0.02	0.02	0.01	0.00	-	-	-	-	-	-	-	0.05
240	-	0.00	0.01	0.02	0.01	0.01	-	-	-	-	-	-	-	0.05
250	-	-	0.02	0.05	0.02	-	-	-	-	-	-	-	-	0.09
260	-	-	0.00	0.01	0.00	0.00	-	-	-	-	-	-	-	0.02
270	-	-	0.02	0.01	0.01	-	-	-	-	-	-	-	-	0.04
280	-	-	-	0.01	0.00	0.01	-	-	-	-	-	-	-	0.02
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.05	0.85	2.15	2.83	2.98	2.05	0.97	0.49	0.09	-	-	-	12.46

## UGKO Wind direction and Wind Gust speed (Winter, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 3.60%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.09%).

The directions of maximum wind gusts are 070°, 080° and 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

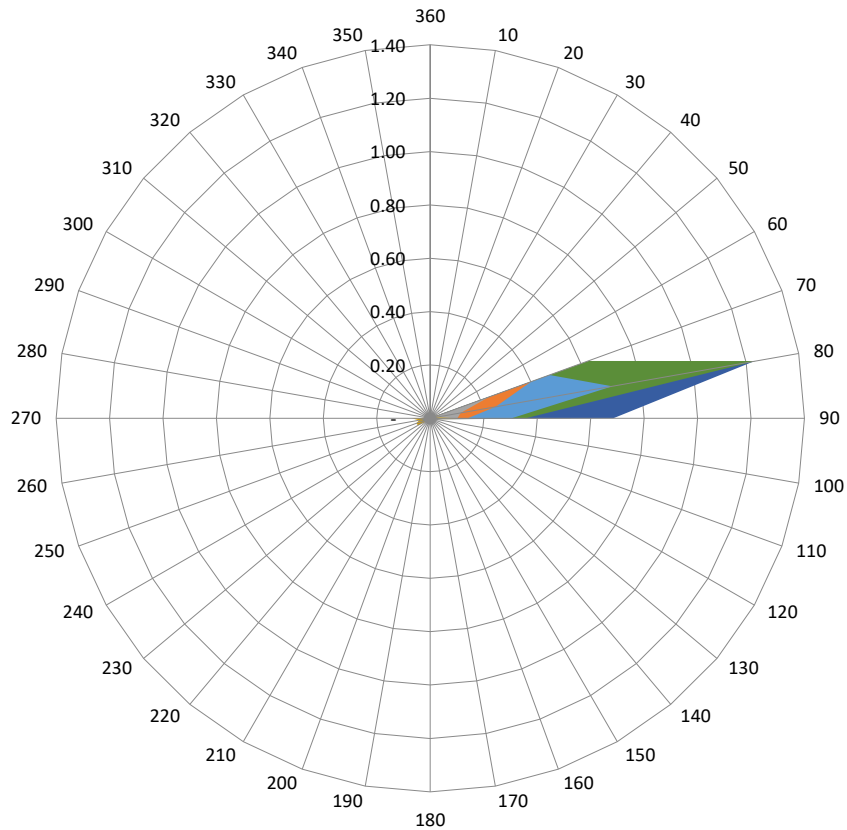
ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
50	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
60	-	0.00	-	0.01	0.00	0.01	0.01	-	-	-	-	-	-	0.03
70	-	-	0.01	0.12	0.39	0.63	0.47	0.40	0.23	0.04	0.00	-	-	2.30
80	-	-	0.03	0.37	1.23	1.24	0.69	0.25	0.12	0.02	0.00	-	-	3.95
90	-	0.01	0.21	0.53	0.68	0.36	0.30	0.14	0.10	0.11	0.07	0.02	-	2.53
100	-	-	0.01	0.02	0.02	-	-	-	-	-	-	-	-	0.05
110	-	0.01	0.00	0.01	-	-	-	-	-	-	-	-	-	0.02
120	-	0.00	0.01	-	-	-	-	-	-	-	-	-	-	0.01
130	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
140	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
150	-	-	-	-	-	0.00	-	-	-	-	-	-	-	0.00
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
190	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
200	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
210	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
220	-	0.00	-	0.00	-	-	-	-	-	-	-	-	-	0.01
230	-	-	0.01	0.02	-	-	0.00	-	-	-	-	-	-	0.03
240	-	-	0.01	0.05	0.01	0.02	0.00	-	-	-	-	-	-	0.10
250	-	-	0.01	0.06	0.03	0.02	-	0.00	-	-	-	-	-	0.12
260	-	-	0.02	0.04	0.02	0.01	-	-	-	-	-	-	-	0.09
270	-	-	0.06	0.07	0.02	-	-	-	-	-	-	-	-	0.15
280	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	0.01
290	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.39	1.33	2.42	2.28	1.48	0.79	0.45	0.17	0.07	0.02	-	9.44



## UGKO Wind direction and Wind Gust speed (Spring, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.99%).

The maximum wind speed (66-70 knots) corresponds to the Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.02%).

The direction of maximum wind gusts is 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

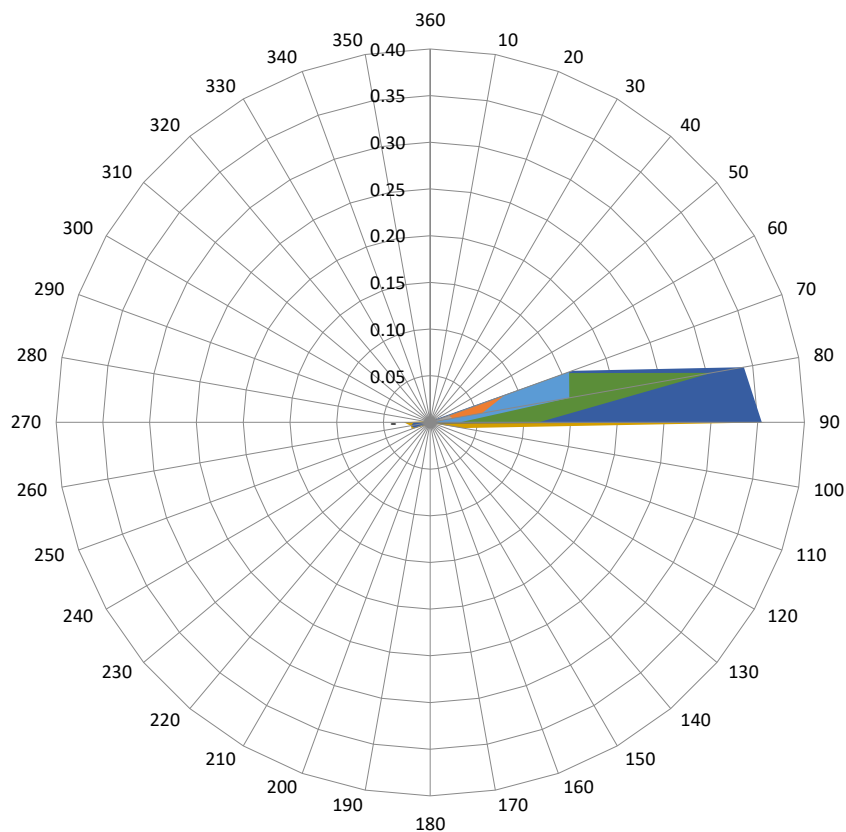
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
70	-	-	0.01	0.09	0.16	0.15	0.16	0.08	0.02	-	-	-	-	0.68
80	-	-	0.02	0.15	0.34	0.31	0.15	0.06	0.02	-	-	-	-	1.05
90	-	0.03	0.14	0.36	0.35	0.12	0.03	-	-	-	-	-	-	1.04
100	-	-	0.02	0.04	0.01	-	-	-	-	-	-	-	-	0.06
110	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
120	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.01
130	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	0.01
240	-	0.00	0.00	0.01	0.00	-	-	-	-	-	-	-	-	0.02
250	-	-	0.01	0.02	0.02	-	-	-	-	-	-	-	-	0.05
260	-	-	0.01	0.02	0.02	0.00	-	0.00	-	-	-	-	-	0.06
270	-	-	0.03	0.03	0.02	-	-	-	-	-	-	-	-	0.08
280	-	0.00	-	0.01	-	-	-	-	-	-	-	-	-	0.01
290	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	0.01
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	0.00	-	-	-	-	-	-	-	-	-	-	-	0.00
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.05	0.26	0.73	0.93	0.58	0.34	0.14	0.05	-	-	-	-	3.08

## UGKO Wind direction and Wind Gust speed (Summer, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.53%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.05%).

The direction of maximum wind gusts are 070° and 080°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30576

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

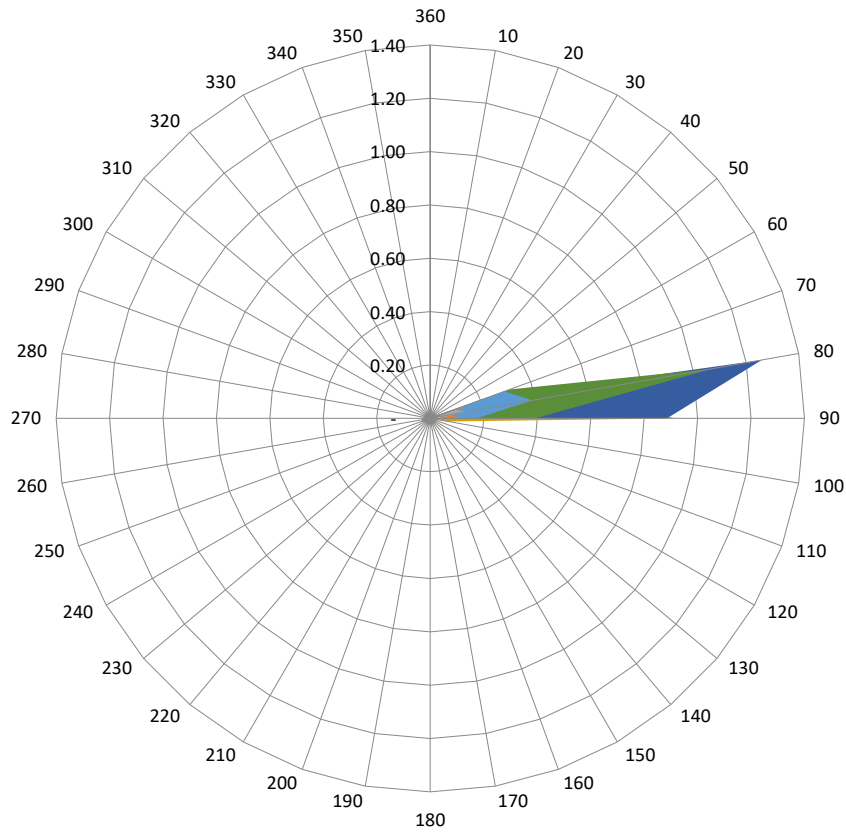
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) 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	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.01	0.01	0.00	-	-	-	-	-	-	0.03
70	-	-	0.01	0.05	0.21	0.32	0.30	0.14	0.10	0.09	0.13	0.01	-	1.35
80	-	-	0.06	0.59	1.26	1.07	0.39	0.08	0.14	0.04	0.02	0.00	-	3.64
90	-	0.01	0.11	0.91	0.89	0.39	0.17	0.11	0.03	0.04	-	-	-	2.67
100	-	-	0.04	0.07	0.01	-	-	-	-	-	-	-	-	0.11
110	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
170	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	0.00	-	-	-	-	-	-	0.00
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	0.00	0.00	0.01	-	0.00	-	-	-	-	-	-	-	0.02
240	-	0.00	0.00	0.01	0.01	0.01	-	-	-	-	-	-	-	0.05
250	-	-	0.02	0.04	0.05	0.01	0.00	-	-	-	-	-	-	0.13
260	-	-	0.02	0.03	0.02	0.01	0.00	0.00	-	-	-	-	-	0.08
270	-	-	0.01	0.03	0.04	0.01	0.01	-	-	-	-	-	-	0.10
280	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
290	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
300	-	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	0.00	-	-	-	-	-	-	-	-	-	-	-	0.00
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.29	1.75	2.49	1.84	0.88	0.34	0.27	0.17	0.15	0.01	-	8.21

## UGKO Wind direction and Wind Gust speed (Autumn, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.81%).

The maximum wind speed (66-70 knots) corresponds to the Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 070° and 080°.

# TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

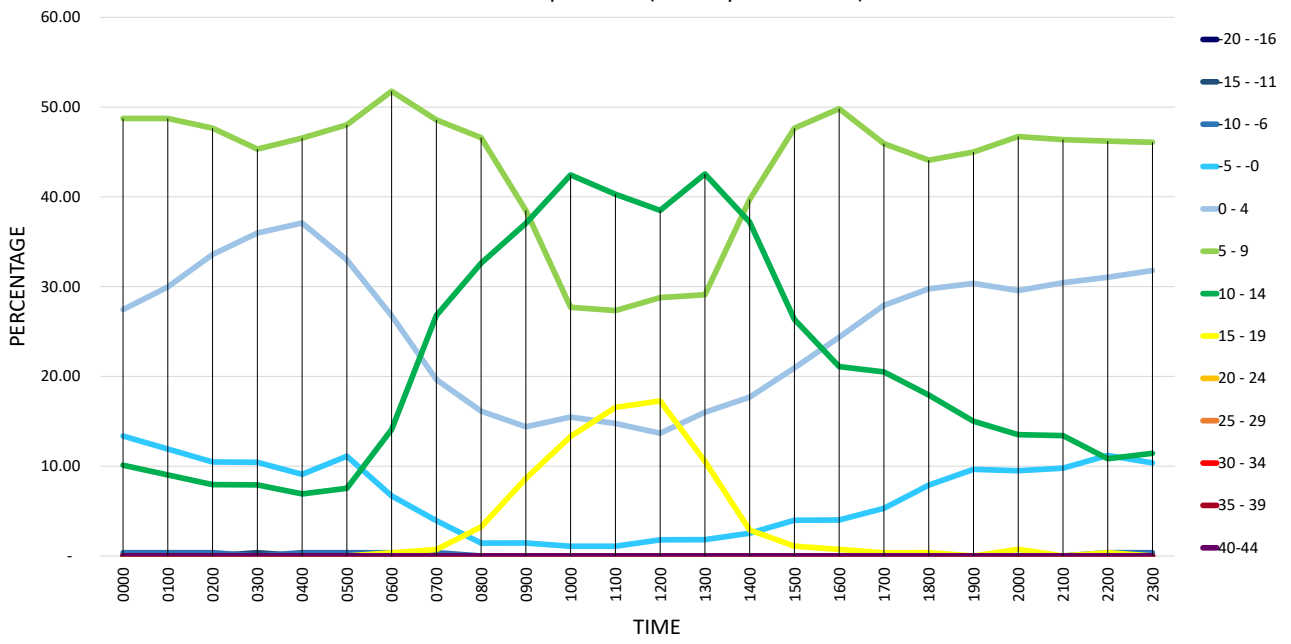
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	0.36	13.36	27.44	48.74	10.11	-	-	-	-	-	-
0100	-	-	0.36	11.91	29.96	48.74	9.03	-	-	-	-	-	-
0200	-	-	0.36	10.47	33.57	47.65	7.94	-	-	-	-	-	-
0300	-	0.36	-	10.43	35.97	45.32	7.91	-	-	-	-	-	-
0400	-	-	0.36	9.09	37.09	46.55	6.91	-	-	-	-	-	-
0500	-	-	0.36	11.11	32.97	48.03	7.53	-	-	-	-	-	-
0600	-	-	0.35	6.69	26.76	51.76	14.08	0.35	-	-	-	-	-
0700	-	-	0.36	3.93	19.64	48.57	26.79	0.71	-	-	-	-	-
0800	-	-	-	1.43	16.13	46.59	32.62	3.23	-	-	-	-	-
0900	-	-	-	1.44	14.39	38.49	37.05	8.63	-	-	-	-	-
1000	-	-	-	1.08	15.47	27.70	42.45	13.31	-	-	-	-	-
1100	-	-	-	1.08	14.75	27.34	40.29	16.55	-	-	-	-	-
1200	-	-	-	1.80	13.67	28.78	38.49	17.27	-	-	-	-	-
1300	-	-	-	1.82	16.00	29.09	42.55	10.55	-	-	-	-	-
1400	-	-	-	2.53	17.69	39.71	37.18	2.89	-	-	-	-	-
1500	-	-	-	3.97	20.94	47.65	26.35	1.08	-	-	-	-	-
1600	-	-	-	4.00	24.36	49.82	21.09	0.73	-	-	-	-	-
1700	-	-	-	5.30	27.92	45.94	20.49	0.35	-	-	-	-	-
1800	-	-	-	7.89	29.75	44.09	17.92	0.36	-	-	-	-	-
1900	-	-	-	9.64	30.36	45.00	15.00	-	-	-	-	-	-
2000	-	-	-	9.49	29.56	46.72	13.50	0.73	-	-	-	-	-
2100	-	-	-	9.78	30.43	46.38	13.41	-	-	-	-	-	-
2200	-	-	0.36	11.19	31.05	46.21	10.83	0.36	-	-	-	-	-
2300	-	-	0.36	10.36	31.79	46.07	11.43	-	-	-	-	-	-
MEAN	-	0.01	0.13	6.66	25.32	43.37	21.29	3.21	-	-	-	-	-

Min temperature -15° to -11° (time 0300 UTC) – 0.36%

Max temperature 15° to 19° (time 1200 UTC) – 17.27%

Mean dominating temperature 5° to 9° – 43.37%

UGKO - Temperature (January 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	0.44	10.96	31.58	39.47	16.23	1.32	-	-	-	-	-
0100	-	-	0.88	10.13	32.16	40.97	14.98	0.88	-	-	-	-	-
0200	-	-	0.87	11.69	31.60	39.39	16.02	0.43	-	-	-	-	-
0300	-	-	0.87	12.12	35.93	35.93	15.15	-	-	-	-	-	-
0400	-	-	0.44	11.45	34.80	38.77	14.54	-	-	-	-	-	-
0500	-	-	0.44	10.18	32.74	37.17	19.03	0.44	-	-	-	-	-
0600	-	-	-	6.61	25.11	40.09	26.43	1.76	-	-	-	-	-
0700	-	-	-	3.11	23.11	37.33	30.22	6.22	-	-	-	-	-
0800	-	-	-	0.43	20.00	33.48	28.70	16.52	0.87	-	-	-	-
0900	-	-	-	-	17.03	27.07	29.26	23.14	3.49	-	-	-	-
1000	-	-	-	-	16.67	25.44	29.39	22.37	6.14	-	-	-	-
1100	-	-	-	0.44	14.85	24.45	29.26	21.83	9.17	-	-	-	-
1200	-	-	-	0.44	13.10	25.76	30.13	19.65	10.48	0.44	-	-	-
1300	-	-	-	0.43	14.29	26.41	30.74	17.75	10.39	-	-	-	-
1400	-	-	-	0.44	17.90	26.20	32.31	18.78	4.37	-	-	-	-
1500	-	-	-	1.32	20.70	34.36	27.31	15.86	0.44	-	-	-	-
1600	-	-	-	2.20	25.11	38.77	24.23	9.69	-	-	-	-	-
1700	-	-	-	4.82	26.32	40.35	21.49	7.02	-	-	-	-	-
1800	-	-	-	5.68	27.51	43.23	17.90	5.68	-	-	-	-	-
1900	-	-	-	7.42	26.64	43.67	18.34	3.93	-	-	-	-	-
2000	-	-	-	7.02	28.07	42.98	19.74	2.19	-	-	-	-	-
2100	-	-	-	8.07	28.25	42.15	19.73	1.79	-	-	-	-	-
2200	-	-	-	10.13	28.63	40.97	18.94	1.32	-	-	-	-	-
2300	-	-	0.44	9.33	30.22	40.89	17.78	1.33	-	-	-	-	-
MEAN	-	-	0.18	5.60	25.10	36.05	22.83	8.33	1.89	0.02	-	-	-

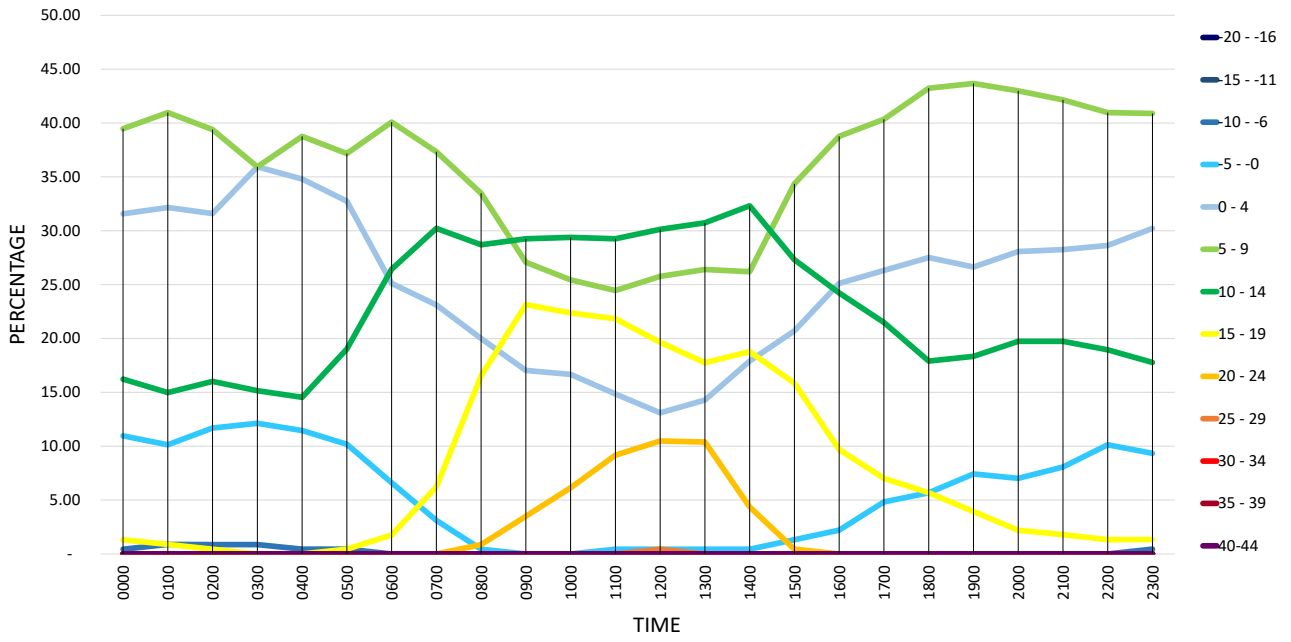
Min temperature -10° to -6° (time 0100 UTC) – 0.88%

Max temperature 25° to 29° (time 1200 UTC) – 0.44%

Mean dominating temperature 5° to 9° – 36.05%



### UGKO - Temperature (February 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

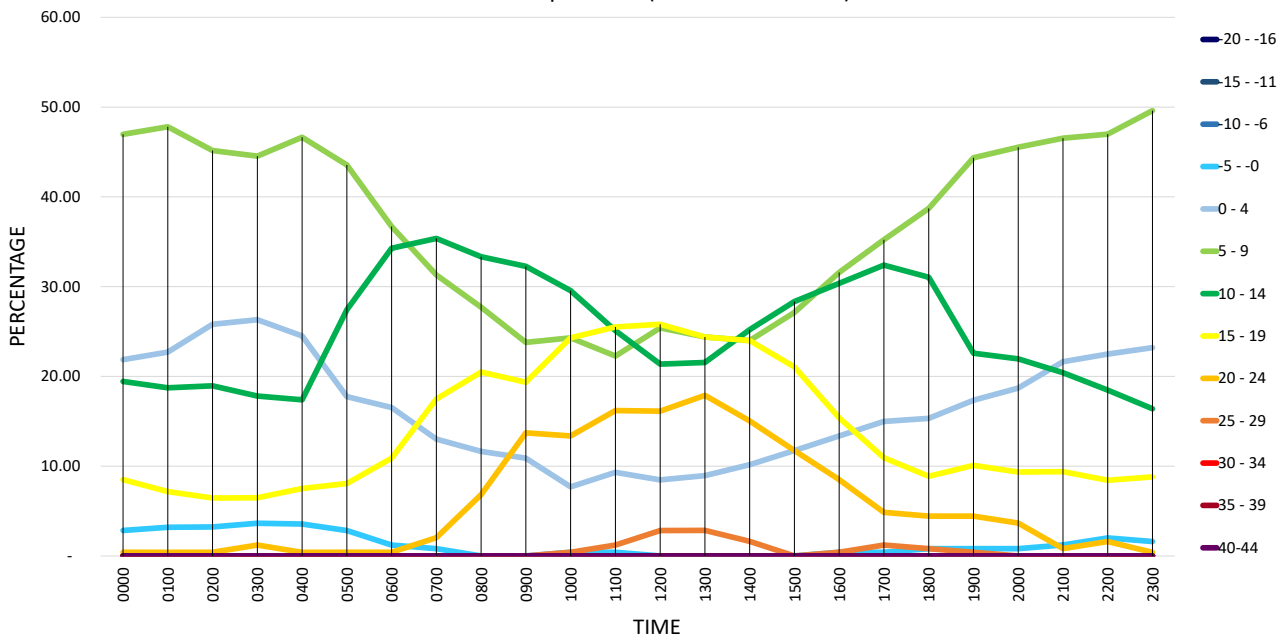
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	2.83	21.86	46.96	19.43	8.50	0.40	-	-	-	-
0100	-	-	-	3.19	22.71	47.81	18.73	7.17	0.40	-	-	-	-
0200	-	-	-	3.23	25.81	45.16	18.95	6.45	0.40	-	-	-	-
0300	-	-	-	3.64	26.32	44.53	17.81	6.48	1.21	-	-	-	-
0400	-	-	-	3.56	24.51	46.64	17.39	7.51	0.40	-	-	-	-
0500	-	-	-	2.82	17.74	43.55	27.42	8.06	0.40	-	-	-	-
0600	-	-	-	1.21	16.53	36.69	34.27	10.89	0.40	-	-	-	-
0700	-	-	-	0.81	13.01	31.30	35.37	17.48	2.03	-	-	-	-
0800	-	-	-	-	11.65	27.71	33.33	20.48	6.83	-	-	-	-
0900	-	-	-	-	10.89	23.79	32.26	19.35	13.71	-	-	-	-
1000	-	-	-	0.40	7.69	24.29	29.55	24.29	13.36	0.40	-	-	-
1100	-	-	-	0.40	9.31	22.27	25.10	25.51	16.19	1.21	-	-	-
1200	-	-	-	-	8.47	25.40	21.37	25.81	16.13	2.82	-	-	-
1300	-	-	-	-	8.94	24.39	21.54	24.39	17.89	2.85	-	-	-
1400	-	-	-	-	10.16	23.98	25.20	23.98	15.04	1.63	-	-	-
1500	-	-	-	-	11.74	27.13	28.34	21.05	11.74	-	-	-	-
1600	-	-	-	0.40	13.36	31.58	30.36	15.38	8.50	0.40	-	-	-
1700	-	-	-	0.40	14.98	35.22	32.39	10.93	4.86	1.21	-	-	-
1800	-	-	-	0.81	15.32	38.71	31.05	8.87	4.44	0.81	-	-	-
1900	-	-	-	0.81	17.34	44.35	22.58	10.08	4.44	0.40	-	-	-
2000	-	-	-	0.81	18.70	45.53	21.95	9.35	3.66	-	-	-	-
2100	-	-	-	1.22	21.63	46.53	20.41	9.39	0.82	-	-	-	-
2200	-	-	-	2.01	22.49	46.99	18.47	8.43	1.61	-	-	-	-
2300	-	-	-	1.60	23.20	49.60	16.40	8.80	0.40	-	-	-	-
MEAN	-	-	-	1.26	16.43	36.67	24.99	14.11	6.05	0.49	-	-	-

Min temperature -5° to -0° (time 0300 UTC) – 3.64%

Max temperature 25° to 29° (time 1300 UTC) – 2.85%

Mean dominating temperature 5° to 9° – 36.67%

### UGKO - Temperature (March 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

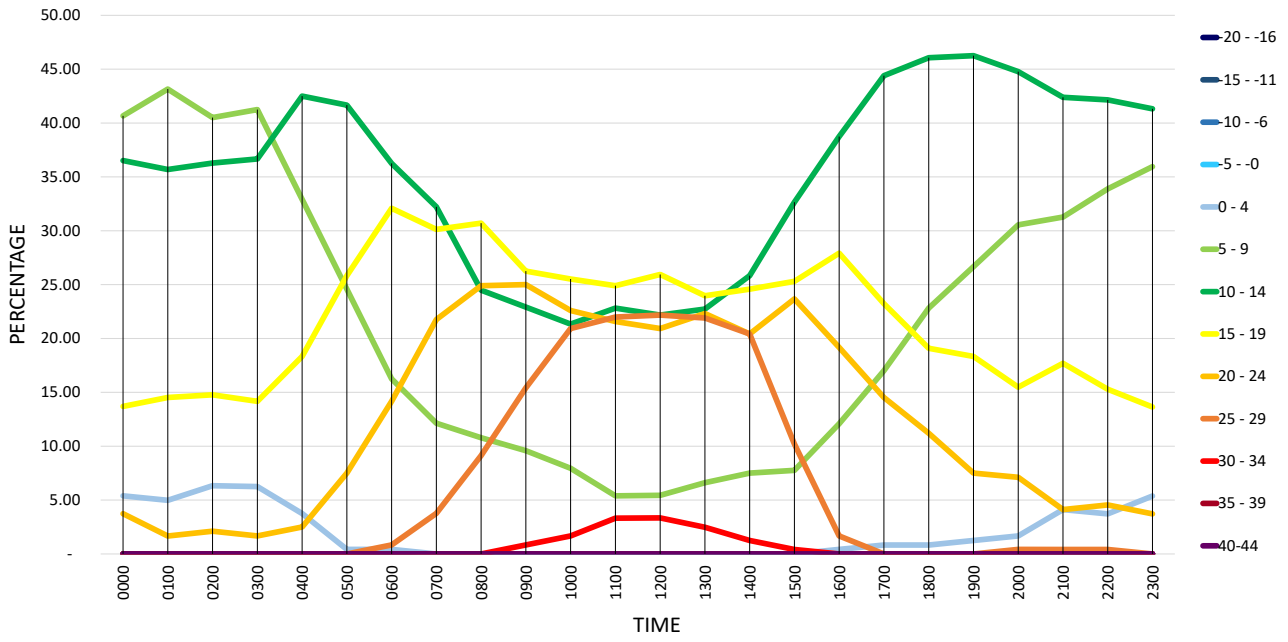
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	5.39	40.66	36.51	13.69	3.73	-	-	-	-	
0100	-	-	-	-	4.98	43.15	35.68	14.52	1.66	-	-	-	-	
0200	-	-	-	-	6.33	40.51	36.29	14.77	2.11	-	-	-	-	
0300	-	-	-	-	6.25	41.25	36.67	14.17	1.67	-	-	-	-	
0400	-	-	-	-	3.75	32.92	42.50	18.33	2.50	-	-	-	-	
0500	-	-	-	-	0.42	24.58	41.67	25.83	7.50	-	-	-	-	
0600	-	-	-	-	0.42	16.25	36.25	32.08	14.17	0.83	-	-	-	
0700	-	-	-	-	-	12.13	32.22	30.13	21.76	3.77	-	-	-	
0800	-	-	-	-	-	10.79	24.48	30.71	24.90	9.13	-	-	-	
0900	-	-	-	-	-	9.58	22.92	26.25	25.00	15.42	0.83	-	-	
1000	-	-	-	-	-	7.95	21.34	25.52	22.59	20.92	1.67	-	-	
1100	-	-	-	-	-	5.39	22.82	24.90	21.58	21.99	3.32	-	-	
1200	-	-	-	-	-	5.44	22.18	25.94	20.92	22.18	3.35	-	-	
1300	-	-	-	-	-	6.61	22.73	23.97	22.31	21.90	2.48	-	-	
1400	-	-	-	-	-	7.50	25.83	24.58	20.42	20.42	1.25	-	-	
1500	-	-	-	-	-	7.76	32.65	25.31	23.67	10.20	0.41	-	-	
1600	-	-	-	-	0.42	12.08	38.75	27.92	19.17	1.67	-	-	-	
1700	-	-	-	-	0.83	17.01	44.40	23.24	14.52	-	-	-	-	
1800	-	-	-	-	0.83	22.82	46.06	19.09	11.20	-	-	-	-	
1900	-	-	-	-	1.25	26.67	46.25	18.33	7.50	-	-	-	-	
2000	-	-	-	-	1.67	30.54	44.77	15.48	7.11	0.42	-	-	-	
2100	-	-	-	-	4.12	31.28	42.39	17.70	4.12	0.41	-	-	-	
2200	-	-	-	-	3.72	33.88	42.15	15.29	4.55	0.41	-	-	-	
2300	-	-	-	-	5.37	35.95	41.32	13.64	3.72	-	-	-	-	
MEAN	-	-	-	-	1.91	21.78	34.95	21.72	12.85	6.24	0.55	-	-	

Min temperature 0° to 4° (time 0000 UTC) – 5.39%

Max temperature 30° to 34° (time 1200 UTC) – 3.35%

Mean dominating temperature 10° to 14° – 34.95%

UGKO - Temperature (April 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

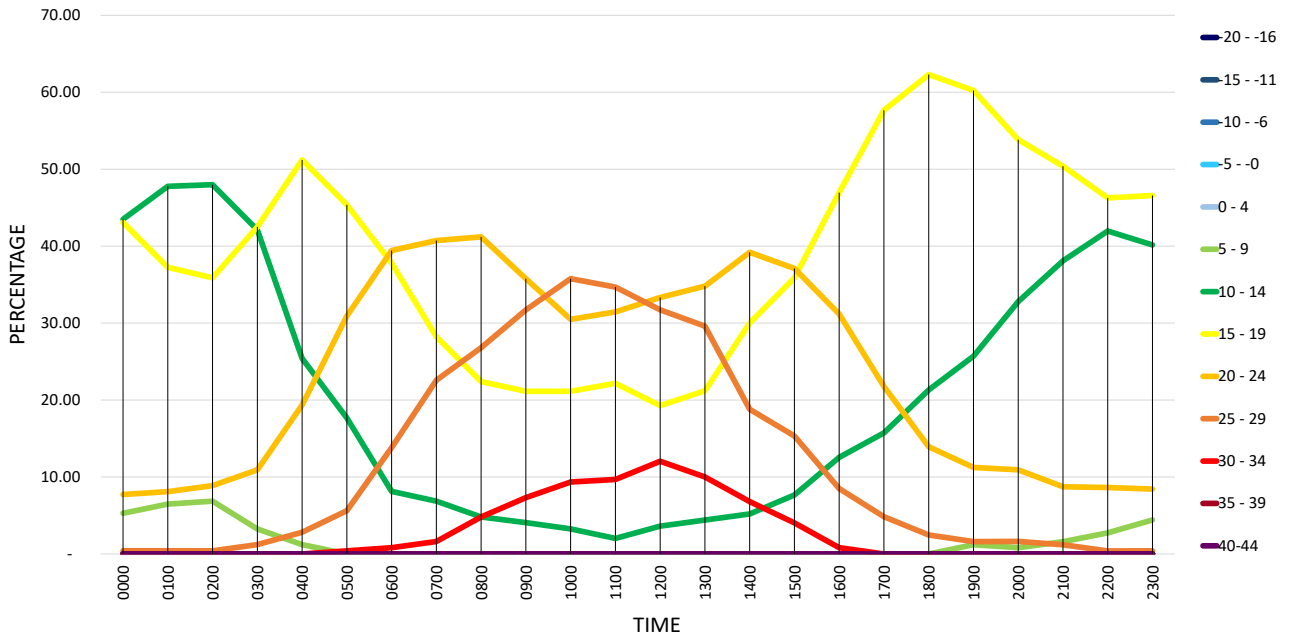
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	5.28	43.50	43.09	7.72	0.41	-	-	-
0100	-	-	-	-	-	6.48	47.77	37.25	8.10	0.40	-	-	-
0200	-	-	-	-	-	6.85	47.98	35.89	8.87	0.40	-	-	-
0300	-	-	-	-	-	3.24	42.11	42.51	10.93	1.21	-	-	-
0400	-	-	-	-	-	1.21	25.40	51.21	19.35	2.82	-	-	-
0500	-	-	-	-	-	-	17.67	45.38	30.92	5.62	0.40	-	-
0600	-	-	-	-	-	-	8.13	37.80	39.43	13.82	0.81	-	-
0700	-	-	-	-	-	-	6.85	28.23	40.73	22.58	1.61	-	-
0800	-	-	-	-	-	-	4.80	22.40	41.20	26.80	4.80	-	-
0900	-	-	-	-	-	-	4.07	21.14	35.77	31.71	7.32	-	-
1000	-	-	-	-	-	-	3.25	21.14	30.49	35.77	9.35	-	-
1100	-	-	-	-	-	-	2.02	22.18	31.45	34.68	9.68	-	-
1200	-	-	-	-	-	-	3.61	19.28	33.33	31.73	12.05	-	-
1300	-	-	-	-	-	-	4.40	21.20	34.80	29.60	10.00	-	-
1400	-	-	-	-	-	-	5.20	30.00	39.20	18.80	6.80	-	-
1500	-	-	-	-	-	-	7.66	35.89	37.10	15.32	4.03	-	-
1600	-	-	-	-	-	-	12.55	46.96	31.17	8.50	0.81	-	-
1700	-	-	-	-	-	-	15.73	57.66	21.77	4.84	-	-	-
1800	-	-	-	-	-	-	21.31	62.30	13.93	2.46	-	-	-
1900	-	-	-	-	-	1.20	25.70	60.24	11.24	1.61	-	-	-
2000	-	-	-	-	-	0.81	32.79	53.85	10.93	1.62	-	-	-
2100	-	-	-	-	-	1.59	38.10	50.40	8.73	1.19	-	-	-
2200	-	-	-	-	-	2.75	41.96	46.27	8.63	0.39	-	-	-
2300	-	-	-	-	-	4.42	40.16	46.59	8.43	0.40	-	-	-
MEAN	-	-	-	-	-	1.41	20.95	39.12	23.51	12.20	2.82	-	-

Min temperature 5° to 9° (time 0200 UTC) – 6.85%

Max temperature 30° to 34° (time 1200 UTC) – 12.05%

Mean dominating temperature 15° to 19° – 39.12%

### UGKO - Temperature (May 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	-	-	7.47	62.24	27.80	2.49	-	-	-
0100	-	-	-	-	-	-	6.69	65.27	25.94	1.67	-	0.42	-
0200	-	-	-	-	-	-	7.02	64.05	27.69	1.24	-	-	-
0300	-	-	-	-	-	-	2.49	54.77	40.25	2.49	-	-	-
0400	-	-	-	-	-	-	-	32.64	58.16	8.79	0.42	-	-
0500	-	-	-	-	-	-	-	13.28	63.07	22.82	0.83	-	-
0600	-	-	-	-	-	-	-	7.92	53.75	35.00	2.92	0.42	-
0700	-	-	-	-	-	-	-	3.72	41.32	45.04	9.50	0.41	-
0800	-	-	-	-	-	-	-	4.58	31.67	47.50	15.83	0.42	-
0900	-	-	-	-	-	-	-	3.33	23.33	54.17	18.75	0.42	-
1000	-	-	-	-	-	-	-	2.09	22.59	51.88	21.76	1.67	-
1100	-	-	-	-	-	-	-	2.50	22.92	48.33	22.08	4.17	-
1200	-	-	-	-	-	-	-	3.38	23.21	50.63	18.57	4.22	-
1300	-	-	-	-	-	-	-	4.15	25.31	53.11	14.52	2.90	-
1400	-	-	-	-	-	-	-	6.58	30.86	48.97	11.11	2.47	-
1500	-	-	-	-	-	-	-	8.68	40.08	45.45	4.96	0.83	-
1600	-	-	-	-	-	-	-	12.92	53.75	30.00	2.92	0.42	-
1700	-	-	-	-	-	-	-	18.75	65.83	14.58	0.83	-	-
1800	-	-	-	-	-	-	-	29.41	60.08	9.24	1.26	-	-
1900	-	-	-	-	-	-	0.84	40.17	53.14	5.44	0.42	-	-
2000	-	-	-	-	-	-	1.23	48.56	45.27	4.94	-	-	-
2100	-	-	-	-	-	-	2.88	53.91	39.09	4.12	-	-	-
2200	-	-	-	-	-	-	4.08	55.92	36.73	3.27	-	-	-
2300	-	-	-	-	-	-	4.98	59.34	33.61	2.07	-	-	-
MEAN	-	-	-	-	-	-	1.57	27.42	39.39	24.72	6.11	0.78	-

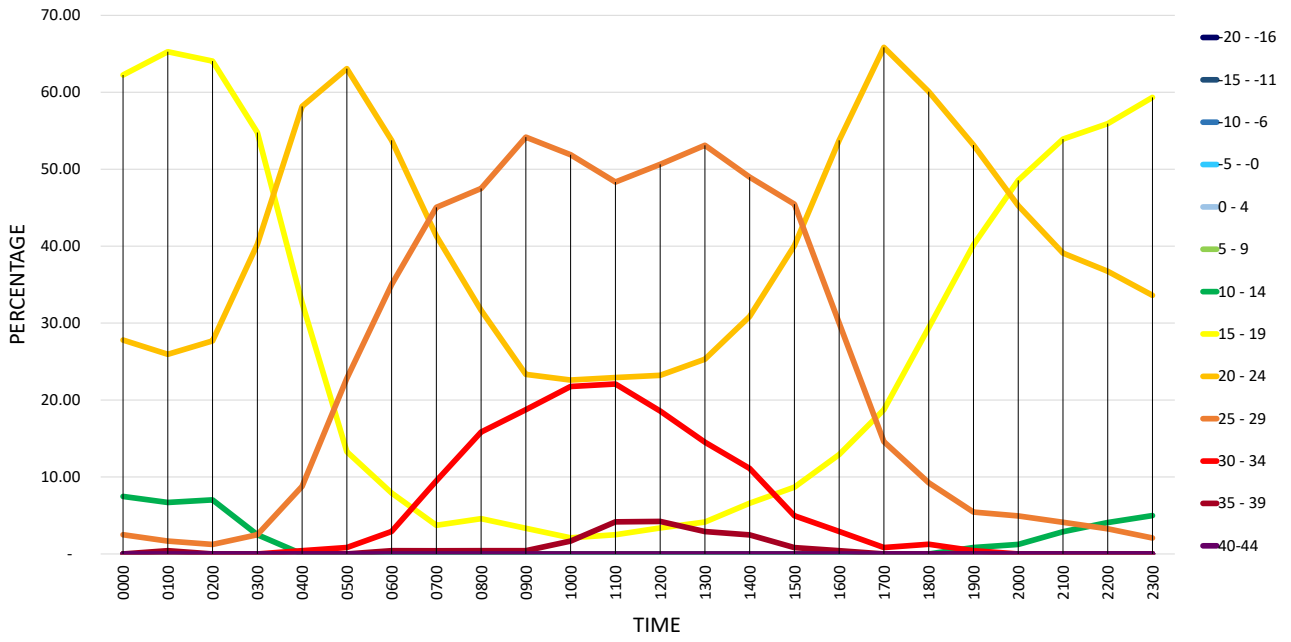
Min temperature 10° to 14° (time 0000 UTC) – 7.47%

Max temperature 35° to 39° (time 1200 UTC) – 4.22%

Mean dominating temperature 20° to 24° – 39.39%



UGKO - Temperature (June 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

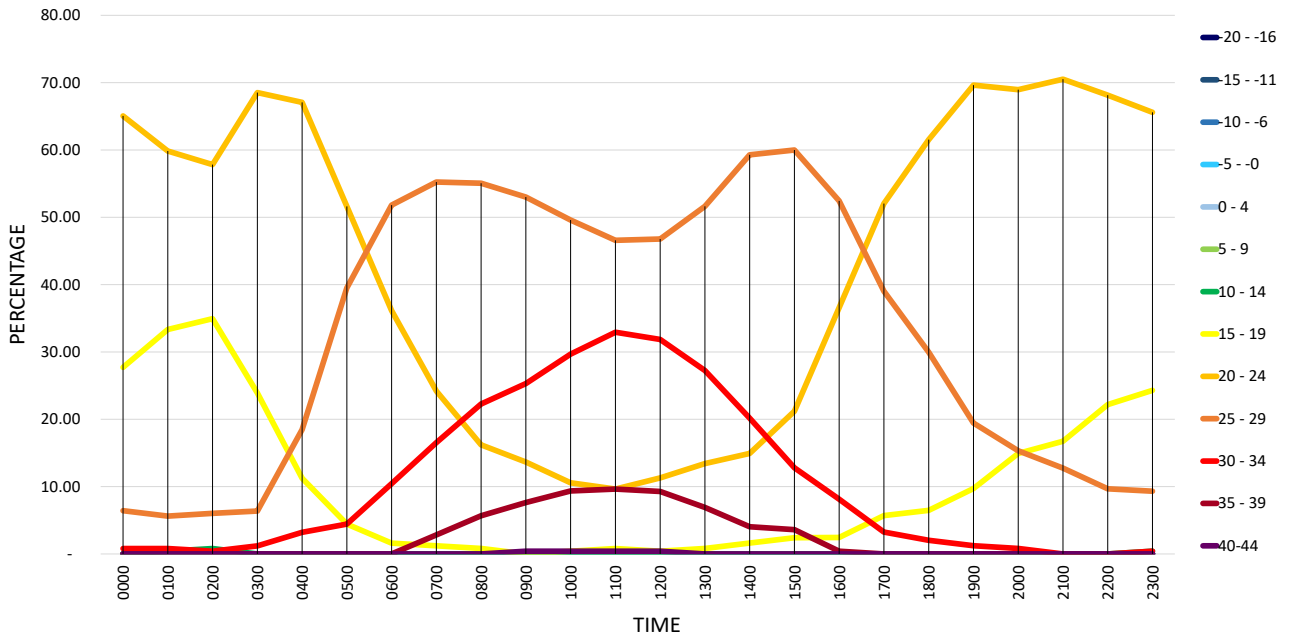
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	27.71	65.06	6.43	0.80	-	-
0100	-	-	-	-	-	-	0.40	33.33	59.84	5.62	0.80	-	-
0200	-	-	-	-	-	-	0.80	34.94	57.83	6.02	0.40	-	-
0300	-	-	-	-	-	-	-	23.90	68.53	6.37	1.20	-	-
0400	-	-	-	-	-	-	-	11.24	67.07	18.47	3.21	-	-
0500	-	-	-	-	-	-	-	4.44	51.61	39.52	4.44	-	-
0600	-	-	-	-	-	-	-	1.61	36.14	51.81	10.44	-	-
0700	-	-	-	-	-	-	-	1.21	24.19	55.24	16.53	2.82	-
0800	-	-	-	-	-	-	-	0.81	16.19	55.06	22.27	5.67	-
0900	-	-	-	-	-	-	-	-	13.65	53.01	25.30	7.63	0.40
1000	-	-	-	-	-	-	-	0.41	10.57	49.59	29.67	9.35	0.41
1100	-	-	-	-	-	-	-	0.80	9.64	46.59	32.93	9.64	0.40
1200	-	-	-	-	-	-	-	0.40	11.29	46.77	31.85	9.27	0.40
1300	-	-	-	-	-	-	-	0.81	13.41	51.63	27.24	6.91	-
1400	-	-	-	-	-	-	-	1.61	14.92	59.27	20.16	4.03	-
1500	-	-	-	-	-	-	-	2.40	21.20	60.00	12.80	3.60	-
1600	-	-	-	-	-	-	-	2.44	36.59	52.44	8.13	0.41	-
1700	-	-	-	-	-	-	-	5.69	52.03	39.02	3.25	-	-
1800	-	-	-	-	-	-	-	6.48	61.54	29.96	2.02	-	-
1900	-	-	-	-	-	-	-	9.72	69.64	19.43	1.21	-	-
2000	-	-	-	-	-	-	-	14.92	68.95	15.32	0.81	-	-
2100	-	-	-	-	-	-	-	16.73	70.52	12.75	-	-	-
2200	-	-	-	-	-	-	-	22.18	68.15	9.68	-	-	-
2300	-	-	-	-	-	-	0.40	24.29	65.59	9.31	0.40	-	-
MEAN	-	-	-	-	-	-	0.07	10.34	43.09	33.31	10.66	2.47	0.07

Min temperature 10° to 14° (time 0200 UTC) – 0.80%

Max temperature 40° to 44° (time 1000 UTC) – 0.41%

Mean dominating temperature 20° to 24° – 43.09%

UGKO - Temperature (July 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

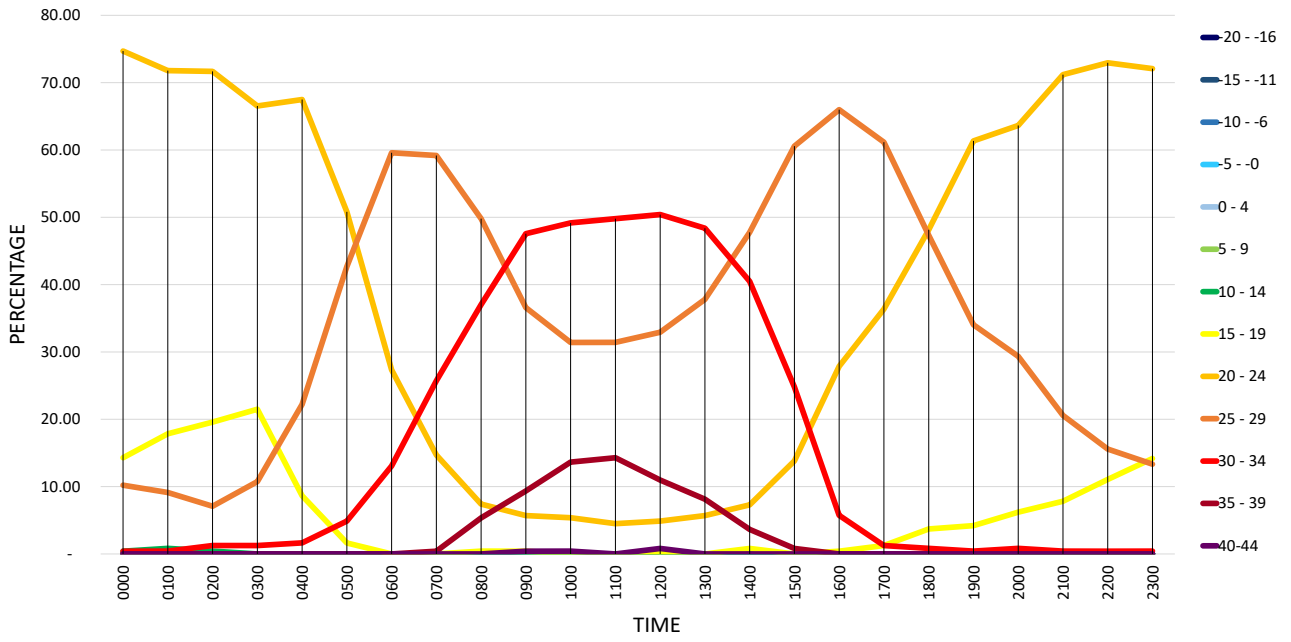
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	0.41	14.29	74.69	10.20	0.41	-	-
0100	-	-	-	-	-	-	0.83	17.84	71.78	9.13	0.41	-	-
0200	-	-	-	-	-	-	0.42	19.58	71.67	7.08	1.25	-	-
0300	-	-	-	-	-	-	-	21.49	66.53	10.74	1.24	-	-
0400	-	-	-	-	-	-	-	8.64	67.49	22.22	1.65	-	-
0500	-	-	-	-	-	-	-	1.63	50.81	42.68	4.88	-	-
0600	-	-	-	-	-	-	-	-	27.35	59.59	13.06	-	-
0700	-	-	-	-	-	-	-	-	14.69	59.18	25.71	0.41	-
0800	-	-	-	-	-	-	-	0.41	7.41	49.79	37.04	5.35	-
0900	-	-	-	-	-	-	-	0.41	5.69	36.59	47.56	9.35	0.41
1000	-	-	-	-	-	-	-	-	5.37	31.40	49.17	13.64	0.41
1100	-	-	-	-	-	-	-	-	4.49	31.43	49.80	14.29	-
1200	-	-	-	-	-	-	-	-	4.88	32.93	50.41	10.98	0.81
1300	-	-	-	-	-	-	-	-	5.69	37.80	48.37	8.13	-
1400	-	-	-	-	-	-	-	0.81	7.29	47.77	40.49	3.64	-
1500	-	-	-	-	-	-	-	-	13.82	60.57	24.80	0.81	-
1600	-	-	-	-	-	-	-	0.41	27.87	65.98	5.74	-	-
1700	-	-	-	-	-	-	-	1.24	36.36	61.16	1.24	-	-
1800	-	-	-	-	-	-	-	3.70	48.15	47.33	0.82	-	-
1900	-	-	-	-	-	-	-	4.20	61.34	34.03	0.42	-	-
2000	-	-	-	-	-	-	-	6.20	63.64	29.34	0.83	-	-
2100	-	-	-	-	-	-	-	7.82	71.19	20.58	0.41	-	-
2200	-	-	-	-	-	-	-	11.07	72.95	15.57	0.41	-	-
2300	-	-	-	-	-	-	-	14.17	72.08	13.33	0.42	-	-
MEAN	-	-	-	-	-	-	0.07	5.58	39.72	34.85	16.94	2.77	0.07

Min temperature 10° to 14° (time 0100 UTC) – 0.83%

Max temperature 40° to 44° (time 1200 UTC) – 0.81%

Mean dominating temperature 20° to 24° – 39.72%

UGKO - Temperature (August 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

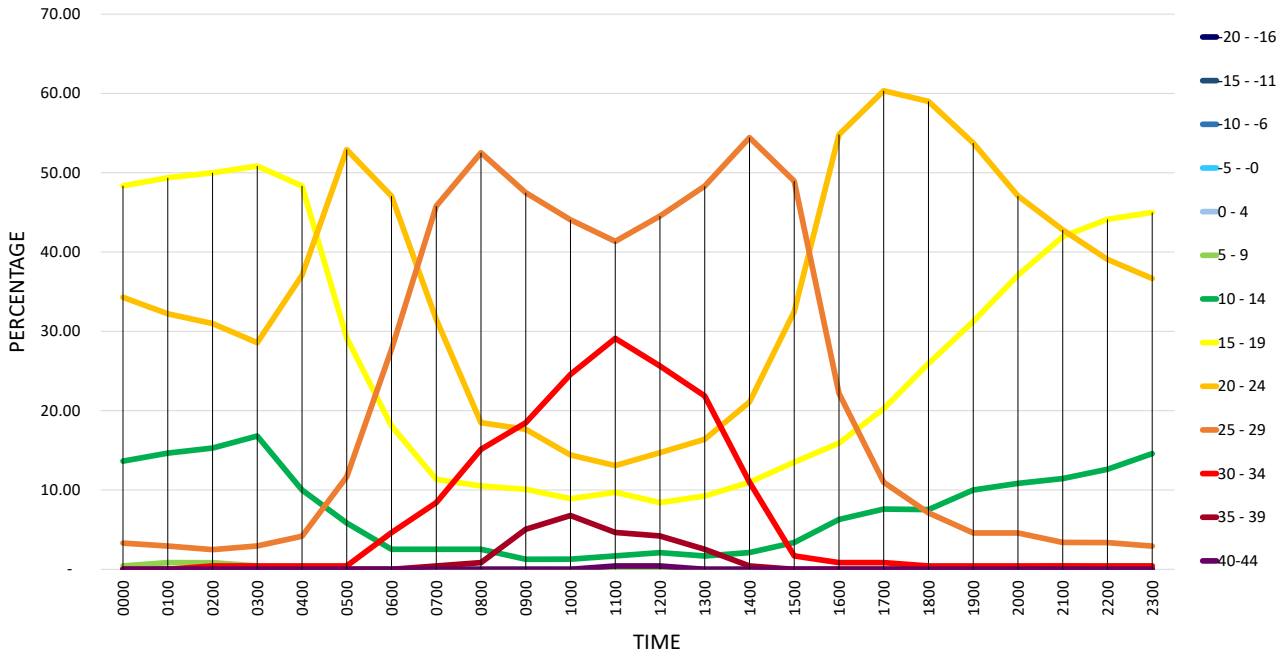
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	0.41	13.64	48.35	34.30	3.31	-	-	-
0100	-	-	-	-	-	0.84	14.64	49.37	32.22	2.93	-	-	-
0200	-	-	-	-	-	0.83	15.29	50.00	30.99	2.48	0.41	-	-
0300	-	-	-	-	-	0.42	16.81	50.84	28.57	2.94	0.42	-	-
0400	-	-	-	-	-	-	10.00	48.33	37.08	4.17	0.42	-	-
0500	-	-	-	-	-	-	5.83	29.17	52.92	11.67	0.42	-	-
0600	-	-	-	-	-	-	2.52	18.07	47.06	27.73	4.62	-	-
0700	-	-	-	-	-	-	2.52	11.34	31.51	45.80	8.40	0.42	-
0800	-	-	-	-	-	-	2.52	10.50	18.49	52.52	15.13	0.84	-
0900	-	-	-	-	-	-	1.26	10.08	17.65	47.48	18.49	5.04	-
1000	-	-	-	-	-	-	1.27	8.90	14.41	44.07	24.58	6.78	-
1100	-	-	-	-	-	-	1.69	9.70	13.08	41.35	29.11	4.64	0.42
1200	-	-	-	-	-	-	2.10	8.40	14.71	44.54	25.63	4.20	0.42
1300	-	-	-	-	-	-	1.68	9.24	16.39	48.32	21.85	2.52	-
1400	-	-	-	-	-	-	2.11	10.97	21.10	54.43	10.97	0.42	-
1500	-	-	-	-	-	-	3.38	13.50	32.49	48.95	1.69	-	-
1600	-	-	-	-	-	-	6.28	15.90	54.81	22.18	0.84	-	-
1700	-	-	-	-	-	-	7.59	20.25	60.34	10.97	0.84	-	-
1800	-	-	-	-	-	-	7.53	25.94	59.00	7.11	0.42	-	-
1900	-	-	-	-	-	-	10.00	31.25	53.75	4.58	0.42	-	-
2000	-	-	-	-	-	-	10.83	37.08	47.08	4.58	0.42	-	-
2100	-	-	-	-	-	-	11.44	41.95	42.80	3.39	0.42	-	-
2200	-	-	-	-	-	0.42	12.61	44.12	39.08	3.36	0.42	-	-
2300	-	-	-	-	-	0.42	14.58	45.00	36.67	2.92	0.42	-	-
MEAN	-	-	-	-	-	0.14	7.42	27.01	34.85	22.57	6.93	1.04	0.04

Min temperature 5° to 9° (time 0100 UTC) – 0.84%

Max temperature 40° to 44° (time 1100 and 1200 UTC) – each 0.42%

Mean dominating temperature 20° to 24° – 34.85%

### UGKO - Temperature (September 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	0.41	15.85	37.80	36.18	8.94	0.81	-	-	-
0100	-	-	-	-	0.40	17.34	39.11	33.47	8.87	0.81	-	-	-
0200	-	-	-	-	1.18	15.69	42.75	32.16	7.45	0.78	-	-	-
0300	-	-	-	-	2.02	15.38	42.11	32.39	7.29	0.81	-	-	-
0400	-	-	-	-	1.22	17.48	38.21	30.08	11.79	1.22	-	-	-
0500	-	-	-	-	-	6.88	40.89	33.20	17.41	1.62	-	-	-
0600	-	-	-	-	-	2.02	32.39	37.25	21.46	6.88	-	-	-
0700	-	-	-	-	-	1.21	23.08	36.03	27.13	10.93	1.62	-	-
0800	-	-	-	-	-	1.21	14.17	37.25	29.15	15.79	2.43	-	-
0900	-	-	-	-	-	1.21	10.12	34.01	29.55	20.65	3.64	0.81	-
1000	-	-	-	-	-	0.81	8.91	29.15	31.58	24.29	4.45	0.81	-
1100	-	-	-	-	-	1.21	8.10	27.53	31.58	23.89	6.88	0.81	-
1200	-	-	-	-	-	1.61	8.84	26.91	32.13	23.29	6.83	0.40	-
1300	-	-	-	-	-	2.04	9.80	31.02	30.20	22.45	4.49	-	-
1400	-	-	-	-	-	2.02	14.57	37.25	30.77	13.77	1.62	-	-
1500	-	-	-	-	-	2.43	24.29	40.49	27.94	4.05	0.81	-	-
1600	-	-	-	-	-	2.02	36.69	35.89	21.37	4.03	-	-	-
1700	-	-	-	-	-	6.45	35.48	39.11	16.13	2.82	-	-	-
1800	-	-	-	-	-	9.39	37.14	36.73	14.29	2.45	-	-	-
1900	-	-	-	-	-	10.93	37.65	38.06	11.74	1.62	-	-	-
2000	-	-	-	-	-	11.79	38.62	36.59	11.79	1.22	-	-	-
2100	-	-	-	-	-	12.90	40.32	34.68	10.48	1.61	-	-	-
2200	-	-	-	-	-	13.41	41.87	33.74	8.94	2.03	-	-	-
2300	-	-	-	-	-	16.26	41.46	31.30	9.35	1.63	-	-	-
MEAN	-	-	-	-	0.22	7.82	29.35	34.19	19.06	7.89	1.37	0.12	-

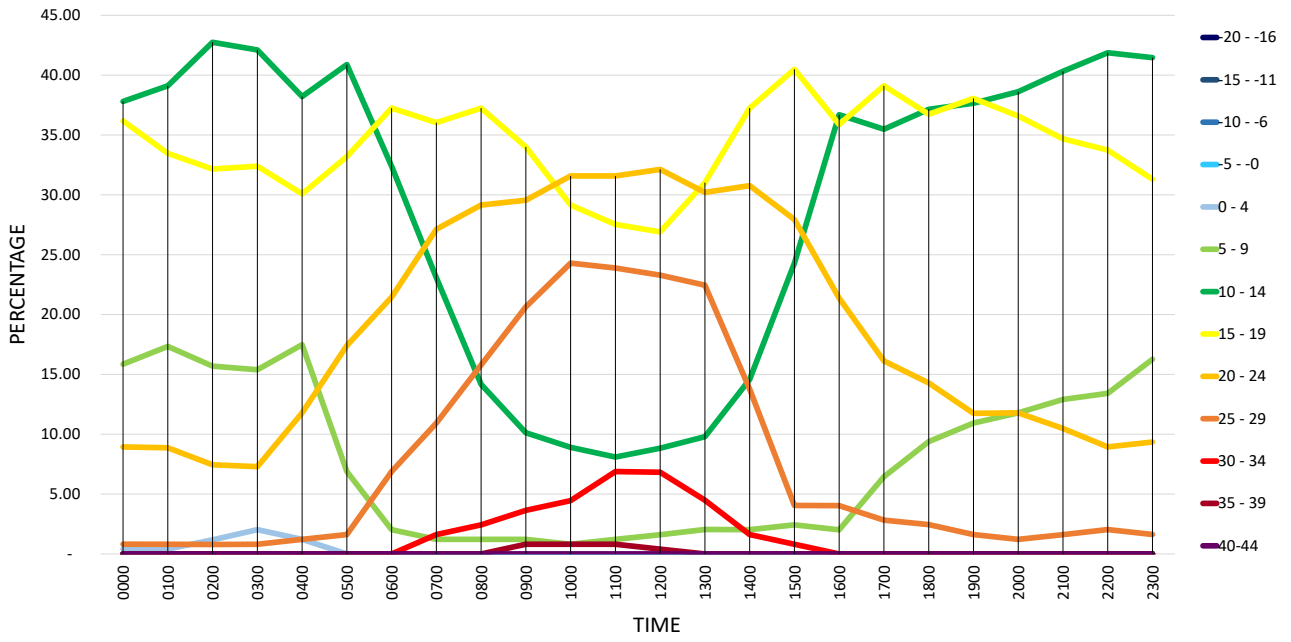
Min temperature 0° to 4° (time 0300 UTC) – 2.02%

Max temperature 35° to 39° (time 0900, 1000 and 1100 UTC) – each 0.81%

Mean dominating temperature 15° to 19° – 34.19%



UGKO - Temperature (October 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

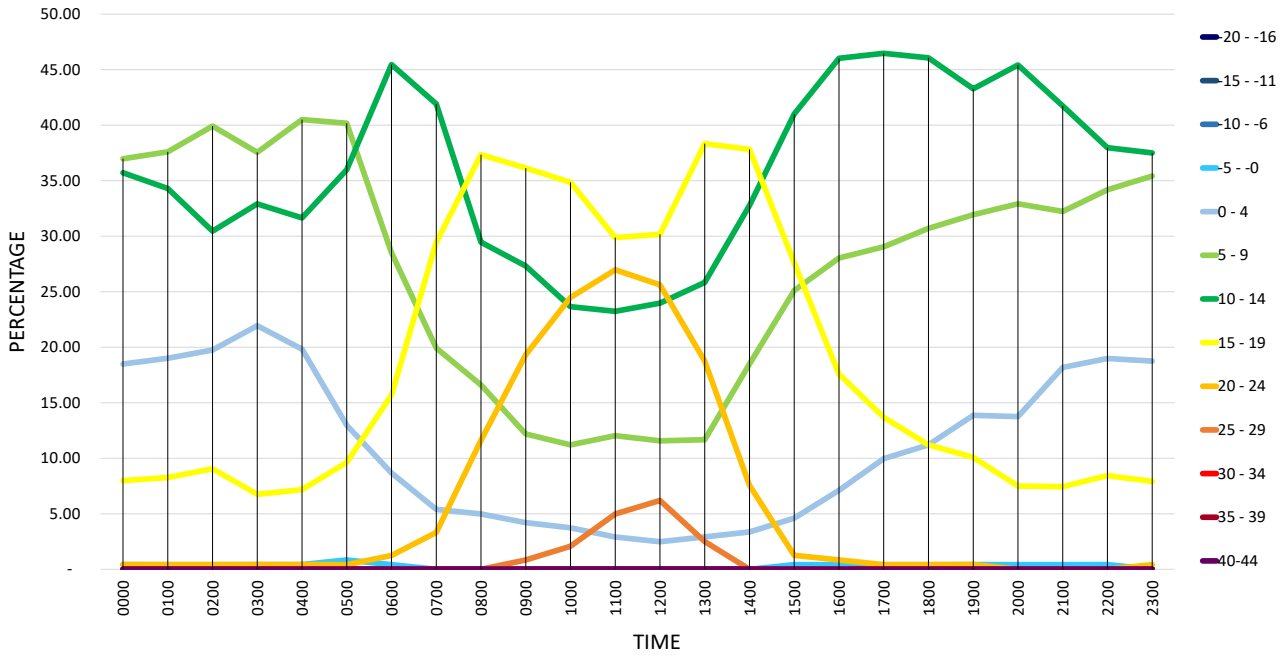
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	0.42	18.49	36.97	35.71	7.98	0.42	-	-	-	-
0100	-	-	-	0.41	19.01	37.60	34.30	8.26	0.41	-	-	-	-
0200	-	-	-	0.41	19.75	39.92	30.45	9.05	0.41	-	-	-	-
0300	-	-	-	0.42	21.94	37.55	32.91	6.75	0.42	-	-	-	-
0400	-	-	-	0.42	19.83	40.51	31.65	7.17	0.42	-	-	-	-
0500	-	-	-	0.84	12.97	40.17	35.98	9.62	0.42	-	-	-	-
0600	-	-	-	0.41	8.68	28.51	45.45	15.70	1.24	-	-	-	-
0700	-	-	-	-	5.39	19.92	41.91	29.46	3.32	-	-	-	-
0800	-	-	-	-	4.98	16.60	29.46	37.34	11.62	-	-	-	-
0900	-	-	-	-	4.20	12.18	27.31	36.13	19.33	0.84	-	-	-
1000	-	-	-	-	3.73	11.20	23.65	34.85	24.48	2.07	-	-	-
1100	-	-	-	-	2.90	12.03	23.24	29.88	26.97	4.98	-	-	-
1200	-	-	-	-	2.48	11.57	23.97	30.17	25.62	6.20	-	-	-
1300	-	-	-	-	2.92	11.67	25.83	38.33	18.75	2.50	-	-	-
1400	-	-	-	-	3.36	18.49	32.77	37.82	7.56	-	-	-	-
1500	-	-	-	0.42	4.60	25.10	41.00	27.62	1.26	-	-	-	-
1600	-	-	-	0.42	7.11	28.03	46.03	17.57	0.84	-	-	-	-
1700	-	-	-	0.41	9.96	29.05	46.47	13.69	0.41	-	-	-	-
1800	-	-	-	0.41	11.20	30.71	46.06	11.20	0.41	-	-	-	-
1900	-	-	-	0.42	13.87	31.93	43.28	10.08	0.42	-	-	-	-
2000	-	-	-	0.42	13.75	32.92	45.42	7.50	-	-	-	-	-
2100	-	-	-	0.41	18.18	32.23	41.74	7.44	-	-	-	-	-
2200	-	-	-	0.42	18.99	34.18	37.97	8.44	-	-	-	-	-
2300	-	-	-	-	18.75	35.42	37.50	7.92	0.42	-	-	-	-
MEAN	-	-	-	0.28	11.13	27.27	35.84	18.75	6.05	0.69	-	-	-

Min temperature -5° to -0° (time 0500 UTC) – 0.84%

Max temperature 25° to 29° (time 1200 UTC) – 6.20%

Mean dominating temperature 10° to 14° – 35.84%

UGKO - Temperature (November 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

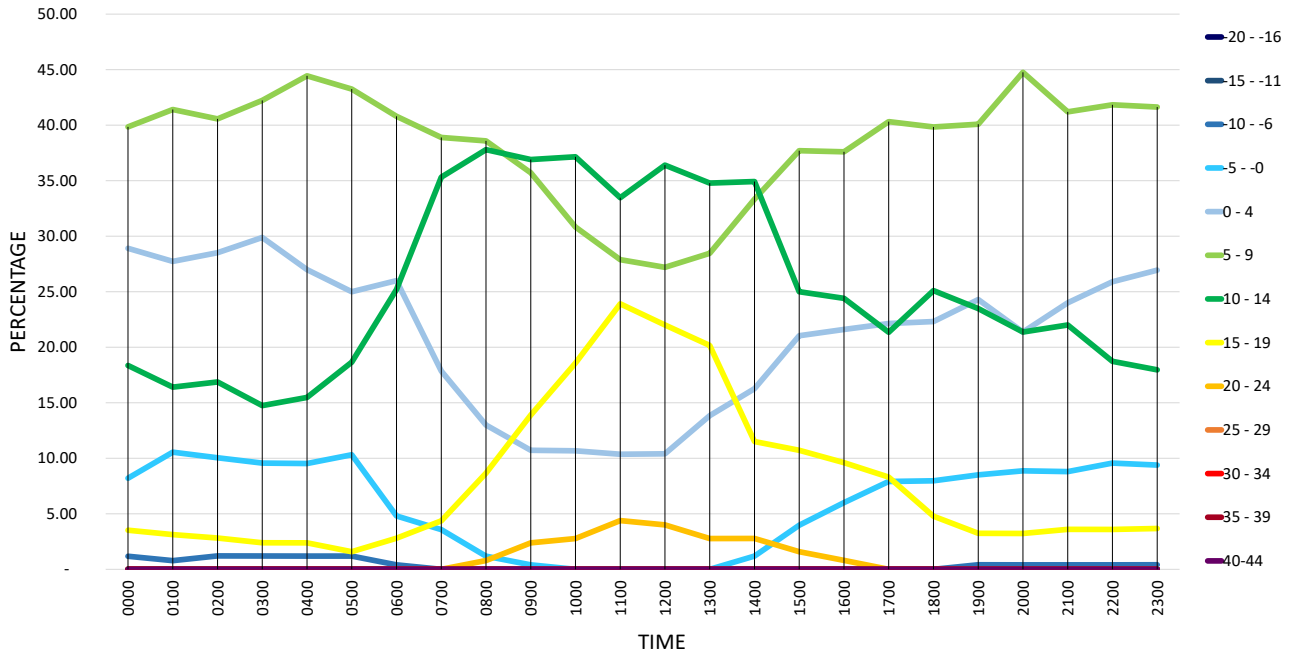
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	1.17	8.20	28.91	39.84	18.36	3.52	-	-	-	-	-
0100	-	-	0.78	10.55	27.73	41.41	16.41	3.13	-	-	-	-	-
0200	-	-	1.20	10.04	28.51	40.56	16.87	2.81	-	-	-	-	-
0300	-	-	1.20	9.56	29.88	42.23	14.74	2.39	-	-	-	-	-
0400	-	-	1.19	9.52	26.98	44.44	15.48	2.38	-	-	-	-	-
0500	-	-	1.19	10.32	25.00	43.25	18.65	1.59	-	-	-	-	-
0600	-	-	0.40	4.80	26.00	40.80	25.20	2.80	-	-	-	-	-
0700	-	-	-	3.57	17.86	38.89	35.32	4.37	-	-	-	-	-
0800	-	-	-	1.18	12.99	38.58	37.80	8.66	0.79	-	-	-	-
0900	-	-	-	0.40	10.71	35.71	36.90	13.89	2.38	-	-	-	-
1000	-	-	-	-	10.67	30.83	37.15	18.58	2.77	-	-	-	-
1100	-	-	-	-	10.36	27.89	33.47	23.90	4.38	-	-	-	-
1200	-	-	-	-	10.40	27.20	36.40	22.00	4.00	-	-	-	-
1300	-	-	-	-	13.83	28.46	34.78	20.16	2.77	-	-	-	-
1400	-	-	-	1.19	16.27	33.33	34.92	11.51	2.78	-	-	-	-
1500	-	-	-	3.97	21.03	37.70	25.00	10.71	1.59	-	-	-	-
1600	-	-	-	6.00	21.60	37.60	24.40	9.60	0.80	-	-	-	-
1700	-	-	-	7.91	22.13	40.32	21.34	8.30	-	-	-	-	-
1800	-	-	-	7.97	22.31	39.84	25.10	4.78	-	-	-	-	-
1900	-	-	0.40	8.50	24.29	40.08	23.48	3.24	-	-	-	-	-
2000	-	-	0.40	8.87	21.37	44.76	21.37	3.23	-	-	-	-	-
2100	-	-	0.40	8.80	24.00	41.20	22.00	3.60	-	-	-	-	-
2200	-	-	0.40	9.56	25.90	41.83	18.73	3.59	-	-	-	-	-
2300	-	-	0.41	9.39	26.94	41.63	17.96	3.67	-	-	-	-	-
MEAN	-	-	0.38	5.85	21.07	38.27	25.49	8.02	0.93	-	-	-	-

Min temperature -10° to -6° (time 0200, 0300 UTC) – 1.20 %

Max temperature 20° to 24° (time 1100 UTC) – 4.38%

Mean dominating temperature 5° to 9° – 38.27%

UGKO - Temperature (December 2010-2017)



## ABSOLUTE AND MEAN ATMOSPHERIC PRESSURE AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL F**

AERODROME: UGKO

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 113952

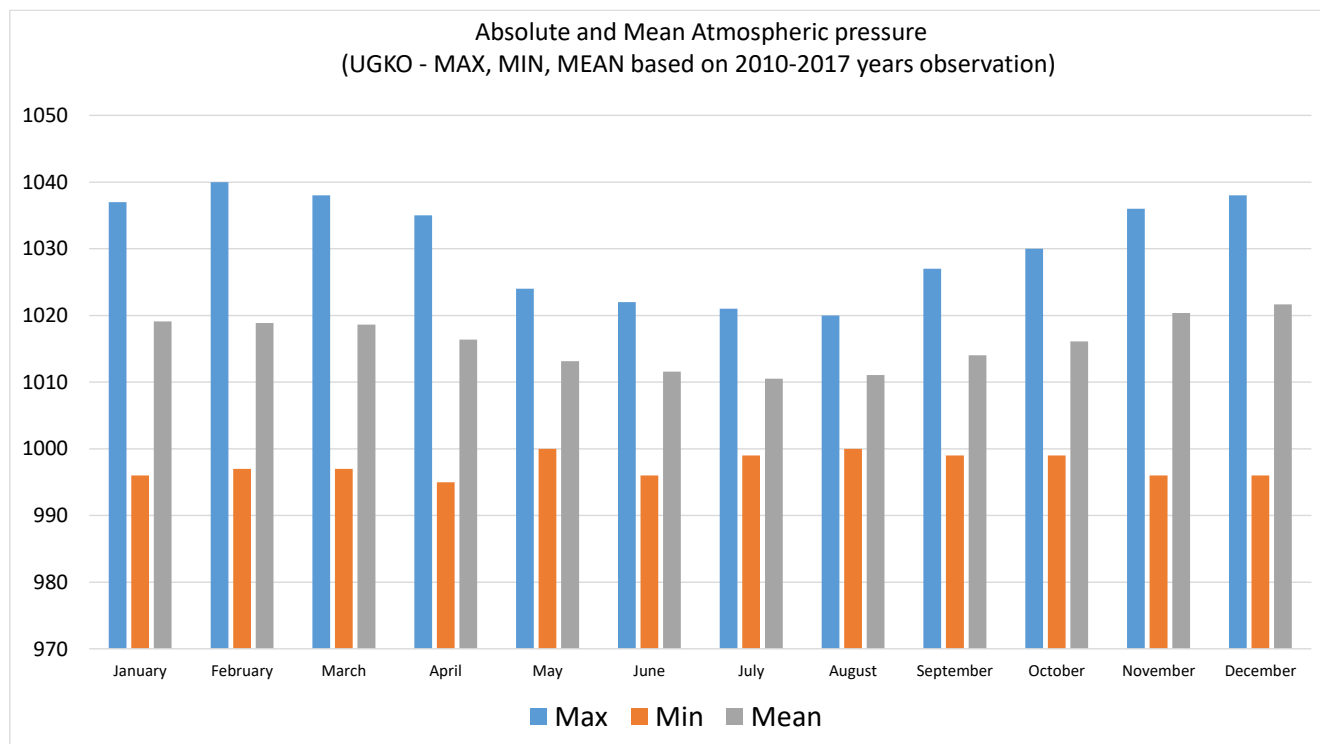
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

<b>Absolute and Mean Atmospheric pressure (UGKO - MAX, MIN, MEAN based on 6 years observation)</b>			
<b>Pressure (HPA)</b>			
<b>Month</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
January	1037	996	1019
February	1040	997	1019
March	1038	997	1019
April	1035	995	1016
May	1024	1000	1013
June	1022	996	1012
July	1021	999	1011
August	1020	1000	1011
September	1027	999	1014
October	1030	999	1016
November	1036	996	1020
December	1038	996	1022



Based on the eight years observations in Kutaisi international airport (UGKO):

The Maximum absolute pressure of atmosphere - QNH detected in February - 1040 HPA;

The Minimum absolute pressure of atmosphere - QNH detected in April - 995 HPA.

# TEMPERATURE, DEW POINT AND HUMIDITY

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL G

AERODROME: UGKO

OBSERVATION INTERVAL: 1 HOUR

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

### JANUARY

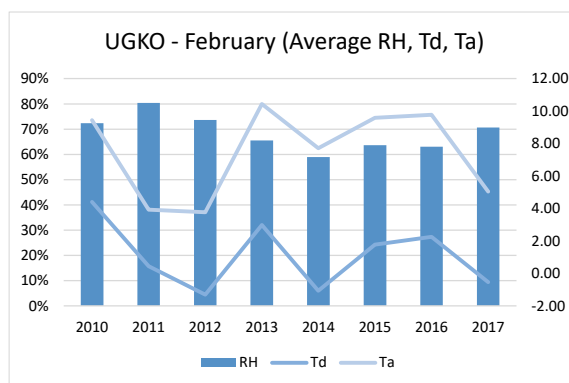
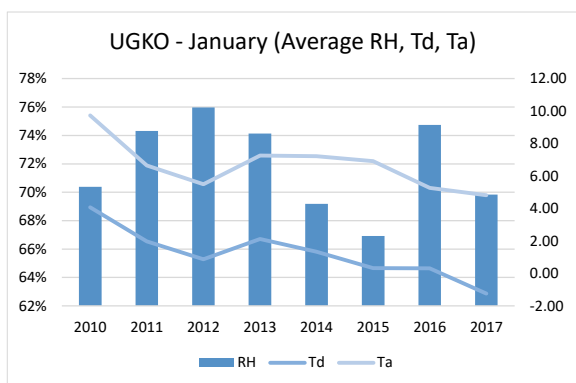
TOTAL NUMBER OF OBSERVATIONS: 6696

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	70.39%	4.07	9.74
2011	74.31%	1.97	6.65
2012	75.97%	0.87	5.50
2013	74.14%	2.12	7.26
2014	69.18%	1.33	7.22
2015	66.92%	0.32	6.92
2016	74.74%	0.31	5.27
2017	69.84%	-1.25	4.82

### FEBRUARY

TOTAL NUMBER OF OBSERVATIONS: 6096

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	72.32%	4.41	9.45
2011	80.41%	0.45	3.92
2012	73.66%	-1.30	3.77
2013	65.49%	2.98	10.44
2014	58.94%	-1.07	7.72
2015	63.67%	1.77	9.59
2016	63.04%	2.25	9.77
2017	70.66%	-0.54	5.05



### MARCH

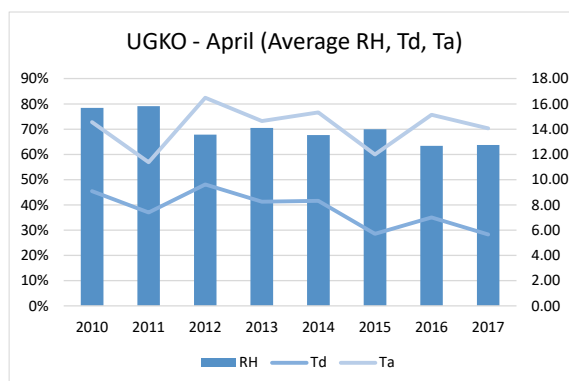
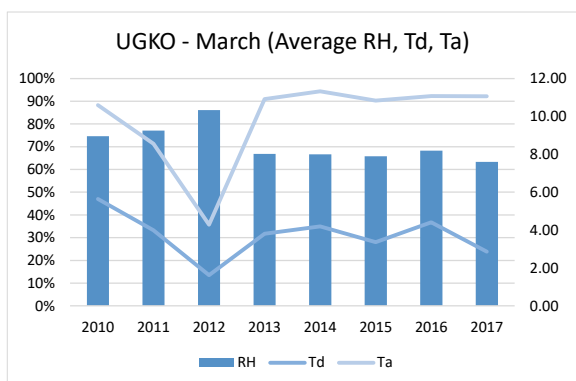
TOTAL NUMBER OF OBSERVATIONS: 6696

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	74.62%	5.64	10.60
2011	77.08%	3.99	8.56
2012	86.14%	1.62	4.29
2013	66.87%	3.81	10.91
2014	66.67%	4.19	11.32
2015	65.84%	3.37	10.84
2016	68.26%	4.41	11.08
2017	63.36%	2.86	11.06

### APRIL

TOTAL NUMBER OF OBSERVATIONS: 6480

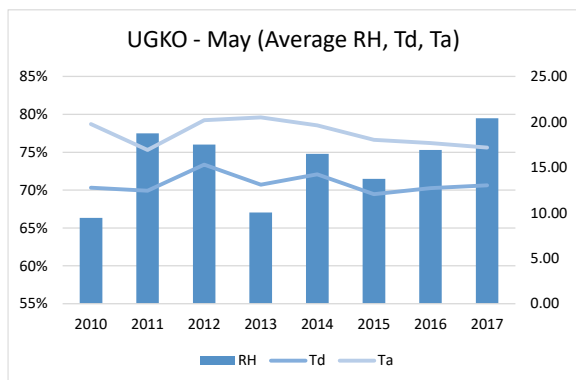
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	78.40%	9.08	14.56
2011	79.14%	7.39	11.38
2012	67.81%	9.61	16.50
2013	70.48%	8.25	14.65
2014	67.66%	8.32	15.33
2015	69.94%	5.71	12.00
2016	63.43%	7.01	15.14
2017	63.69%	5.65	14.06



### MAY

TOTAL NUMBER OF OBSERVATIONS: 6696

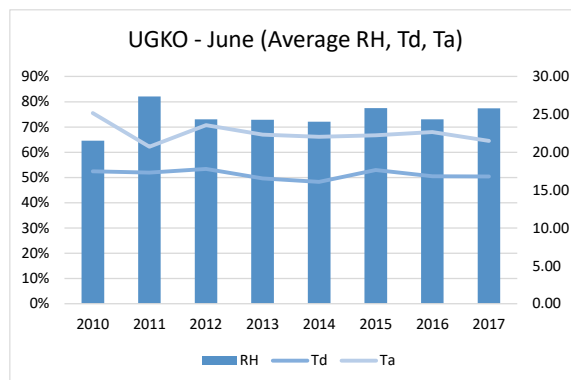
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	66.33%	12.76	19.77
2011	77.50%	12.44	16.92
2012	76.01%	15.31	20.20
2013	67.05%	13.09	20.50
2014	74.79%	14.24	19.62
2015	71.48%	12.04	18.03
2016	75.30%	12.72	17.67
2017	79.48%	13.03	17.17



### JUNE

TOTAL NUMBER OF OBSERVATIONS: 6480

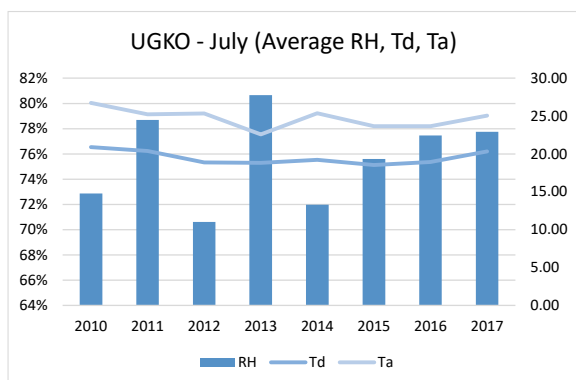
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	64.57%	17.48	25.17
2011	82.10%	17.31	20.73
2012	73.06%	17.80	23.58
2013	72.86%	16.54	22.32
2014	72.13%	16.08	22.04
2015	77.52%	17.65	22.24
2016	73.04%	16.84	22.65
2017	77.39%	16.80	21.49



### JULY

TOTAL NUMBER OF OBSERVATIONS: 6696

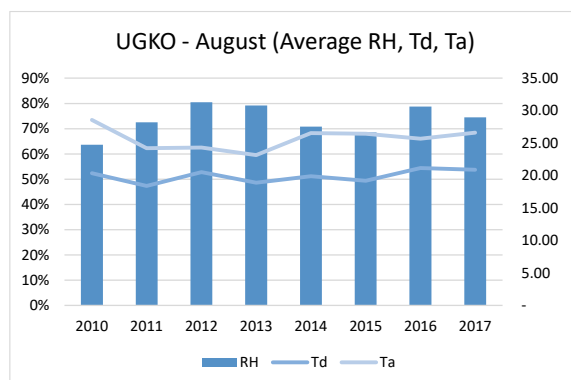
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	72.86%	20.91	26.75
2011	78.70%	20.40	25.23
2012	70.61%	18.89	25.33
2013	80.66%	18.83	22.59
2014	71.98%	19.21	25.38
2015	75.60%	18.52	23.67
2016	77.46%	18.95	23.65
2017	77.75%	20.33	25.06



### AUGUST

TOTAL NUMBER OF OBSERVATIONS: 6696

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	63.67%	20.35	28.57
2011	72.56%	18.42	24.23
2012	80.50%	20.55	24.33
2013	79.22%	18.89	23.17
2014	70.83%	19.90	26.54
2015	68.53%	19.20	26.45
2016	78.75%	21.17	25.68
2017	74.47%	20.89	26.60

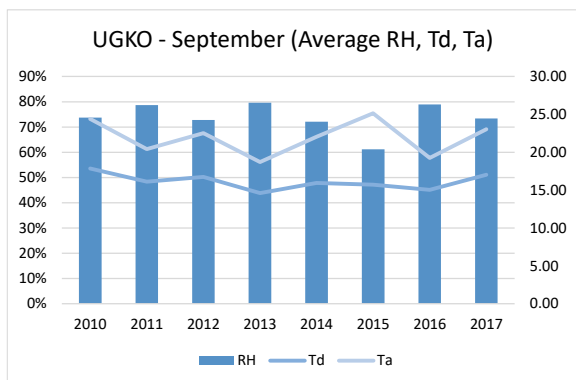




### SEPTEMBER

TOTAL NUMBER OF OBSERVATIONS: 6480

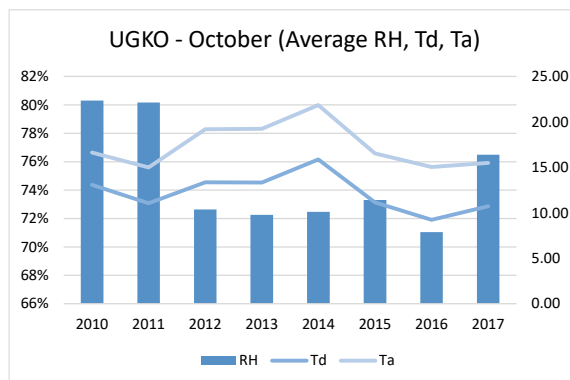
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	73.69%	17.85	24.41
2011	78.70%	16.12	20.42
2012	72.82%	16.74	22.51
2013	79.62%	14.60	18.71
2014	72.11%	15.94	22.05
2015	61.18%	15.71	25.14
2016	78.93%	15.03	19.26
2017	73.40%	17.04	23.04



### OCTOBER

TOTAL NUMBER OF OBSERVATIONS: 6696

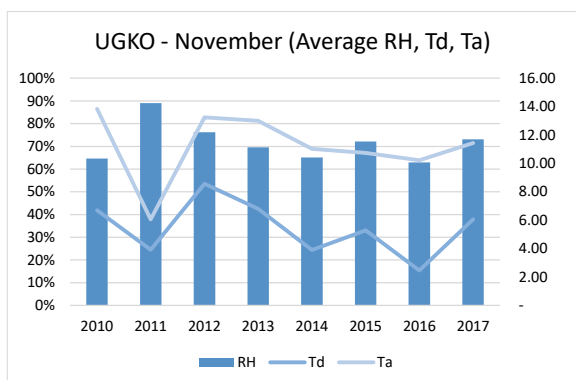
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	80.31%	13.08	16.64
2011	80.18%	11.06	15.00
2012	72.63%	13.36	19.19
2013	72.26%	13.33	19.24
2014	72.46%	15.87	21.85
2015	73.30%	11.15	16.54
2016	71.04%	9.22	15.06
2017	76.49%	10.73	15.50



### NOVEMBER

TOTAL NUMBER OF OBSERVATIONS: 6480

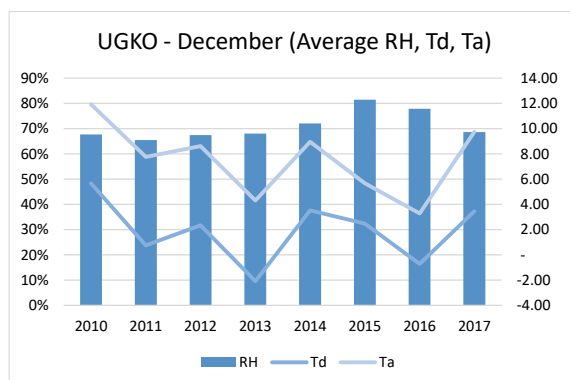
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	64.60%	6.70	13.83
2011	89.05%	3.92	6.06
2012	76.24%	8.56	13.24
2013	69.59%	6.81	13.01
2014	65.15%	3.91	11.02
2015	72.13%	5.28	10.74
2016	62.94%	2.45	10.21
2017	73.06%	6.06	11.43



### DECEMBER

TOTAL NUMBER OF OBSERVATIONS: 6696

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	67.72%	5.66	11.92
2011	65.47%	0.76	7.76
2012	67.44%	2.35	8.61
2013	68.03%	-2.07	4.31
2014	72.09%	3.52	8.96
2015	81.47%	2.49	5.68
2016	77.90%	-0.71	3.29
2017	68.68%	3.46	9.75



# WEATHER PHENOMENA

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

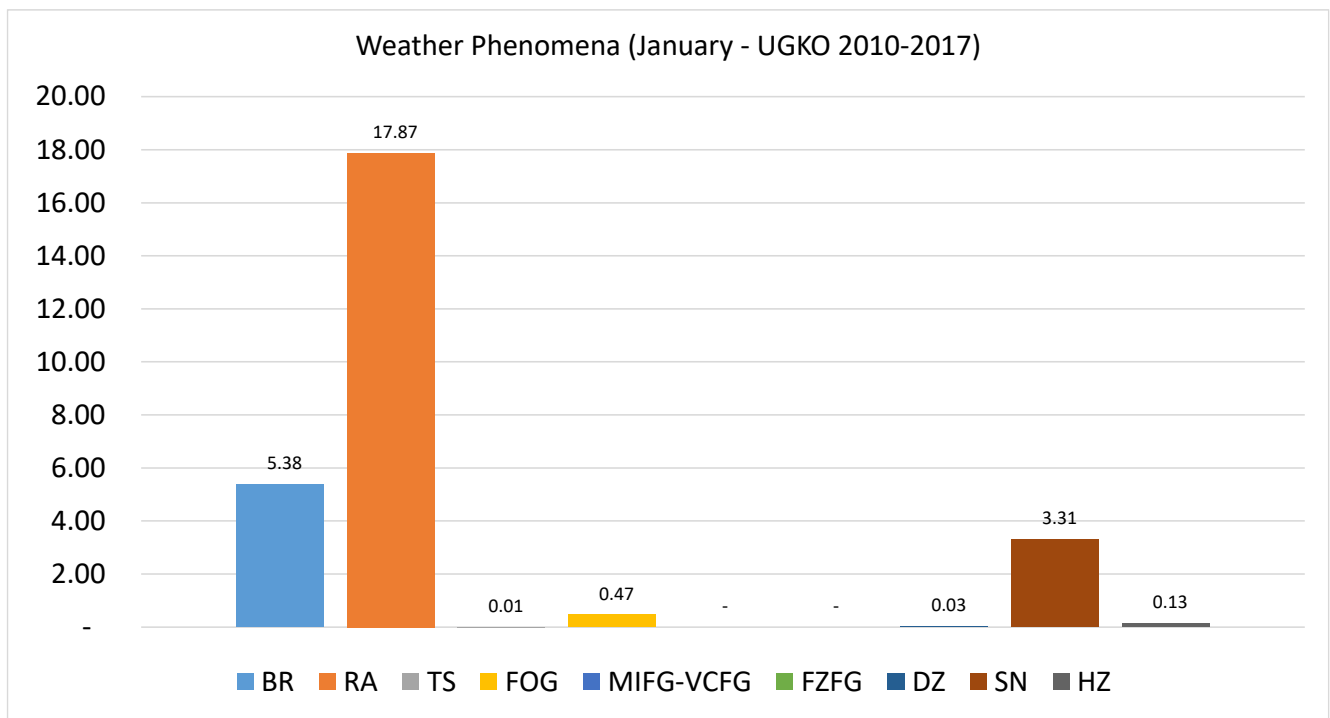
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.43	18.23	-	0.49	-	-	-	2.46	0.49
0030	8.33	18.06	-	0.69	-	-	0.69	0.69	-
0100	5.11	19.57	-	0.43	-	-	-	2.98	0.43
0130	3.47	17.36	-	1.39	-	-	-	2.78	-
0200	4.81	18.75	-	0.96	-	-	-	2.40	0.48
0230	4.17	18.06	-	1.39	-	-	0.69	2.08	0.69
0300	7.46	20.18	-	0.88	-	-	-	1.32	1.32
0330	6.76	19.59	-	1.35	-	-	-	2.03	-
0400	5.51	18.22	-	0.85	-	-	-	2.54	-
0430	4.90	15.38	-	1.40	-	-	-	4.20	-
0500	6.78	15.68	-	0.85	-	-	-	3.81	-
0530	8.16	19.05	-	0.68	-	-	-	5.44	-
0600	4.98	17.01	-	0.83	-	-	-	4.15	-
0630	2.78	19.44	-	0.69	-	-	-	3.47	-
0700	5.49	17.30	-	0.42	-	-	-	4.22	-
0730	4.83	19.31	-	0.69	-	-	-	3.45	-
0800	4.70	17.52	-	0.43	-	-	-	2.56	-
0830	6.21	20.00	-	-	-	-	-	3.45	-
0900	4.66	16.53	-	-	-	-	-	2.54	-
0930	5.48	19.18	-	-	-	-	-	3.42	-
1000	4.26	18.30	-	-	-	-	-	2.98	-
1030	5.63	18.31	-	-	-	-	-	2.82	-
1100	3.39	19.49	-	-	-	-	-	2.54	-
1130	3.42	18.49	-	-	-	-	-	2.05	-
1200	3.88	18.53	-	-	-	-	-	2.59	0.43
1230	3.47	21.53	-	-	-	-	-	2.78	-
1300	2.56	20.94	-	-	-	-	-	2.56	-
1330	4.14	21.38	-	-	-	-	-	3.45	-
1400	3.10	16.37	-	-	-	-	-	3.10	-
1430	4.83	14.48	-	-	-	-	-	2.07	-
1500	2.67	17.33	-	-	-	-	-	1.78	-
1530	4.86	18.06	-	-	-	-	-	2.78	-
1600	5.13	17.09	-	-	-	-	-	2.99	-
1630	4.86	19.44	-	-	-	-	-	4.86	-
1700	7.62	17.62	-	-	-	-	-	3.33	0.48

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	6.94	17.36	-	0.69	-	-	-	4.86	-
1800	8.17	18.27	-	0.48	-	-	-	3.85	-
1830	5.59	17.48	-	0.70	-	-	-	3.50	-
1900	6.14	14.04	0.44	0.88	-	-	-	3.95	-
1930	8.45	14.08	-	0.70	-	-	-	3.52	0.70
2000	6.37	17.16	-	0.49	-	-	-	4.41	-
2030	6.29	18.88	-	0.70	-	-	-	5.59	-
2100	6.34	17.56	-	0.49	-	-	-	3.90	-
2130	6.80	17.01	-	0.68	-	-	-	4.08	-
2200	5.80	19.32	-	0.48	-	-	-	4.35	-
2230	6.00	15.33	-	0.67	-	-	-	5.33	-
2300	5.31	16.43	-	0.48	-	-	-	3.86	-
2330	6.99	13.29	-	0.70	-	-	-	4.90	1.40
Mean	5.38	17.87	0.01	0.47	-	-	0.03	3.31	0.13



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in January are: rain – 17.87%, mist – 5.38%, snow – 3.31%.

The activity of thunderstorms in January constitutes 0.01%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 8808

OBSERVATION INTERVAL: 30 MIN.

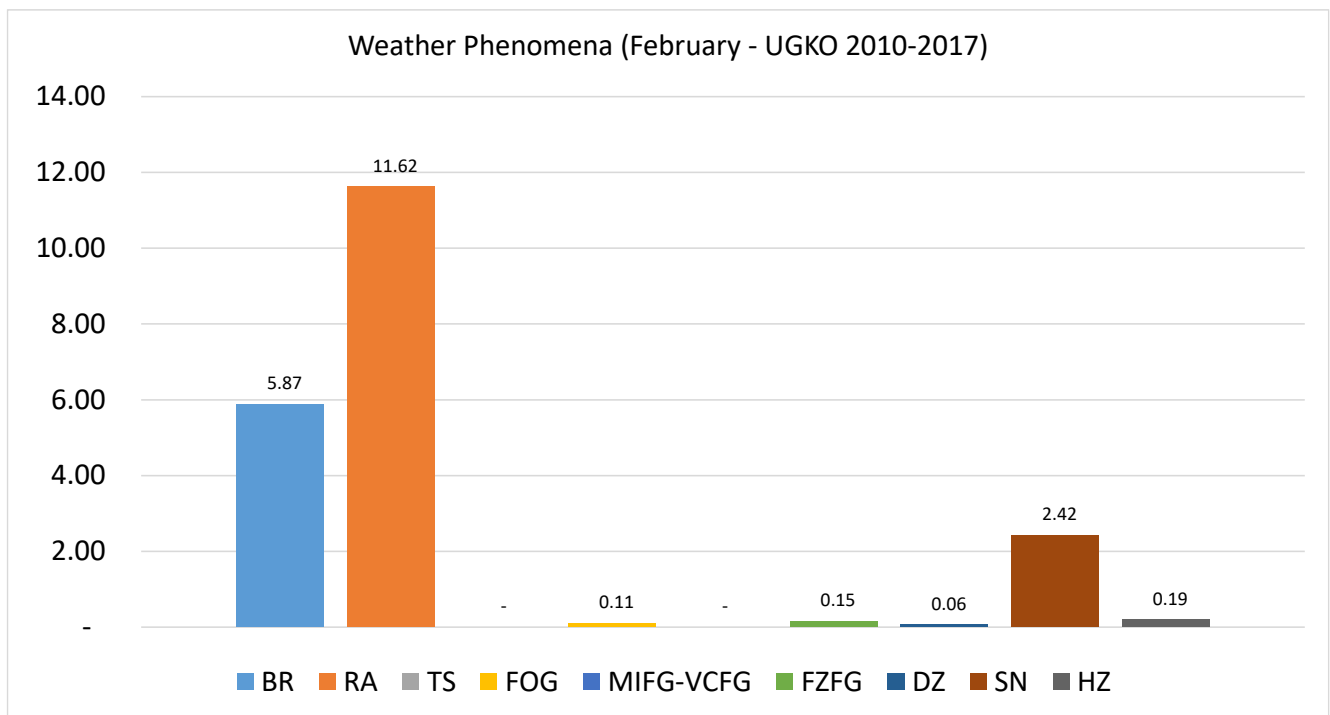
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	10.10	12.12	-	-	-	0.51	-	4.55	-
0030	5.56	9.72	-	-	-	0.69	-	1.39	2.08
0100	10.18	14.60	-	-	-	0.44	-	5.31	0.44
0130	7.75	11.27	-	0.70	-	1.41	-	2.11	0.70
0200	12.21	14.08	-	0.47	-	0.47	0.47	4.23	-
0230	6.29	11.19	-	-	-	0.70	-	2.10	-
0300	9.65	14.04	-	0.44	-	0.44	-	3.95	0.44
0330	6.38	11.35	-	0.71	-	0.71	-	2.13	-
0400	11.06	15.49	-	0.44	-	-	-	3.54	-
0430	7.75	11.27	-	0.70	-	-	-	1.41	-
0500	9.78	16.00	-	0.44	-	-	-	4.44	-
0530	7.86	11.43	-	0.71	-	0.71	-	-	-
0600	11.01	14.10	-	0.44	-	0.44	-	3.96	-
0630	6.38	10.64	-	-	-	0.71	-	2.13	-
0700	8.00	12.89	-	-	-	-	-	3.56	-
0730	0.71	9.93	-	-	-	-	-	-	-
0800	5.65	12.61	-	-	-	-	-	3.04	-
0830	1.38	8.97	-	-	-	-	-	2.07	-
0900	5.29	11.01	-	-	-	-	-	3.96	-
0930	2.08	8.33	-	-	-	-	-	0.69	-
1000	6.19	11.50	-	-	-	-	-	3.54	-
1030	2.80	8.39	-	-	-	-	-	-	-
1100	5.83	12.56	-	-	-	-	-	3.59	-
1130	2.78	9.72	-	-	-	-	-	1.39	-
1200	5.33	10.67	-	-	-	-	-	4.89	-
1230	0.69	9.72	-	-	-	-	-	-	-
1300	3.46	11.69	-	-	-	-	-	1.73	-
1330	1.40	11.19	-	-	-	-	-	0.70	-
1400	4.91	12.05	-	-	-	-	-	3.13	-
1430	2.11	11.97	-	-	-	-	-	0.70	-
1500	5.88	13.12	-	-	-	-	-	3.62	-
1530	3.45	9.66	-	-	-	-	-	0.69	-
1600	4.87	12.83	-	-	-	-	-	3.54	-
1630	4.17	10.42	-	-	-	-	-	1.39	-
1700	5.61	11.68	-	-	-	-	-	4.21	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	2.80	9.09	-	-	-	-	-	2.10	-
1800	6.42	10.09	-	-	-	-	-	4.13	-
1830	3.50	11.19	-	-	-	-	-	-	-
1900	6.22	11.11	-	-	-	-	-	2.67	-
1930	4.20	11.89	-	-	-	-	-	-	-
2000	6.40	12.81	-	-	-	-	0.49	3.94	-
2030	3.47	10.42	-	-	-	-	0.69	0.69	1.39
2100	6.77	13.02	-	-	-	-	0.52	3.65	-
2130	7.19	13.67	-	-	-	-	-	1.44	-
2200	7.58	12.80	-	-	-	-	-	3.79	1.42
2230	5.88	8.82	-	-	-	-	-	1.47	0.74
2300	9.18	13.27	-	-	-	-	-	3.06	0.51
2330	7.80	11.35	-	-	-	-	0.71	1.42	1.42
Mean	5.87	11.62	-	0.11	-	0.15	0.06	2.42	0.19



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in February are: rain – 11.62%, mist – 5.87%, snow – 2.42%.

No thunderstorm activities were observed in February.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

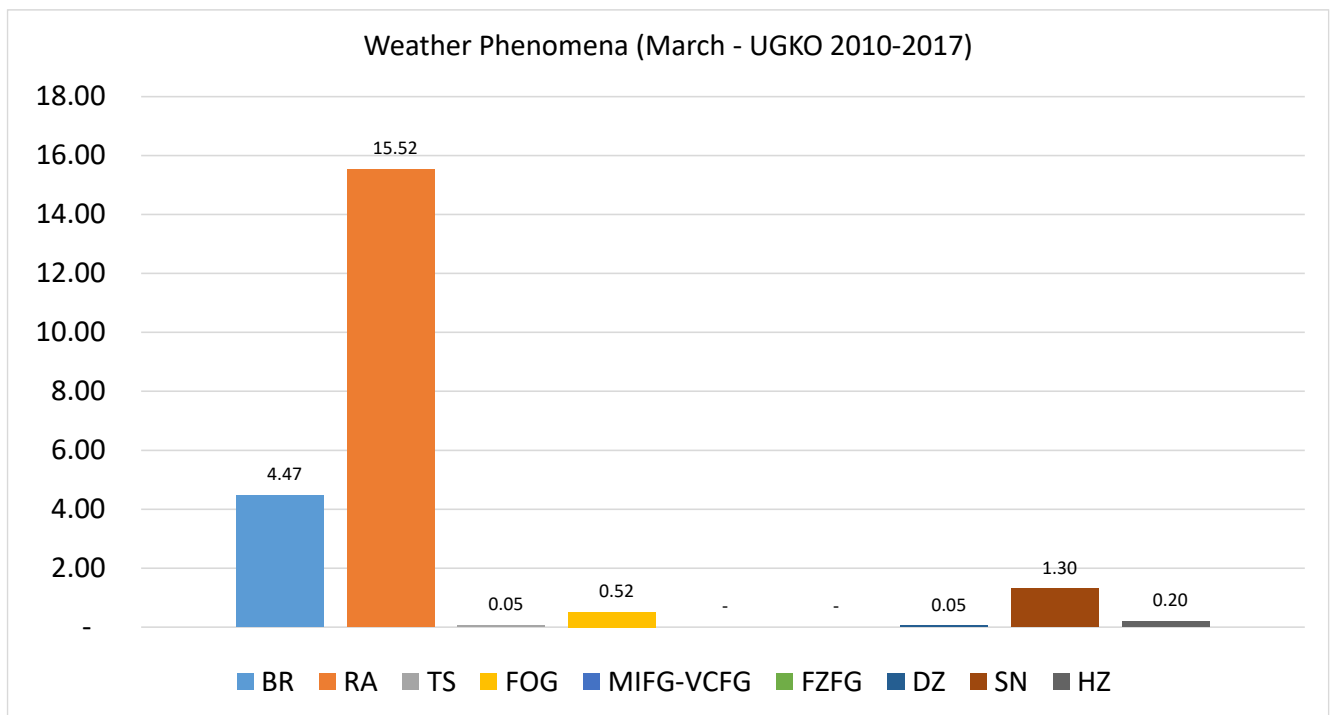
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	8.88	19.16	-	1.40	-	-	-	3.27	-
0030	4.46	12.10	-	1.91	-	-	-	-	0.64
0100	8.47	17.74	-	1.61	-	-	-	4.03	0.40
0130	4.58	12.42	-	1.31	-	-	-	-	0.65
0200	9.52	18.61	-	0.87	-	-	-	2.16	0.43
0230	6.49	11.04	-	1.30	-	-	-	-	-
0300	10.12	16.60	-	1.62	-	-	-	2.43	-
0330	8.28	15.92	-	0.64	-	-	-	1.27	0.64
0400	9.64	21.29	-	2.01	-	-	-	2.41	-
0430	5.13	17.95	-	0.64	-	-	-	1.28	-
0500	10.08	20.56	-	0.40	-	-	-	3.23	-
0530	2.61	16.99	-	-	-	-	0.65	-	-
0600	7.72	18.70	-	-	-	-	-	2.85	-
0630	3.25	14.94	-	-	-	-	-	-	-
0700	6.94	17.55	-	-	-	-	-	2.45	-
0730	3.25	14.29	-	-	-	-	-	-	-
0800	4.90	16.73	-	-	-	-	-	2.04	-
0830	3.25	18.18	-	-	-	-	-	0.65	-
0900	4.03	14.92	-	-	-	-	-	2.82	-
0930	1.92	12.82	-	-	-	-	-	-	-
1000	4.49	19.18	-	-	-	-	-	2.45	-
1030	1.94	15.48	-	-	-	-	-	-	-
1100	2.46	14.75	-	-	-	-	-	1.23	-
1130	0.64	14.65	-	-	-	-	-	0.64	-
1200	3.29	16.87	-	0.41	-	-	-	1.65	-
1230	1.29	11.61	-	-	-	-	-	-	-
1300	2.05	13.93	-	0.41	-	-	-	2.05	-
1330	0.65	13.64	-	-	-	-	-	-	-
1400	2.09	16.74	-	0.42	-	-	-	1.26	0.42
1430	0.66	11.18	-	-	-	-	-	-	0.66
1500	1.26	15.48	-	0.42	-	-	-	2.09	-
1530	0.65	12.34	-	-	-	-	-	0.65	-
1600	2.47	16.87	-	0.41	-	-	-	1.23	-
1630	0.66	15.13	-	-	-	-	-	0.66	-
1700	4.72	16.74	0.43	0.43	-	-	-	2.58	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	3.25	12.99	0.65	-	-	-	-	-	-
1800	4.29	16.74	0.43	0.43	-	-	0.86	2.15	-
1830	1.96	10.46	0.65	-	-	-	-	-	-
1900	3.61	18.88	0.40	0.40	-	-	-	1.61	-
1930	2.60	12.99	-	-	-	-	-	-	-
2000	5.43	15.84	-	0.90	-	-	-	3.17	-
2030	5.92	14.47	-	0.66	-	-	-	-	-
2100	7.80	12.84	-	0.92	-	-	-	2.29	0.92
2130	5.23	14.38	-	0.65	-	-	-	-	0.65
2200	6.11	17.90	-	1.31	-	-	-	3.06	-
2230	3.27	13.73	-	1.31	-	-	0.65	-	1.31
2300	7.44	15.35	-	1.40	-	-	-	2.79	1.40
2330	4.70	15.44	-	0.67	-	-	-	-	1.34
Mean	4.47	15.52	0.05	0.52	-	-	0.05	1.30	0.20



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in March are: rain – 15.52%, mist – 4.47%, snow – 1.30%.

The activity of thunderstorms in March constitutes 0.05%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

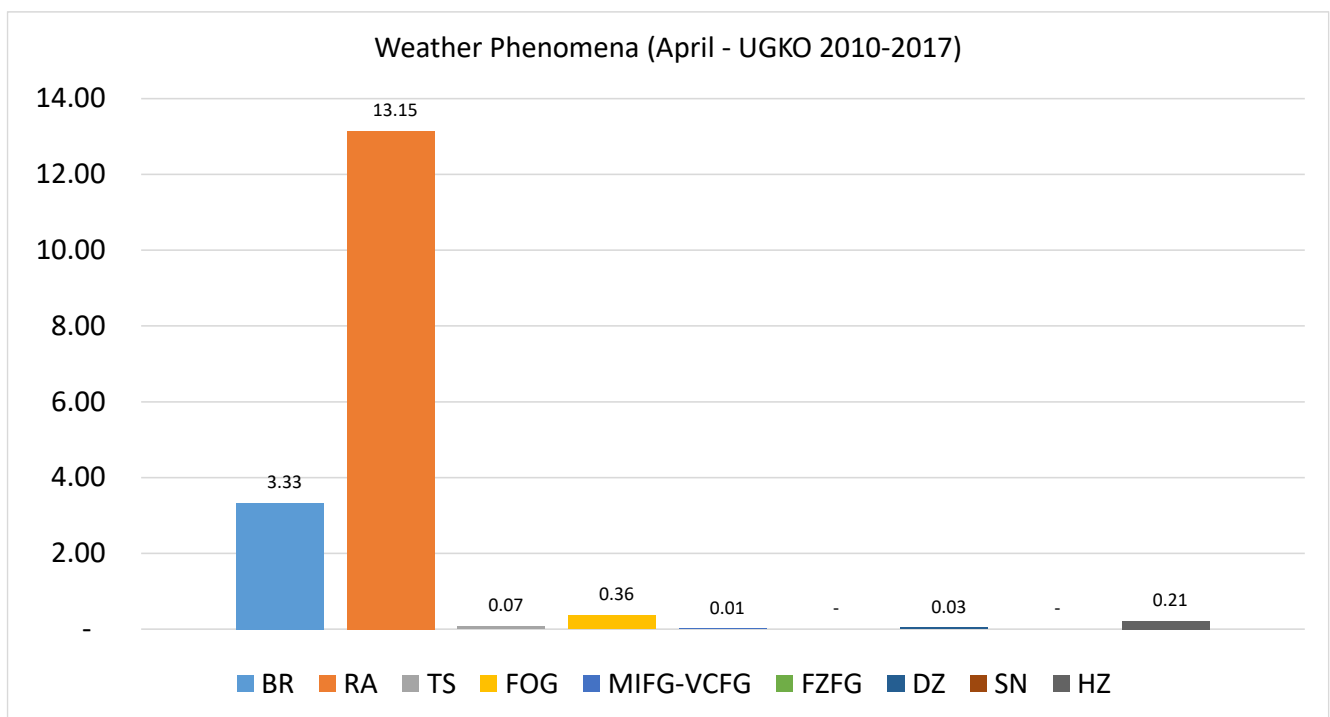
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	6.16	15.17	-	0.47	-	-	-	-	0.47
0030	3.31	13.91	-	1.32	-	-	-	-	2.65
0100	5.42	15.42	-	1.25	-	-	0.42	-	0.42
0130	7.95	18.54	-	0.66	-	-	-	-	-
0200	10.14	15.21	-	1.38	-	-	-	-	0.92
0230	8.61	17.22	-	0.66	0.66	-	-	-	-
0300	12.29	16.95	-	2.97	-	-	-	-	-
0330	6.12	16.33	-	2.04	-	-	-	-	-
0400	9.24	17.65	-	2.52	-	-	-	-	0.42
0430	2.65	16.56	-	1.32	-	-	-	-	-
0500	7.56	17.23	-	1.68	-	-	-	-	-
0530	3.29	13.16	-	-	-	-	-	-	-
0600	5.04	12.18	-	-	-	-	-	-	-
0630	2.07	9.66	-	-	-	-	-	-	-
0700	2.54	10.59	-	-	-	-	-	-	-
0730	1.33	10.00	-	-	-	-	-	-	-
0800	1.27	10.55	-	-	-	-	-	-	-
0830	0.66	7.28	-	-	-	-	-	-	0.66
0900	2.11	11.39	-	-	-	-	-	-	-
0930	0.67	9.40	-	-	-	-	-	-	-
1000	1.26	7.53	-	-	-	-	-	-	-
1030	1.33	7.33	-	-	-	-	-	-	-
1100	1.28	6.81	-	-	-	-	-	-	-
1130	1.34	8.72	-	-	-	-	-	-	-
1200	0.86	9.87	-	-	-	-	-	-	-
1230	0.67	8.00	-	-	-	-	-	-	-
1300	0.84	8.79	-	-	-	-	-	-	-
1330	0.66	8.61	-	-	-	-	-	-	-
1400	1.29	10.78	-	-	-	-	-	-	-
1430	0.66	9.87	0.66	-	-	-	-	-	-
1500	2.09	7.95	0.84	-	-	-	-	-	-
1530	0.67	12.00	-	-	-	-	-	-	0.67
1600	2.12	15.25	0.42	-	-	-	-	-	-
1630	0.67	15.33	1.33	-	-	-	-	-	-
1700	2.20	18.50	-	-	-	-	-	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.32	19.87	-	-	-	-	-	-	-
1800	1.79	16.96	-	-	-	-	-	-	0.45
1830	1.32	15.89	-	-	-	-	-	-	-
1900	2.56	17.09	-	-	-	-	-	-	-
1930	1.97	15.13	-	-	-	-	-	-	-
2000	5.24	15.71	-	-	-	-	-	-	-
2030	4.70	16.78	-	-	-	-	-	-	0.67
2100	3.76	13.15	-	-	-	-	-	-	-
2130	2.72	17.01	-	-	-	-	-	-	0.68
2200	3.51	17.54	-	-	-	-	-	-	0.44
2230	5.92	9.87	-	-	-	-	-	-	-
2300	4.78	13.88	-	0.48	-	-	0.48	-	0.48
2330	3.95	12.50	-	0.66	-	-	0.66	-	1.32
Mean	3.33	13.15	0.07	0.36	0.01	-	0.03	-	0.21



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in April are: rain – 13.15%, mist – 3.33%, fog – 0.36%.

The activity of thunderstorms in April constitutes 0.07%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

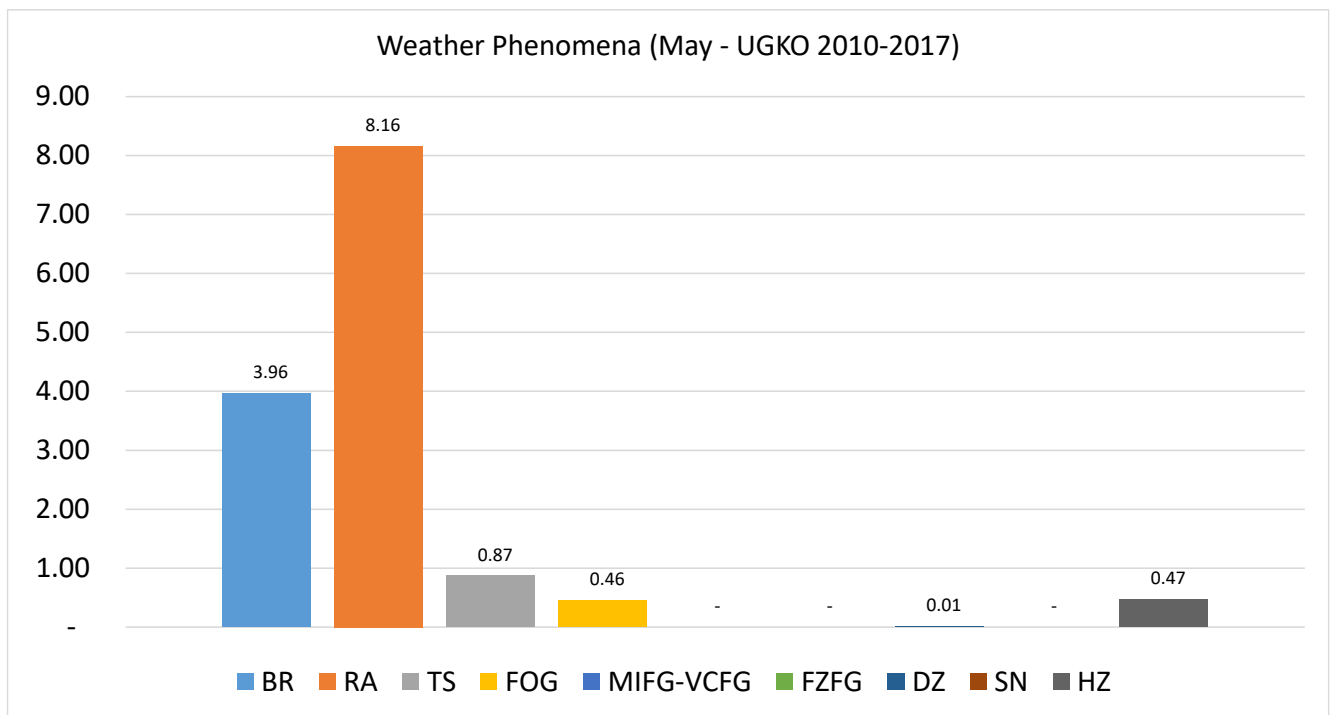
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	7.98	9.39	-	1.41	-	-	-	-	2.35
0030	10.26	6.41	-	3.21	-	-	-	-	1.92
0100	7.79	7.38	0.41	1.64	-	-	-	-	3.69
0130	10.90	10.90	0.64	2.56	-	-	0.64	-	1.92
0200	19.07	12.71	-	3.39	-	-	-	-	0.85
0230	14.10	8.97	-	3.21	-	-	-	-	1.28
0300	18.44	10.25	1.23	2.05	-	-	-	-	1.64
0330	9.80	8.50	1.31	0.65	-	-	-	-	0.65
0400	10.93	8.50	0.40	1.21	-	-	-	-	-
0430	6.25	10.63	-	0.63	-	-	-	-	-
0500	6.85	11.69	0.81	-	-	-	-	-	0.40
0530	1.99	10.60	0.66	-	-	-	-	-	-
0600	3.66	7.72	0.41	-	-	-	-	-	-
0630	1.91	6.37	0.64	-	-	-	-	-	-
0700	2.82	8.87	0.40	-	-	-	-	-	-
0730	2.55	5.73	-	-	-	-	-	-	-
0800	1.21	4.86	-	-	-	-	-	-	-
0830	1.27	7.59	-	-	-	-	-	-	-
0900	1.21	7.29	0.40	-	-	-	-	-	-
0930	1.31	5.88	-	-	-	-	-	-	-
1000	0.41	4.07	0.41	-	-	-	-	-	-
1030	0.65	6.54	1.31	-	-	-	-	-	0.65
1100	0.82	6.56	0.41	-	-	-	-	-	-
1130	-	7.10	1.29	-	-	-	-	-	0.65
1200	0.82	9.02	0.82	-	-	-	-	-	-
1230	-	10.32	2.58	-	-	-	-	-	-
1300	0.40	8.91	1.21	-	-	-	-	-	-
1330	-	10.32	3.23	-	-	-	-	-	-
1400	0.86	7.73	2.58	-	-	-	-	-	-
1430	-	8.33	0.64	-	-	-	-	-	-
1500	0.42	8.33	0.83	-	-	-	-	-	-
1530	0.65	12.99	1.95	-	-	-	-	-	-
1600	0.81	12.96	3.24	-	-	-	-	-	-
1630	1.28	10.26	1.28	-	-	-	-	-	-
1700	1.28	8.55	2.56	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.29	4.52	-	-	-	-	-	-	-
1800	0.44	9.25	3.52	-	-	-	-	-	-
1830	2.58	5.81	1.94	-	-	-	-	-	0.65
1900	1.65	8.68	1.24	-	-	-	-	-	0.41
1930	1.91	7.64	-	-	-	-	-	-	-
2000	1.39	6.48	0.93	-	-	-	-	-	0.46
2030	1.91	6.37	-	-	-	-	-	-	0.64
2100	2.71	8.14	1.36	-	-	-	-	-	0.45
2130	3.80	6.33	-	0.63	-	-	-	-	0.63
2200	4.45	4.86	0.40	-	-	-	-	-	0.40
2230	5.26	5.26	-	-	-	-	-	-	0.66
2300	6.45	7.83	-	-	-	-	-	-	0.92
2330	7.74	8.39	0.65	1.29	-	-	-	-	1.29
Mean	3.96	8.16	0.87	0.46	-	-	0.01	-	0.47



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in May are: rain – 8.16%, mist – 3.96%, fog – 0.46%.

The activity of thunderstorms in May constitutes 0.87%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

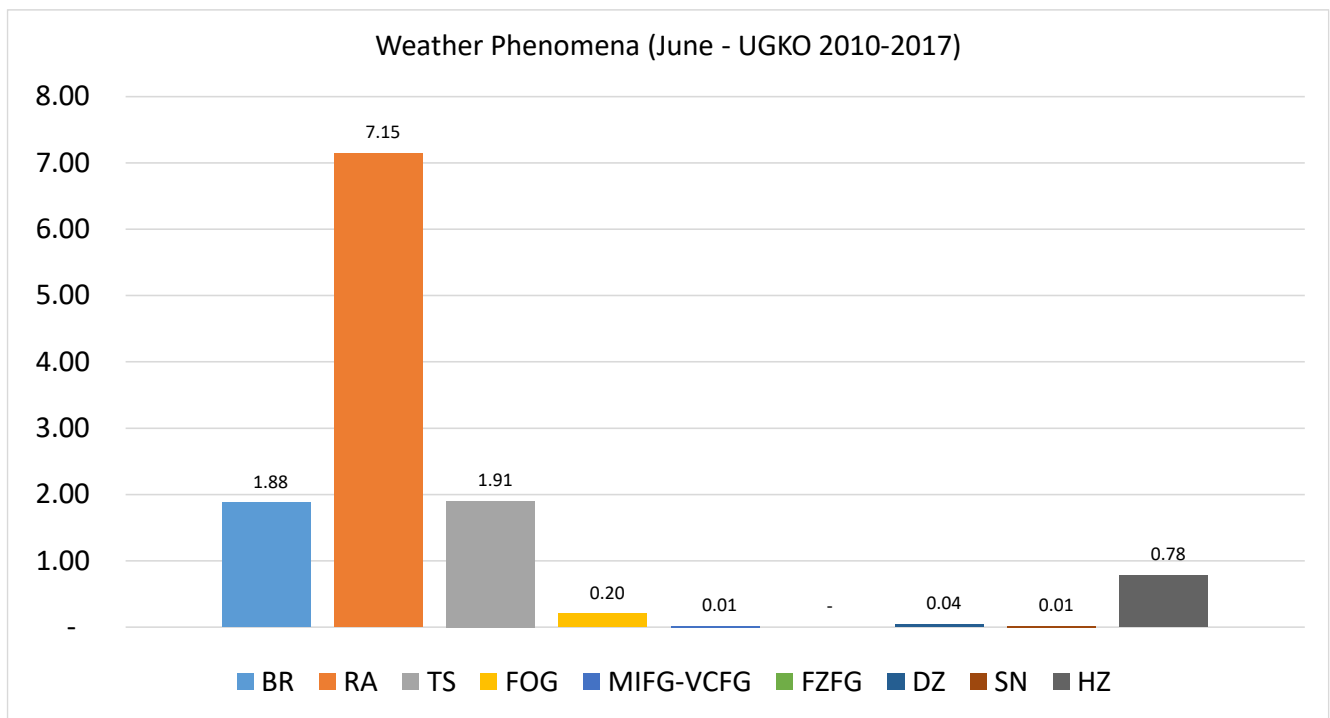
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.23	8.92	1.88	1.41	-	-	0.47	-	3.29
0030	4.58	8.50	2.61	1.96	-	-	-	-	3.92
0100	5.49	9.70	1.69	1.27	-	-	-	-	2.53
0130	11.92	9.27	1.32	1.32	0.66	-	-	-	5.30
0200	10.43	8.70	0.43	1.30	-	-	-	-	1.74
0230	7.14	7.79	-	0.65	-	-	0.65	-	2.60
0300	4.56	7.47	0.41	1.24	-	-	-	-	0.83
0330	3.92	8.50	-	-	-	-	-	-	-
0400	2.93	7.11	-	0.42	-	-	-	-	0.42
0430	-	5.26	-	-	-	-	-	-	-
0500	0.83	2.90	-	-	-	-	-	-	-
0530	-	4.67	-	-	-	-	-	-	-
0600	-	4.20	-	-	-	-	-	-	-
0630	-	1.99	-	-	-	-	-	-	-
0700	-	2.47	-	-	-	-	-	-	-
0730	-	1.32	0.66	-	-	-	-	-	-
0800	-	4.22	1.27	-	-	-	-	-	-
0830	-	5.96	0.66	-	-	-	-	-	-
0900	-	5.56	1.71	-	-	-	-	-	-
0930	-	5.30	1.32	-	-	-	-	-	-
1000	-	5.49	1.69	-	-	-	-	-	-
1030	-	2.58	1.29	-	-	-	-	-	-
1100	-	3.43	3.00	-	-	-	-	-	-
1130	-	3.27	1.96	-	-	-	-	-	-
1200	-	3.43	3.86	-	-	-	-	-	-
1230	-	3.33	1.33	-	-	-	-	-	-
1300	-	5.86	4.18	-	-	-	-	-	-
1330	-	6.58	1.97	-	-	-	-	-	-
1400	0.42	5.93	4.24	-	-	-	-	-	-
1430	-	9.27	2.65	-	-	-	-	-	-
1500	-	7.92	5.42	-	-	-	-	-	-
1530	0.67	10.00	3.33	-	-	-	-	-	-
1600	0.42	10.46	5.44	-	-	-	-	-	-
1630	0.66	10.60	1.32	-	-	-	-	-	0.66
1700	-	12.28	5.26	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	8.67	3.33	-	-	-	-	0.67	-
1800	0.44	9.29	4.87	-	-	-	-	-	-
1830	1.32	9.93	1.99	-	-	-	-	-	-
1900	0.43	12.77	5.11	-	-	-	0.43	-	-
1930	0.65	12.34	3.25	-	-	-	-	-	0.65
2000	1.40	12.09	1.86	-	-	-	-	-	-
2030	3.29	9.87	1.97	-	-	-	-	-	1.32
2100	1.87	8.88	1.40	-	-	-	0.47	-	1.40
2130	5.92	9.21	1.32	-	-	-	-	-	1.97
2200	2.49	8.30	2.49	-	-	-	-	-	2.49
2230	5.33	8.00	0.67	-	-	-	-	-	2.67
2300	4.72	7.55	0.94	-	-	-	-	-	0.47
2330	3.95	5.92	1.32	-	-	-	-	-	5.26
Mean	1.88	7.15	1.91	0.20	0.01	-	0.04	0.01	0.78



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in June are: rain – 7.15%, mist – 1.88%, haze – 0.78%.

The activity of thunderstorms in June constitutes 1.91%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

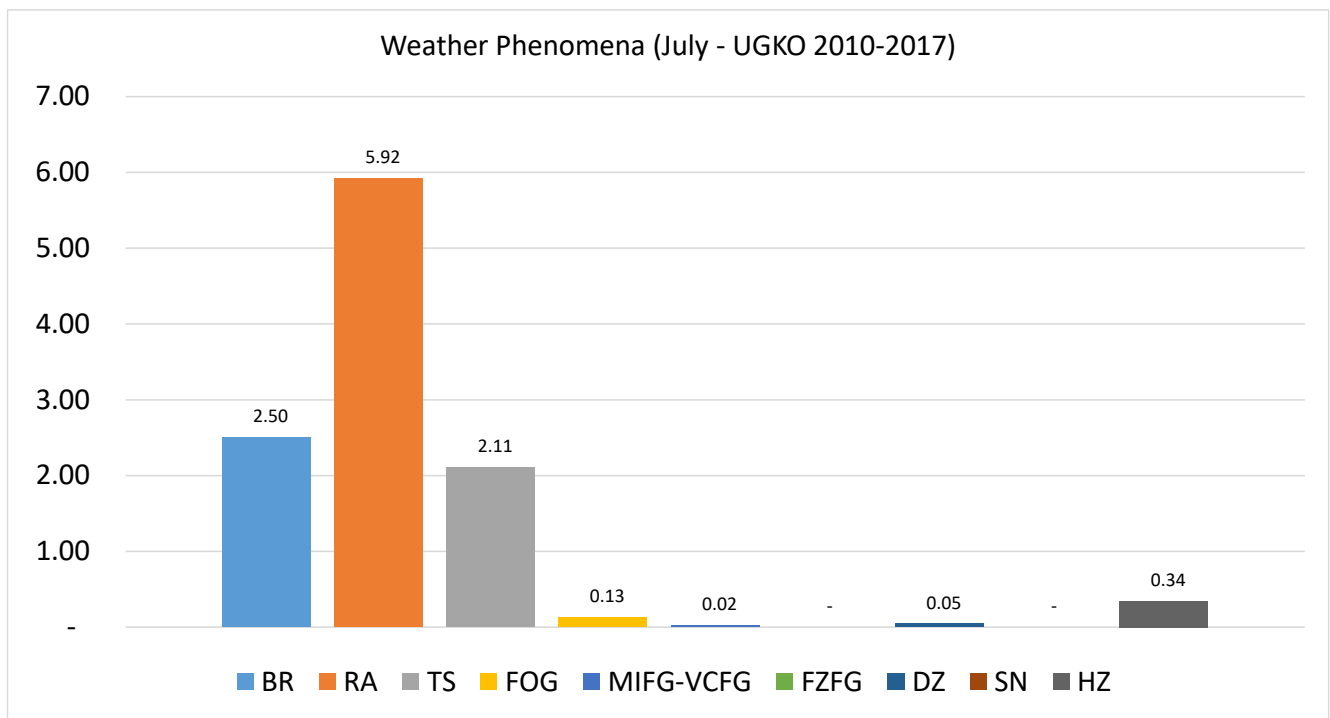
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	6.91	5.07	2.30	-	0.46	-	0.46	-	2.30
0030	10.90	5.77	1.92	-	0.64	-	-	-	1.28
0100	8.13	6.10	2.44	0.41	-	-	-	-	0.81
0130	13.38	9.55	1.27	0.64	-	-	-	-	3.82
0200	13.45	7.98	0.84	1.26	-	-	-	-	0.42
0230	11.11	9.15	1.96	1.96	-	-	0.65	-	-
0300	6.85	6.85	0.81	0.40	-	-	-	-	0.81
0330	3.21	7.05	-	0.64	-	-	-	-	-
0400	4.49	3.67	0.82	-	-	-	-	-	-
0430	1.92	7.69	-	0.64	-	-	-	-	-
0500	2.05	4.51	1.23	-	-	-	-	-	-
0530	-	7.79	0.65	-	-	-	-	-	-
0600	-	4.02	1.20	-	-	-	-	-	-
0630	-	6.58	0.66	-	-	-	-	-	-
0700	0.40	4.05	1.62	-	-	-	-	-	-
0730	0.64	4.49	0.64	-	-	-	-	-	-
0800	0.41	4.49	1.63	0.41	-	-	-	-	-
0830	0.65	3.87	0.65	-	-	-	-	-	-
0900	0.40	2.82	1.61	-	-	-	-	-	-
0930	0.65	6.45	-	-	-	-	-	-	-
1000	0.41	4.08	0.82	-	-	-	-	-	-
1030	0.65	4.55	-	-	-	-	-	-	-
1100	0.40	3.61	1.20	-	-	-	-	-	-
1130	-	5.81	0.65	-	-	-	-	-	-
1200	0.41	3.29	1.23	-	-	-	-	-	-
1230	-	3.31	1.32	-	-	-	-	-	-
1300	0.82	6.12	2.86	-	-	-	-	-	-
1330	-	5.77	1.92	-	-	-	-	-	-
1400	0.41	2.86	2.86	-	-	-	-	-	-
1430	0.64	5.10	3.82	-	-	-	-	-	-
1500	1.21	4.84	4.44	-	-	-	-	-	-
1530	1.27	5.73	4.46	-	-	-	-	-	-
1600	0.81	3.66	4.88	-	-	-	-	-	-
1630	1.30	6.49	3.25	-	-	-	-	-	-
1700	0.83	5.42	3.33	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.64	5.13	0.64	-	-	-	-	-	-
1800	0.83	4.98	4.56	-	-	-	-	-	-
1830	-	7.10	2.58	-	-	-	-	-	-
1900	1.22	7.76	4.49	-	-	-	-	-	-
1930	1.27	6.33	3.80	-	-	-	-	-	-
2000	1.83	8.72	4.59	-	-	-	0.46	-	-
2030	0.65	5.81	3.23	-	-	-	-	-	-
2100	1.82	10.00	5.45	-	-	-	-	-	1.36
2130	2.53	6.96	2.53	-	-	-	0.63	-	1.90
2200	2.05	10.25	3.28	-	-	-	-	-	0.82
2230	3.27	7.19	1.96	-	-	-	-	-	0.65
2300	4.17	6.94	2.31	-	-	-	-	-	0.93
2330	5.23	8.50	2.61	-	-	-	-	-	1.31
Mean	2.50	5.92	2.11	0.13	0.02	-	0.05	-	0.34



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in July are: rain – 5.92%, mist – 2.50%, haze – 0.34%.

The activity of thunderstorms in July constitutes 2.11%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

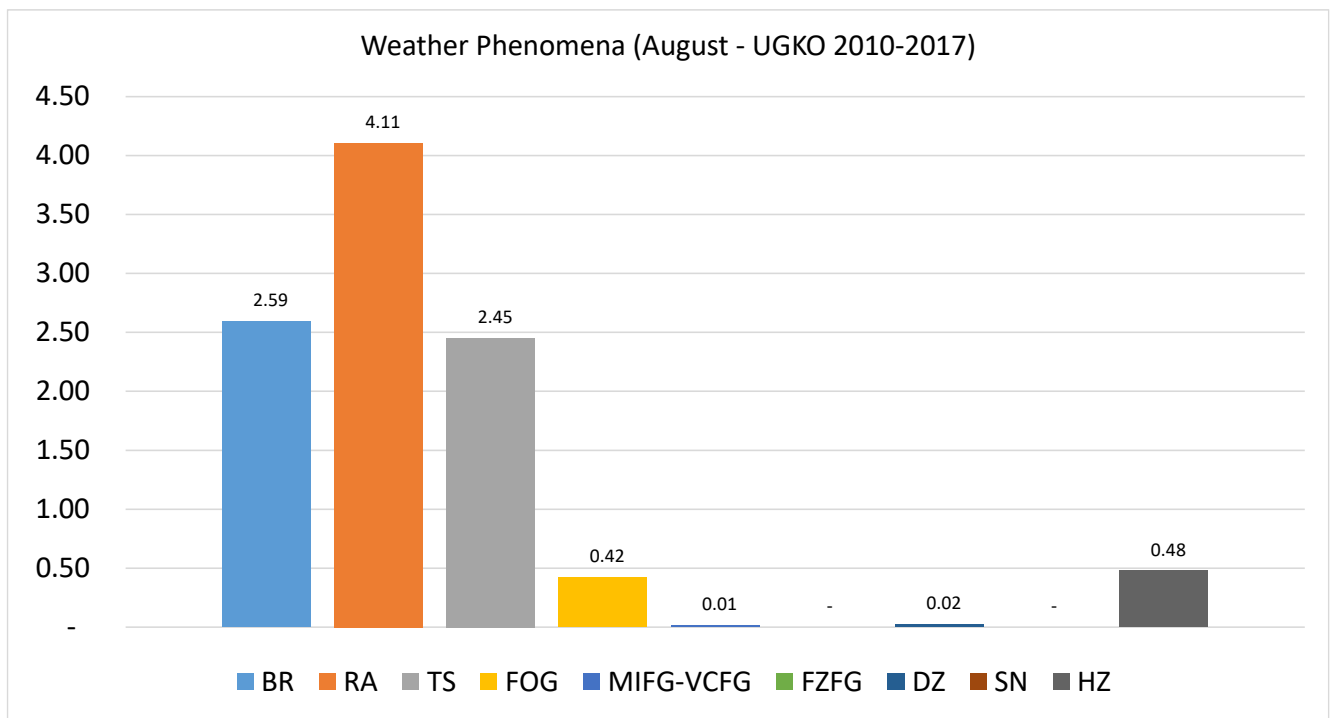
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.65	6.51	3.72	-	-	-	0.47	-	3.26
0030	7.24	6.58	2.63	-	-	-	-	-	-
0100	7.26	5.56	2.99	0.43	-	-	-	-	1.28
0130	11.92	5.30	1.99	0.66	-	-	-	-	3.31
0200	12.89	2.67	1.33	1.78	-	-	-	-	1.33
0230	16.00	2.00	2.00	2.67	0.67	-	-	-	1.33
0300	14.58	3.33	0.83	3.75	-	-	-	-	0.42
0330	9.93	1.99	-	3.97	-	-	-	-	1.99
0400	6.17	3.70	0.41	1.65	-	-	-	-	0.41
0430	3.95	4.61	-	1.32	-	-	-	-	-
0500	1.23	2.87	0.41	0.41	-	-	-	-	-
0530	0.65	3.90	1.30	-	-	-	-	-	-
0600	0.83	2.92	0.42	-	-	-	-	-	-
0630	0.66	0.66	0.66	-	-	-	-	-	-
0700	0.41	2.07	0.83	-	-	-	-	-	-
0730	-	1.99	-	-	-	-	-	-	0.66
0800	0.42	2.93	0.84	-	-	-	-	-	-
0830	0.65	2.60	1.95	-	-	-	-	-	-
0900	0.82	2.45	1.63	-	-	-	-	-	-
0930	0.67	2.00	2.67	-	-	-	-	-	-
1000	0.83	2.07	-	-	-	-	-	-	-
1030	0.65	2.60	-	-	-	-	-	-	-
1100	-	1.65	-	-	-	-	-	-	-
1130	-	1.32	-	-	-	-	-	-	-
1200	-	1.65	0.41	-	-	-	-	-	-
1230	-	2.63	0.66	-	-	-	-	-	-
1300	-	2.45	0.82	-	-	-	-	-	-
1330	-	3.97	1.32	-	-	-	-	-	-
1400	-	3.69	1.64	-	-	-	-	-	-
1430	-	3.95	0.66	-	-	-	-	-	-
1500	-	2.07	1.24	-	-	-	-	-	-
1530	-	3.23	0.65	-	-	-	-	-	-
1600	0.41	2.49	2.07	-	-	-	-	-	-
1630	-	1.99	1.32	-	-	-	-	-	-
1700	0.85	5.93	5.08	-	-	-	-	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	6.71	7.38	-	-	-	-	-	-
1800	0.43	9.01	9.44	-	-	-	-	-	-
1830	-	6.90	5.52	-	-	-	-	-	-
1900	0.43	7.26	9.83	-	-	-	-	-	-
1930	-	3.47	4.17	-	-	-	-	-	0.69
2000	0.47	7.55	7.08	-	-	-	-	-	-
2030	0.66	4.61	1.97	-	-	-	-	-	0.66
2100	2.37	7.11	5.21	-	-	-	-	-	-
2130	1.97	5.92	3.29	1.32	-	-	-	-	1.32
2200	2.95	8.02	4.64	0.42	-	-	-	-	2.53
2230	4.00	8.00	7.33	1.33	-	-	0.67	-	0.67
2300	4.27	7.11	4.74	-	-	-	-	-	0.47
2330	3.29	7.24	4.61	0.66	-	-	-	-	2.63
Mean	2.59	4.11	2.45	0.42	0.01	-	0.02	-	0.48



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in August are: rain – 4.11%, mist – 2.59%, haze – 0.48%.

The activity of thunderstorms in August constitutes 2.45%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

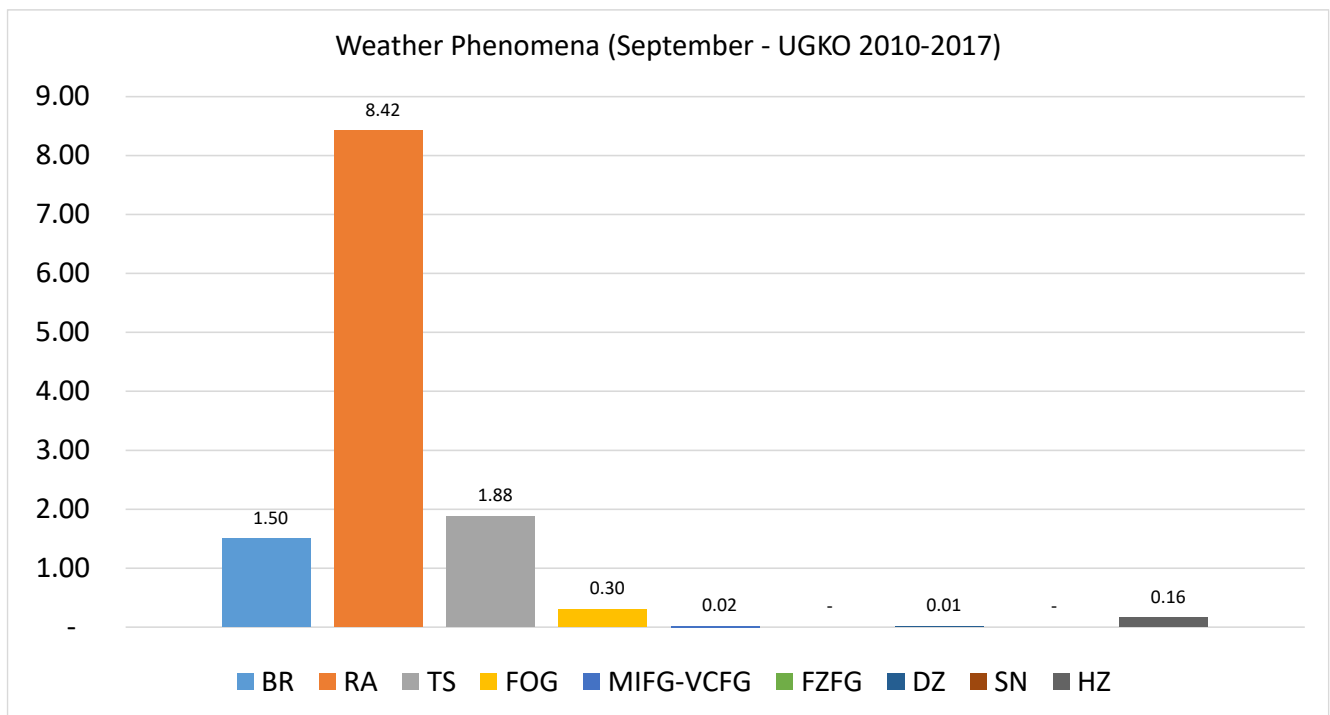
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.31	11.16	3.31	-	-	-	-	-	1.24
0030	5.33	12.00	2.67	-	-	-	-	-	0.67
0100	2.93	10.46	1.67	0.84	-	-	-	-	0.42
0130	5.23	13.07	1.96	-	-	-	-	-	0.65
0200	7.02	9.50	2.48	1.65	0.41	-	-	-	0.41
0230	7.19	9.15	1.31	1.31	-	-	-	-	1.31
0300	7.14	8.40	1.26	2.52	-	-	-	-	-
0330	4.03	10.07	1.34	2.68	-	-	-	-	-
0400	4.18	9.21	1.26	1.67	0.42	-	-	-	-
0430	2.70	8.11	1.35	0.68	-	-	-	-	-
0500	1.26	7.11	1.67	0.42	-	-	-	-	-
0530	-	8.00	0.67	0.67	-	-	-	-	-
0600	0.84	6.75	1.27	-	-	-	-	-	-
0630	-	6.54	-	-	-	-	-	-	-
0700	-	5.51	0.85	-	-	-	-	-	-
0730	-	6.67	0.67	-	-	-	-	-	-
0800	-	6.33	1.27	-	-	-	-	-	-
0830	-	6.58	-	-	-	-	-	-	-
0900	-	7.56	0.42	-	-	-	-	-	-
0930	-	5.92	0.66	-	-	-	-	-	-
1000	0.43	7.66	0.85	-	-	-	-	-	-
1030	0.67	6.04	-	-	-	-	-	-	-
1100	0.43	7.23	1.28	-	-	-	-	-	-
1130	0.68	6.08	0.68	-	-	-	-	-	-
1200	-	8.40	2.52	-	-	-	-	-	-
1230	-	3.29	0.66	-	-	-	-	-	-
1300	-	8.02	1.27	-	-	-	-	-	-
1330	-	8.72	1.34	-	-	-	-	-	-
1400	-	5.49	2.11	-	-	-	-	-	0.42
1430	-	6.80	1.36	-	-	-	-	-	-
1500	-	8.47	2.12	-	-	-	-	-	-
1530	-	10.74	1.34	-	-	-	-	-	-
1600	-	9.17	2.92	-	-	-	-	-	-
1630	-	9.72	3.47	-	-	-	-	-	-
1700	-	7.66	3.40	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	10.74	3.36	-	-	-	-	-	-
1800	-	10.08	3.78	-	-	-	-	-	-
1830	0.66	9.27	5.30	-	-	-	-	-	-
1900	0.42	8.40	4.62	-	-	-	-	-	-
1930	0.67	8.05	2.01	-	-	-	-	-	-
2000	0.42	9.21	2.51	-	-	-	-	-	-
2030	0.68	8.78	2.03	-	-	-	0.68	-	0.68
2100	0.43	11.11	2.99	-	-	-	-	-	-
2130	1.99	8.61	2.65	-	-	-	-	-	0.66
2200	2.12	6.78	1.69	0.42	-	-	-	-	0.42
2230	2.65	11.26	3.31	1.32	-	-	-	-	-
2300	2.55	8.94	2.55	0.43	-	-	-	-	0.85
2330	5.96	11.26	1.99	-	-	-	-	-	-
Mean	1.50	8.42	1.88	0.30	0.02	-	0.01	-	0.16



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in September are: rain – 8.42%, mist – 1.50%, haze – 0.16%.

The activity of thunderstorms in September constitutes 1.88%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

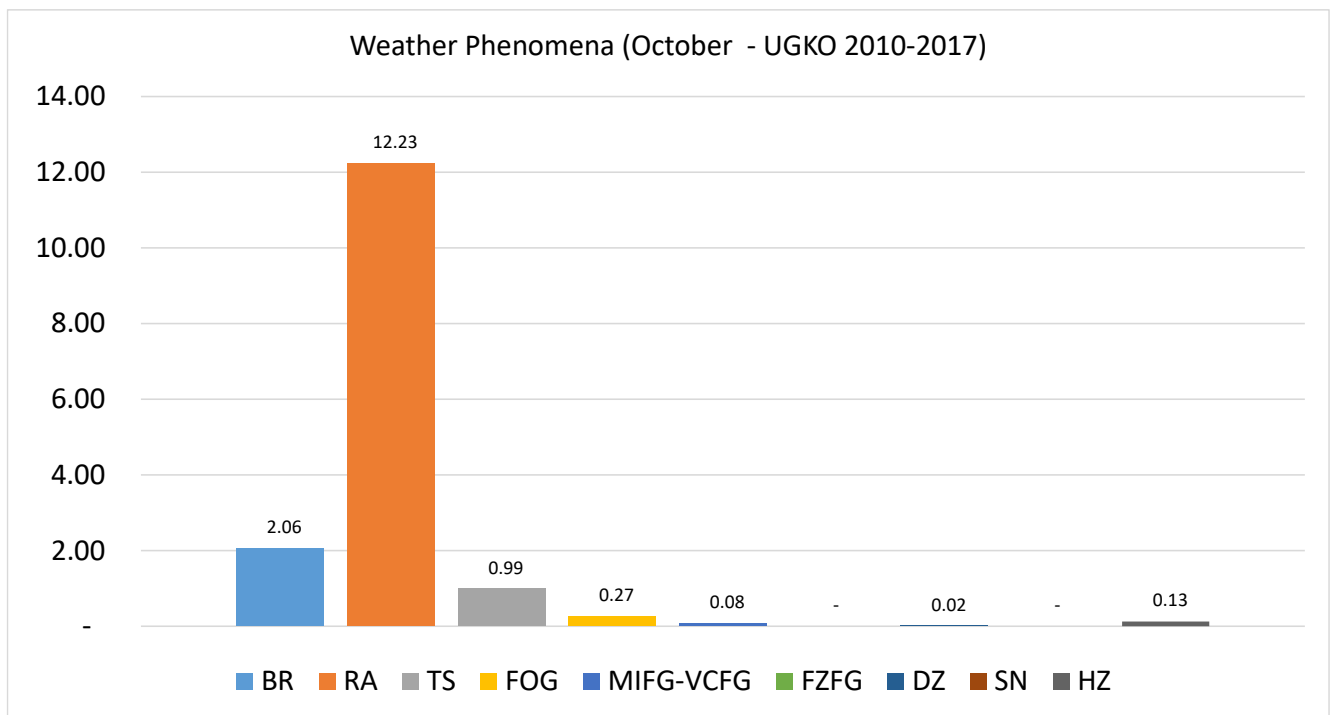
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	5.41	11.26	0.90	1.35	-	-	-	-	0.90
0030	4.92	13.93	0.82	1.64	-	-	-	-	0.82
0100	4.47	15.45	1.63	1.22	0.81	-	-	-	0.41
0130	8.87	12.90	0.81	-	0.81	-	-	-	0.81
0200	7.82	17.70	2.47	-	-	-	-	-	-
0230	7.26	14.52	2.42	-	-	-	-	-	-
0300	4.86	16.19	1.21	-	-	-	-	-	-
0330	5.79	13.22	0.83	0.83	-	-	-	-	-
0400	5.28	15.85	0.81	0.41	1.22	-	-	-	-
0430	3.17	12.70	0.79	0.79	0.79	-	-	-	-
0500	2.03	14.63	0.41	1.22	-	-	-	-	-
0530	1.52	8.33	-	-	-	-	-	-	-
0600	2.45	13.47	0.41	0.41	-	-	-	-	-
0630	0.75	10.53	-	-	-	-	-	-	-
0700	1.22	10.98	0.41	-	-	-	-	-	-
0730	-	8.00	-	-	-	-	-	-	-
0800	1.22	13.06	-	-	-	-	-	-	-
0830	-	10.74	-	-	-	-	-	-	-
0900	0.81	10.98	-	-	-	-	-	-	-
0930	0.81	11.29	-	-	-	-	-	-	-
1000	1.22	8.13	-	-	-	-	-	-	-
1030	-	8.94	-	-	-	-	-	-	-
1100	-	9.72	0.40	-	-	-	-	-	-
1130	-	8.33	-	-	-	-	-	-	0.83
1200	-	9.68	-	-	-	-	-	-	-
1230	-	10.94	0.78	-	-	-	-	-	-
1300	-	9.92	-	-	-	-	-	-	-
1330	-	11.38	0.81	-	-	-	-	-	-
1400	-	6.56	0.41	-	-	-	-	-	-
1430	-	8.94	1.63	-	-	-	-	-	-
1500	0.41	8.16	0.82	-	-	-	-	-	-
1530	-	11.81	3.94	-	-	-	-	-	-
1600	1.22	11.02	2.04	-	-	-	-	-	-
1630	-	12.10	1.61	-	-	-	-	-	-
1700	1.22	10.98	2.44	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	14.29	1.59	-	-	-	-	-	-
1800	1.63	11.43	2.04	-	-	-	-	-	-
1830	0.81	14.63	2.44	-	-	-	-	-	-
1900	2.03	13.01	2.03	-	-	-	-	-	-
1930	-	12.80	3.20	-	-	-	0.80	-	-
2000	4.39	15.35	0.88	-	-	-	-	-	0.44
2030	0.81	17.89	0.81	-	-	-	-	-	-
2100	4.41	12.33	1.32	-	-	-	-	-	0.44
2130	0.82	13.93	1.64	0.82	-	-	-	-	-
2200	2.07	13.22	-	0.83	-	-	-	-	-
2230	2.42	14.52	-	0.81	-	-	-	-	1.61
2300	2.67	15.11	1.33	1.78	-	-	-	-	-
2330	4.10	16.39	1.64	0.82	-	-	-	-	-
Mean	2.06	12.23	0.99	0.27	0.08	-	0.02	-	0.13



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in October are: rain – 12.23%, mist – 2.06%, fog – 0.27%.

The activity of thunderstorms in October constitutes 0.99%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9360

OBSERVATION INTERVAL: 30 MIN.

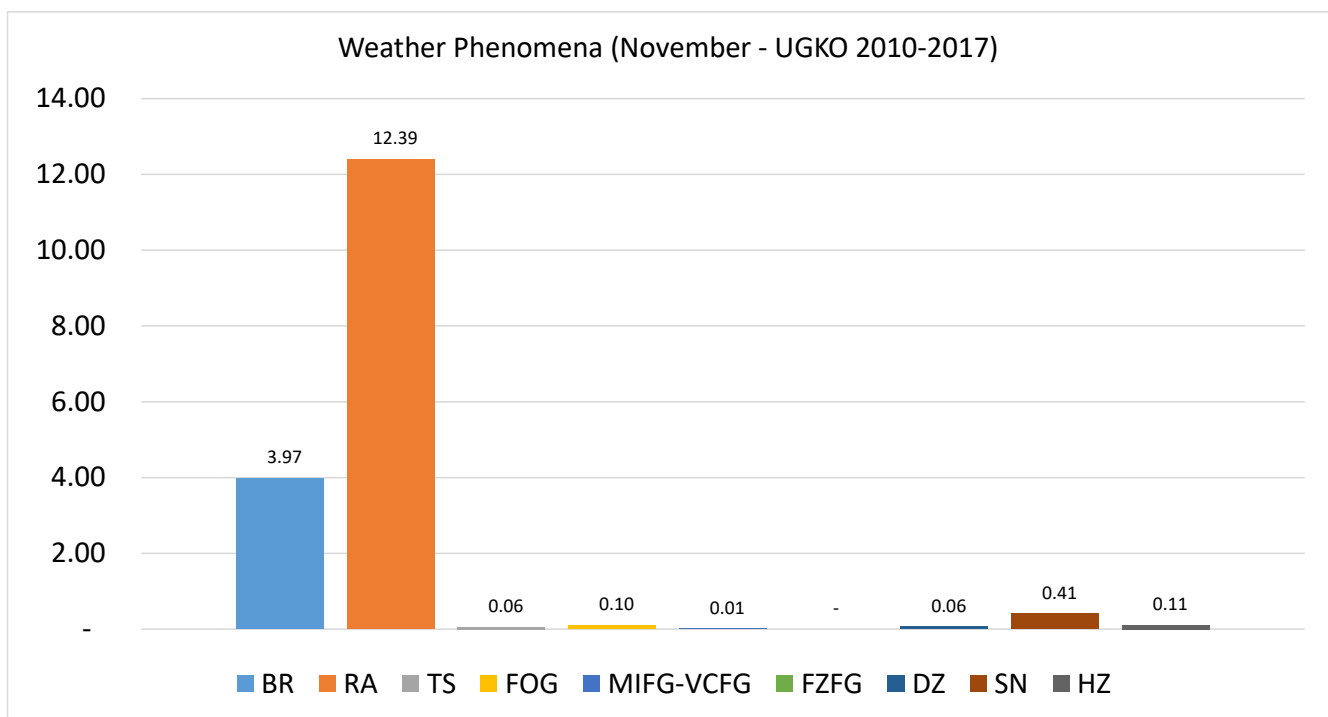
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.66	16.10	-	1.27	-	-	-	0.42	-
0030	5.37	17.45	-	0.67	-	-	0.67	-	0.67
0100	6.58	14.40	-	0.82	-	-	0.41	0.41	-
0130	8.50	16.34	-	0.65	-	-	-	0.65	-
0200	7.92	15.83	-	-	-	-	-	0.42	-
0230	8.55	11.84	-	-	-	-	-	-	0.66
0300	8.40	13.87	-	-	-	-	-	0.42	0.42
0330	7.33	14.00	-	-	-	-	-	-	0.67
0400	5.42	15.83	-	-	0.42	-	0.42	0.83	-
0430	7.19	14.38	-	-	-	-	-	-	-
0500	4.56	14.52	-	-	-	-	-	-	-
0530	3.33	13.33	-	-	-	-	-	-	-
0600	4.55	12.40	-	-	-	-	-	-	-
0630	3.33	12.00	-	-	-	-	-	-	-
0700	2.50	13.33	-	-	-	-	-	1.25	-
0730	0.68	11.49	-	-	-	-	-	-	-
0800	2.49	12.86	-	-	-	-	-	0.83	-
0830	1.95	13.64	-	-	-	-	-	-	-
0900	2.10	9.66	0.42	-	-	-	-	0.42	-
0930	1.29	9.68	-	-	-	-	-	-	-
1000	1.24	10.37	0.41	-	-	-	-	0.83	-
1030	0.66	9.87	-	-	-	-	-	-	-
1100	1.25	8.75	-	-	-	-	-	0.83	-
1130	0.65	8.50	-	-	-	-	-	0.65	-
1200	0.83	9.50	0.41	-	-	-	-	0.41	-
1230	0.67	10.74	-	-	-	-	-	0.67	-
1300	0.83	8.33	0.42	-	-	-	-	0.42	-
1330	0.66	13.16	-	-	-	-	-	0.66	-
1400	0.84	10.92	-	-	-	-	-	0.42	-
1430	1.30	12.34	-	-	-	-	-	-	-
1500	1.67	11.72	-	-	-	-	-	0.42	-
1530	1.94	10.97	-	-	-	-	-	-	-
1600	2.51	10.46	0.42	-	-	-	-	0.42	-
1630	2.48	10.56	0.62	-	-	-	-	-	-
1700	3.32	13.69	-	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	3.75	13.75	-	-	-	-	-	0.63	0.63
1800	4.56	16.18	-	-	-	-	-	0.41	-
1830	4.70	12.08	-	-	-	-	-	0.67	-
1900	4.62	13.45	-	0.42	-	-	-	0.42	0.42
1930	4.64	9.27	-	-	-	-	-	0.66	-
2000	5.86	11.30	-	-	-	-	-	0.84	0.42
2030	5.84	11.04	-	0.65	-	-	-	-	-
2100	6.28	11.72	-	0.42	-	-	-	1.26	0.42
2130	7.33	11.33	-	-	-	-	1.33	1.33	-
2200	7.63	10.17	-	-	-	-	-	0.85	0.42
2230	7.33	14.00	-	-	-	-	-	0.67	-
2300	6.69	12.97	-	-	-	-	-	0.42	0.42
2330	3.87	14.84	-	-	-	-	-	-	-
Mean	3.97	12.39	0.06	0.10	0.01	-	0.06	0.41	0.11



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in November are: rain – 12.39%, mist – 3.97%, snow – 0.41%.

The activity of thunderstorms in November constitutes 0.06%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9672

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

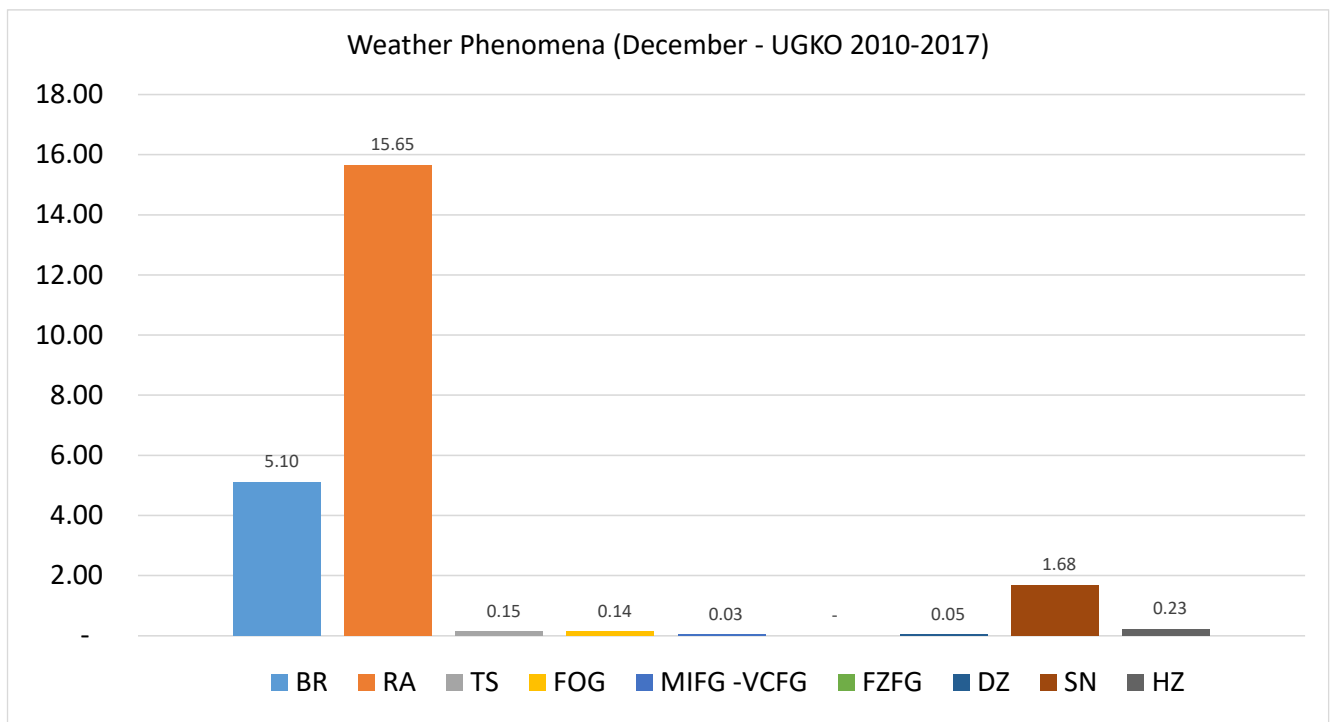
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	6.10	12.60	0.41	0.41	-	-	-	2.85	-
0030	7.84	13.73	-	1.31	-	-	-	1.96	0.65
0100	6.00	14.00	-	0.40	-	-	-	1.20	0.40
0130	6.49	16.23	-	0.65	-	-	0.65	1.30	1.30
0200	6.58	15.64	-	0.41	-	-	-	0.82	-
0230	8.05	17.45	-	0.67	-	-	-	2.01	0.67
0300	4.92	15.16	-	-	-	-	-	0.41	0.41
0330	5.23	15.03	-	-	-	-	0.65	-	-
0400	5.74	14.75	-	-	-	-	-	0.82	-
0430	4.05	19.59	-	-	-	-	-	-	-
0500	4.45	14.57	-	-	-	-	0.40	1.21	0.40
0530	3.95	19.74	-	-	-	-	-	1.32	-
0600	4.08	13.88	-	-	-	-	-	0.82	-
0630	4.00	18.00	-	-	-	-	-	0.67	-
0700	3.69	15.57	-	-	-	-	-	1.23	-
0730	4.64	16.56	-	-	-	-	-	1.32	-
0800	2.83	13.77	0.40	-	-	-	-	1.21	-
0830	2.04	17.69	0.68	-	-	-	-	1.36	0.68
0900	2.83	11.74	0.40	-	-	-	-	0.81	0.40
0930	2.00	18.67	0.67	-	-	-	-	0.67	-
1000	2.02	13.77	0.40	-	-	-	-	0.40	-
1030	2.08	15.28	0.69	-	-	-	-	0.69	-
1100	2.46	14.34	0.41	-	-	-	-	1.23	-
1130	4.03	17.45	-	-	-	-	-	2.68	-
1200	1.65	15.23	-	-	-	-	-	1.65	-
1230	1.38	17.93	-	-	-	-	-	1.38	-
1300	1.66	18.26	-	-	-	-	-	0.83	-
1330	0.70	19.72	-	-	-	-	-	-	-
1400	1.68	17.23	-	-	-	-	-	-	0.42
1430	5.59	16.08	-	-	-	-	-	3.50	-
1500	4.56	14.94	-	-	-	-	-	1.24	-
1530	6.94	16.67	-	-	-	-	-	4.17	0.69
1600	6.30	13.45	-	-	-	-	-	1.26	-
1630	6.67	16.67	-	-	-	-	-	4.00	-
1700	4.94	16.87	-	-	0.41	-	-	2.47	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	4.03	17.45	-	-	0.67	-	0.67	4.03	-
1800	6.64	14.94	-	-	0.41	-	-	2.49	0.41
1830	7.95	16.56	-	-	-	-	-	3.31	-
1900	5.81	14.94	-	-	-	-	-	2.07	0.41
1930	8.28	15.17	-	-	-	-	-	2.07	-
2000	6.67	12.92	0.83	-	-	-	-	1.25	-
2030	8.33	14.58	-	-	-	-	-	2.78	2.08
2100	6.61	14.46	-	-	-	-	-	2.07	0.41
2130	10.27	15.75	0.68	0.68	-	-	-	3.42	-
2200	7.79	13.11	0.82	0.41	-	-	-	2.05	-
2230	9.15	15.03	0.65	0.65	-	-	-	2.61	0.65
2300	7.14	11.76	-	0.42	-	-	-	1.68	0.42
2330	8.16	16.33	-	0.68	-	-	-	3.40	0.68
Mean	5.10	15.65	0.15	0.14	0.03	-	0.05	1.68	0.23



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in December are: rain – 15.65%, mist – 5.10%, snow – 1.68%.

The activity of thunderstorms in December constitutes 0.15%.

# WEATHER PHENOMENA PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 28152

OBSERVATION INTERVAL: 30 MIN.

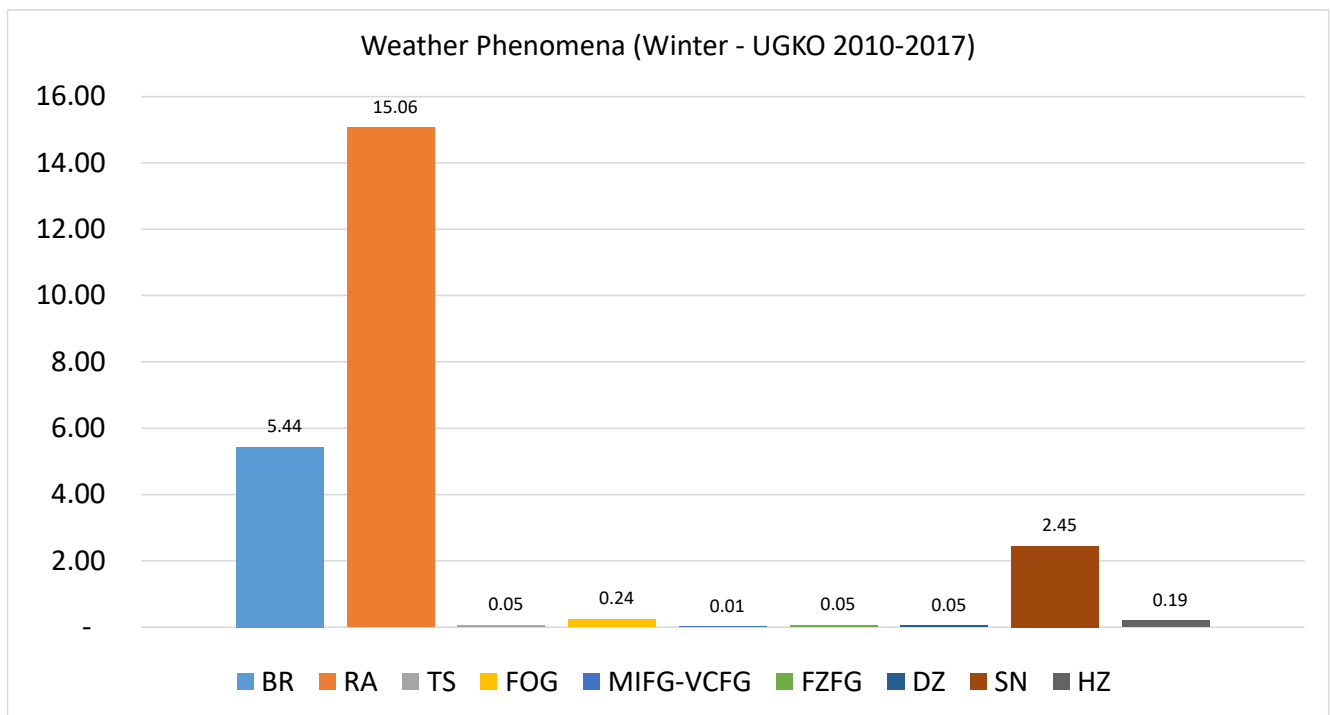
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	6.80	14.22	0.15	0.31	-	0.15	-	3.25	0.15
0030	7.26	13.83	-	0.68	-	0.23	0.23	1.36	0.91
0100	7.03	16.03	-	0.28	-	0.14	-	3.09	0.42
0130	5.91	15.00	-	0.91	-	0.45	0.23	2.05	0.68
0200	7.83	16.11	-	0.60	-	0.15	0.15	2.41	0.15
0230	6.19	15.60	-	0.69	-	0.23	0.23	2.06	0.46
0300	7.29	16.43	-	0.43	-	0.14	-	1.86	0.71
0330	6.11	15.38	-	0.68	-	0.23	0.23	1.36	-
0400	7.37	16.15	-	0.42	-	-	-	2.27	-
0430	5.54	15.47	-	0.69	-	-	-	1.85	-
0500	6.92	15.40	-	0.42	-	-	0.14	3.11	0.14
0530	6.61	16.86	-	0.46	-	0.23	-	2.28	-
0600	6.59	15.01	-	0.42	-	0.14	-	2.95	-
0630	4.37	16.09	-	0.23	-	0.23	-	2.07	-
0700	5.67	15.30	-	0.14	-	-	-	2.97	-
0730	3.43	15.33	-	0.23	-	-	-	1.60	-
0800	4.36	14.63	0.14	0.14	-	-	-	2.25	-
0830	3.20	15.56	0.23	-	-	-	-	2.29	0.23
0900	4.23	13.10	0.14	-	-	-	-	2.39	0.14
0930	3.18	15.45	0.23	-	-	-	-	1.59	-
1000	4.10	14.55	0.14	-	-	-	-	2.26	-
1030	3.50	13.99	0.23	-	-	-	-	1.17	-
1100	3.84	15.50	0.14	-	-	-	-	2.42	-
1130	3.42	15.26	-	-	-	-	-	2.05	-
1200	3.57	14.86	-	-	-	-	-	3.00	0.14
1230	1.85	16.40	-	-	-	-	-	1.39	-
1300	2.55	17.00	-	-	-	-	-	1.70	-
1330	2.09	17.44	-	-	-	-	-	1.40	-
1400	3.20	15.26	-	-	-	-	-	2.03	0.15
1430	4.19	14.19	-	-	-	-	-	2.09	-
1500	4.37	15.14	-	-	-	-	-	2.18	-
1530	5.08	14.78	-	-	-	-	-	2.54	0.23
1600	5.44	14.47	-	-	-	-	-	2.58	-
1630	5.25	15.53	-	-	-	-	-	3.42	-
1700	6.00	15.44	-	-	0.15	-	-	3.30	0.15

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	4.59	14.68	-	0.23	0.23	-	0.23	3.67	-
1800	7.05	14.39	-	0.15	0.15	-	-	3.45	0.15
1830	5.72	15.10	-	0.23	-	-	-	2.29	-
1900	6.05	13.40	0.14	0.29	-	-	-	2.88	0.14
1930	6.98	13.72	-	0.23	-	-	-	1.86	0.23
2000	6.49	14.22	0.31	0.15	-	-	0.15	3.09	-
2030	6.03	14.62	-	0.23	-	-	0.23	3.02	1.16
2100	6.57	15.02	-	0.16	-	-	0.16	3.13	0.16
2130	8.10	15.51	0.23	0.46	-	-	-	3.01	-
2200	7.10	14.95	0.30	0.30	-	-	-	3.32	0.45
2230	7.06	13.21	0.23	0.46	-	-	-	3.19	0.46
2300	7.18	13.73	-	0.31	-	-	-	2.81	0.31
2330	7.66	13.69	-	0.46	-	-	0.23	3.25	1.16
Mean	5.44	15.06	0.05	0.24	0.01	0.05	0.05	2.45	0.19



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in winter are: rain – 15.06%, mist – 5.44%, snow – 2.45%.

The activity of thunderstorms in winter constitutes 0.05%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGKO

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

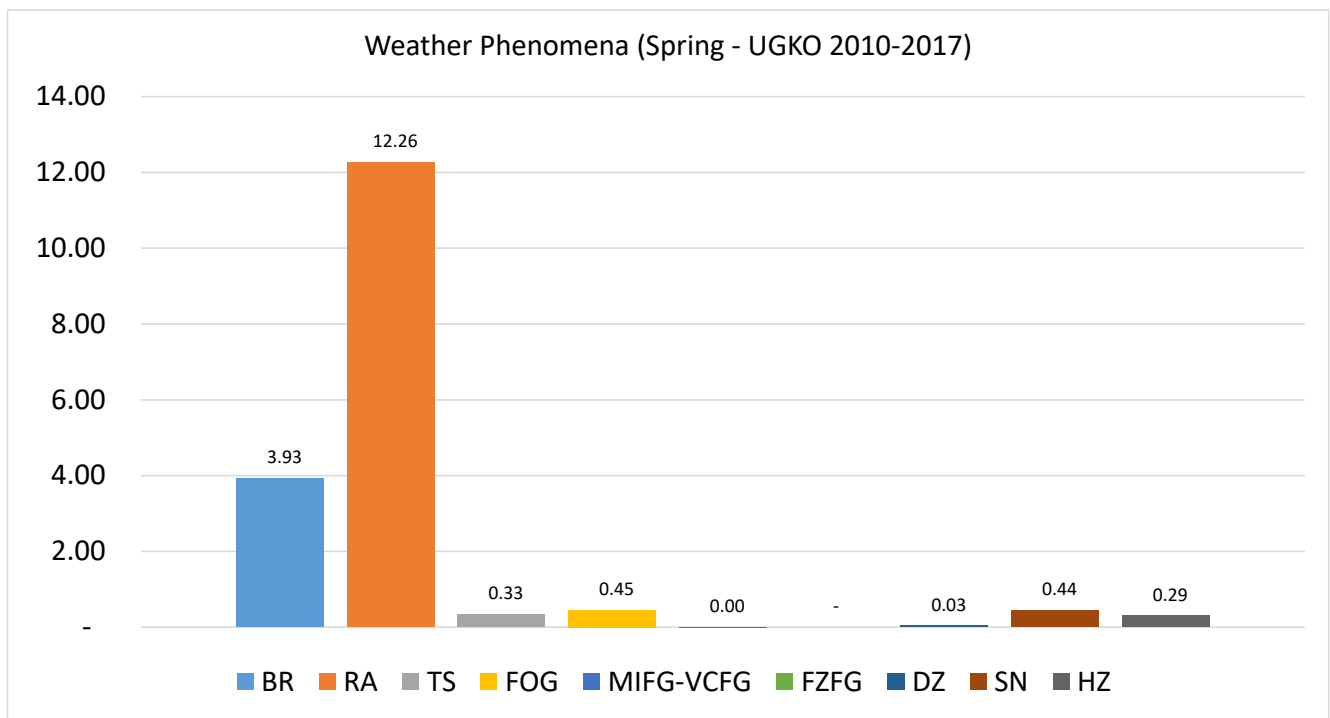
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	7.68	14.58	-	1.10	-	-	-	1.10	0.94
0030	6.03	10.78	-	2.16	-	-	-	-	1.72
0100	7.24	13.52	0.14	1.50	-	-	0.14	1.37	1.50
0130	7.83	13.91	0.22	1.52	-	-	0.22	-	0.87
0200	13.01	15.50	-	1.90	-	-	-	0.73	0.73
0230	9.76	12.36	-	1.74	0.22	-	-	-	0.43
0300	13.62	14.58	0.41	2.20	-	-	-	0.83	0.55
0330	8.10	13.57	0.44	1.09	-	-	-	0.44	0.44
0400	9.95	15.80	0.14	1.91	-	-	-	0.82	0.14
0430	4.71	14.99	-	0.86	-	-	-	0.43	-
0500	8.17	16.49	0.27	0.68	-	-	-	1.09	0.14
0530	2.63	13.60	0.22	-	-	-	0.22	-	-
0600	5.48	12.88	0.14	-	-	-	-	0.96	-
0630	2.41	10.31	0.22	-	-	-	-	-	-
0700	4.12	12.35	0.14	-	-	-	-	0.82	-
0730	2.39	9.98	-	-	-	-	-	-	-
0800	2.47	10.70	-	-	-	-	-	0.69	-
0830	1.73	11.02	-	-	-	-	-	0.22	0.22
0900	2.46	11.20	0.14	-	-	-	-	0.96	-
0930	1.31	9.39	-	-	-	-	-	-	-
1000	2.05	10.27	0.14	-	-	-	-	0.82	-
1030	1.31	9.83	0.44	-	-	-	-	-	0.22
1100	1.52	9.41	0.14	-	-	-	-	0.41	-
1130	0.65	10.20	0.43	-	-	-	-	0.22	0.22
1200	1.67	11.94	0.28	0.14	-	-	-	0.56	-
1230	0.65	10.00	0.87	-	-	-	-	-	-
1300	1.10	10.55	0.41	0.14	-	-	-	0.68	-
1330	0.43	10.87	1.09	-	-	-	-	-	-
1400	1.42	11.79	0.85	0.14	-	-	-	0.43	0.14
1430	0.43	9.78	0.43	-	-	-	-	-	0.22
1500	1.25	10.58	0.56	0.14	-	-	-	0.70	-
1530	0.66	12.45	0.66	-	-	-	-	0.22	0.22
1600	1.79	15.01	1.24	0.14	-	-	-	0.41	-
1630	0.87	13.54	0.87	-	-	-	-	0.22	-
1700	2.74	14.55	1.01	0.14	-	-	-	0.86	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.96	12.39	0.22	-	-	-	-	-	-
1800	2.19	14.33	1.32	0.15	-	-	0.29	0.73	0.15
1830	1.96	10.68	0.87	-	-	-	-	-	0.22
1900	2.62	14.90	0.55	0.14	-	-	-	0.55	0.14
1930	2.16	11.88	-	-	-	-	-	-	-
2000	4.02	12.67	0.31	0.31	-	-	-	1.08	0.15
2030	4.15	12.45	-	0.22	-	-	-	-	0.44
2100	4.75	11.35	0.46	0.31	-	-	-	0.77	0.46
2130	3.93	12.45	-	0.44	-	-	-	-	0.66
2200	4.69	13.21	0.14	0.43	-	-	-	0.99	0.28
2230	4.81	9.63	-	0.44	-	-	0.22	-	0.66
2300	6.24	12.32	-	0.62	-	-	0.16	0.94	0.94
2330	5.48	12.06	0.22	0.88	-	-	0.22	-	1.32
Mean	3.93	12.26	0.33	0.45	0.00	-	0.03	0.44	0.29



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in spring are: rain – 12.26%, mist – 3.93%, snow – 0.44%.

The activity of thunderstorms in spring constitutes 0.33%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

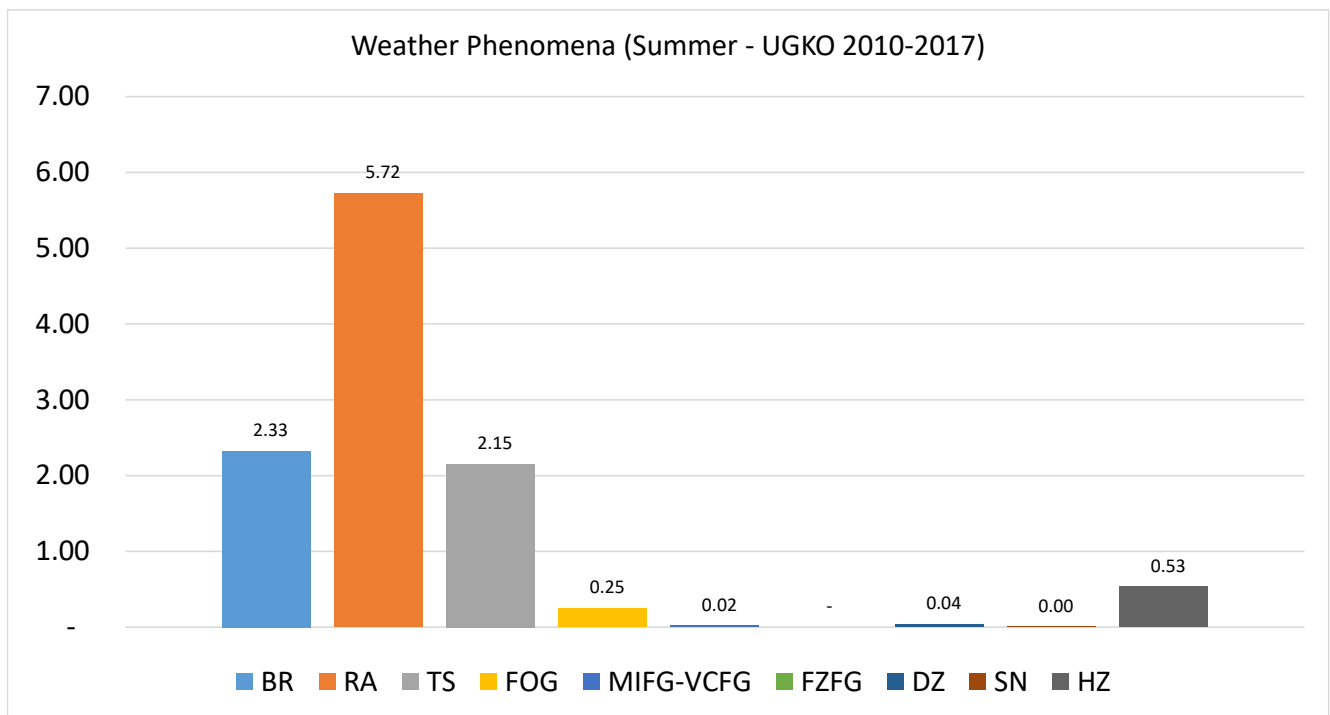
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	5.27	6.82	2.64	0.47	0.16	-	0.47	-	2.95
0030	7.59	6.94	2.39	0.65	0.22	-	-	-	1.74
0100	6.97	7.11	2.37	0.70	-	-	-	-	1.53
0130	12.42	8.06	1.53	0.87	0.22	-	-	-	4.14
0200	12.27	6.49	0.87	1.44	-	-	-	-	1.15
0230	11.38	6.35	1.31	1.75	0.22	-	0.44	-	1.31
0300	8.64	5.90	0.69	1.78	-	-	-	-	0.69
0330	5.65	5.87	-	1.52	-	-	-	-	0.65
0400	4.54	4.81	0.41	0.69	-	-	-	-	0.28
0430	1.96	5.87	-	0.65	-	-	-	-	-
0500	1.37	3.43	0.55	0.14	-	-	-	-	-
0530	0.22	5.46	0.66	-	-	-	-	-	-
0600	0.28	3.71	0.55	-	-	-	-	-	-
0630	0.22	3.08	0.44	-	-	-	-	-	-
0700	0.27	2.87	0.82	-	-	-	-	-	-
0730	0.22	2.62	0.44	-	-	-	-	-	0.22
0800	0.28	3.88	1.25	0.14	-	-	-	-	-
0830	0.43	4.13	1.09	-	-	-	-	-	-
0900	0.41	3.58	1.65	-	-	-	-	-	-
0930	0.44	4.61	1.32	-	-	-	-	-	-
1000	0.41	3.87	0.83	-	-	-	-	-	-
1030	0.43	3.24	0.43	-	-	-	-	-	-
1100	0.14	2.90	1.38	-	-	-	-	-	-
1130	-	3.48	0.87	-	-	-	-	-	-
1200	0.14	2.78	1.81	-	-	-	-	-	-
1230	-	3.09	1.10	-	-	-	-	-	-
1300	0.27	4.80	2.61	-	-	-	-	-	-
1330	-	5.45	1.74	-	-	-	-	-	-
1400	0.28	4.14	2.90	-	-	-	-	-	-
1430	0.22	6.09	2.39	-	-	-	-	-	-
1500	0.41	4.94	3.70	-	-	-	-	-	-
1530	0.65	6.28	2.81	-	-	-	-	-	-
1600	0.55	5.51	4.13	-	-	-	-	-	-
1630	0.66	6.36	1.97	-	-	-	-	-	0.22
1700	0.57	7.81	4.55	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.22	6.81	3.74	-	-	-	-	0.22	-
1800	0.57	7.71	6.29	-	-	-	-	-	-
1830	0.44	7.98	3.33	-	-	-	-	-	-
1900	0.70	9.24	6.44	-	-	-	0.14	-	-
1930	0.66	7.46	3.73	-	-	-	-	-	0.44
2000	1.24	9.46	4.50	-	-	-	0.16	-	-
2030	1.53	6.75	2.40	-	-	-	-	-	0.65
2100	2.02	8.68	4.03	-	-	-	0.16	-	0.93
2130	3.46	7.36	2.38	0.43	-	-	0.22	-	1.73
2200	2.49	8.86	3.46	0.14	-	-	-	-	1.94
2230	4.19	7.73	3.31	0.44	-	-	0.22	-	1.32
2300	4.38	7.20	2.66	-	-	-	-	-	0.63
2330	4.16	7.22	2.84	0.22	-	-	-	-	3.06
Mean	2.33	5.72	2.15	0.25	0.02	-	0.04	0.00	0.53



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in summer are: rain – 5.72%, mist – 2.33%, haze – 0.53%.

The activity of thunderstorms in summer constitutes 2.15%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGKO

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30576

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

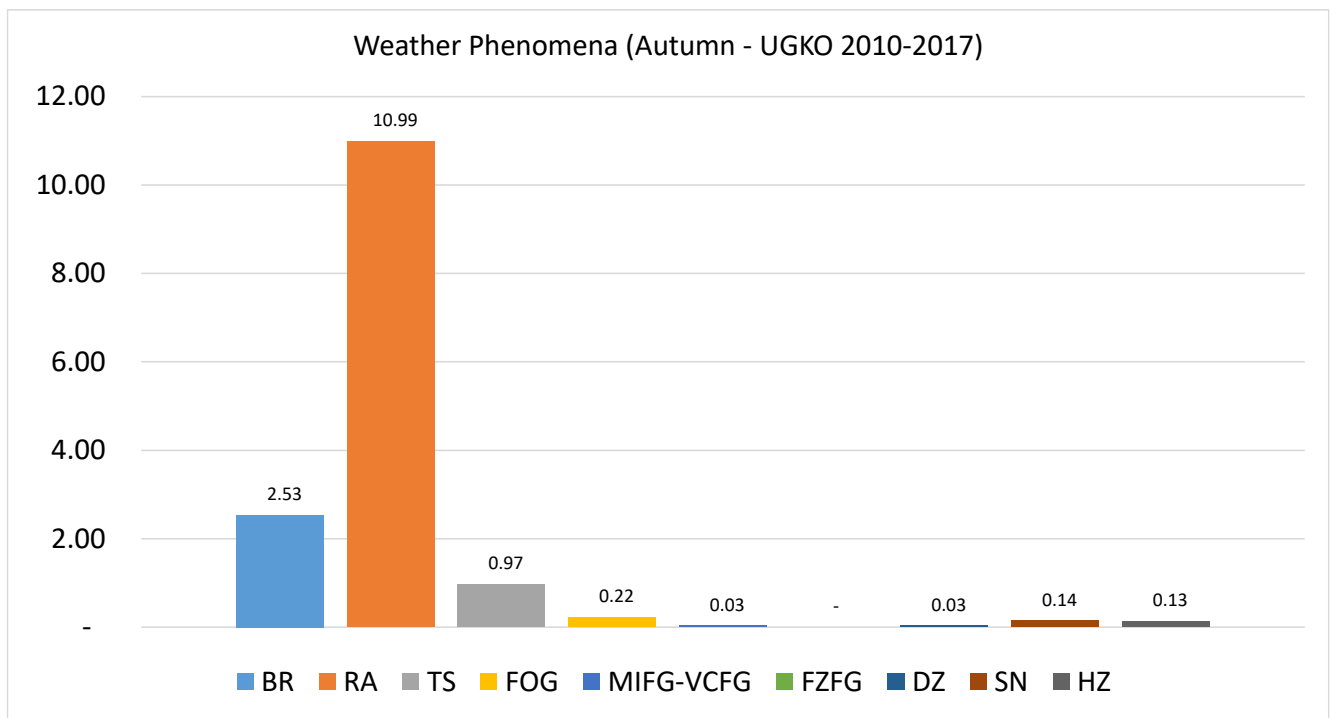
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.43	12.86	1.43	0.86	-	-	-	0.14	0.71
0030	5.23	14.49	1.19	0.71	-	-	0.24	-	0.71
0100	4.67	13.46	1.10	0.96	0.27	-	0.14	0.14	0.27
0130	7.44	14.19	0.93	0.23	0.23	-	-	0.23	0.47
0200	7.59	14.34	1.66	0.55	0.14	-	-	0.14	0.14
0230	7.69	11.66	1.17	0.47	-	-	-	-	0.70
0300	6.78	12.86	0.83	0.83	-	-	-	0.14	0.14
0330	5.71	12.38	0.71	1.19	-	-	-	-	0.24
0400	4.97	13.66	0.69	0.69	0.69	-	0.14	0.28	-
0430	4.45	11.71	0.70	0.47	0.23	-	-	-	-
0500	2.62	12.12	0.69	0.55	-	-	-	-	-
0530	1.62	9.95	0.23	0.23	-	-	-	-	-
0600	2.62	10.91	0.55	0.14	-	-	-	-	-
0630	1.38	9.63	-	-	-	-	-	-	-
0700	1.25	9.97	0.42	-	-	-	-	0.42	-
0730	0.24	8.75	0.24	-	-	-	-	-	-
0800	1.24	10.79	0.41	-	-	-	-	0.28	-
0830	0.70	10.30	-	-	-	-	-	-	-
0900	0.97	9.42	0.28	-	-	-	-	0.14	-
0930	0.70	8.82	0.23	-	-	-	-	-	-
1000	0.97	8.73	0.42	-	-	-	-	0.28	-
1030	0.47	8.25	-	-	-	-	-	-	-
1100	0.55	8.59	0.55	-	-	-	-	0.28	-
1130	0.48	7.60	0.24	-	-	-	-	0.24	0.24
1200	0.27	9.20	0.96	-	-	-	-	0.14	-
1230	0.23	8.16	0.47	-	-	-	-	0.23	-
1300	0.28	8.76	0.56	-	-	-	-	0.14	-
1330	0.24	11.08	0.71	-	-	-	-	0.24	-
1400	0.28	7.65	0.83	-	-	-	-	0.14	0.14
1430	0.47	9.43	0.94	-	-	-	-	-	-
1500	0.69	9.44	0.97	-	-	-	-	0.14	-
1530	0.70	11.14	1.62	-	-	-	-	-	-
1600	1.24	10.22	1.80	-	-	-	-	0.14	-
1630	0.93	10.72	1.86	-	-	-	-	-	-
1700	1.52	10.80	1.94	-	-	-	-	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.38	12.87	1.61	-	-	-	-	0.23	0.23
1800	2.07	12.57	1.93	-	-	-	-	0.14	-
1830	2.13	11.82	2.60	-	-	-	-	0.24	-
1900	2.35	11.63	2.22	0.14	-	-	-	0.14	0.14
1930	1.88	9.88	1.65	-	-	-	0.24	0.24	-
2000	3.54	11.90	1.13	-	-	-	-	0.28	0.28
2030	2.59	12.24	0.94	0.24	-	-	0.24	-	0.24
2100	3.71	11.71	1.43	0.14	-	-	-	0.43	0.29
2130	3.55	11.11	1.42	0.24	-	-	0.47	0.47	0.24
2200	3.92	10.08	0.56	0.42	-	-	-	0.28	0.28
2230	4.24	13.18	1.18	0.71	-	-	-	0.24	0.47
2300	4.01	12.30	1.29	0.72	-	-	-	0.14	0.43
2330	4.67	14.02	1.17	0.23	-	-	-	-	-
Mean	2.53	10.99	0.97	0.22	0.03	-	0.03	0.14	0.13

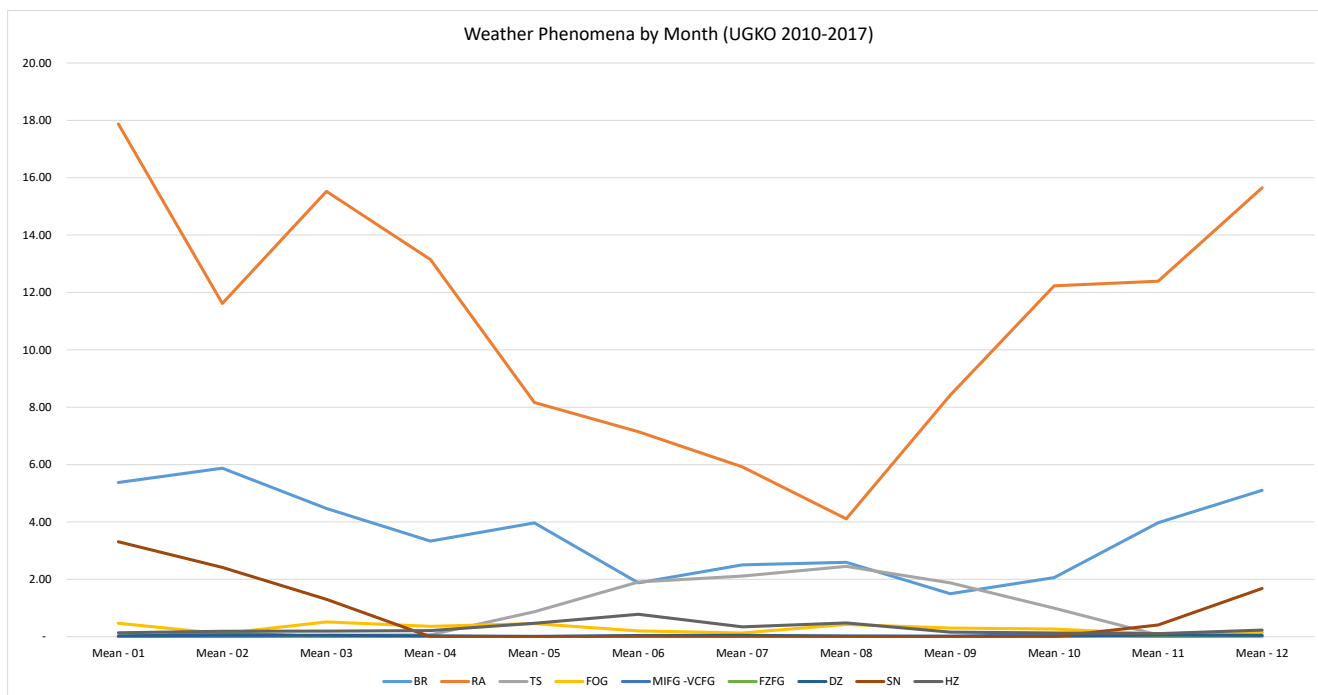


During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in autumn are: rain – 10.99%, mist – 2.53%, haze – 0.13%.

The activity of thunderstorms in autumn constitutes 0.97%.

## WEATHER PHENOMENA AVERAGE BY MONTH

MEAN FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES BY MONTH									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
January	5.38	17.87	0.01	0.47	-	-	0.03	3.31	0.13
February	5.87	11.62	-	0.11	-	0.15	0.06	2.42	0.19
March	4.47	15.52	0.05	0.52	-	-	0.05	1.30	0.20
April	3.33	13.15	0.07	0.36	0.01	-	0.03	-	0.21
May	3.96	8.16	0.87	0.46	-	-	0.01	-	0.47
June	1.88	7.15	1.91	0.20	0.01	-	0.04	0.01	0.78
July	2.50	5.92	2.11	0.13	0.02	-	0.05	-	0.34
August	2.59	4.11	2.45	0.42	0.01	-	0.02	-	0.48
September	1.50	8.42	1.88	0.30	0.02	-	0.01	-	0.16
October	2.06	12.23	0.99	0.27	0.08	-	0.02	-	0.13
November	3.97	12.39	0.06	0.10	0.01	-	0.06	0.41	0.11
December	5.10	15.65	0.15	0.14	0.03	-	0.05	1.68	0.23



# CORRELATION BETWEEN MONTHLY RAINFALL AND AVERAGE TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: JANUARY

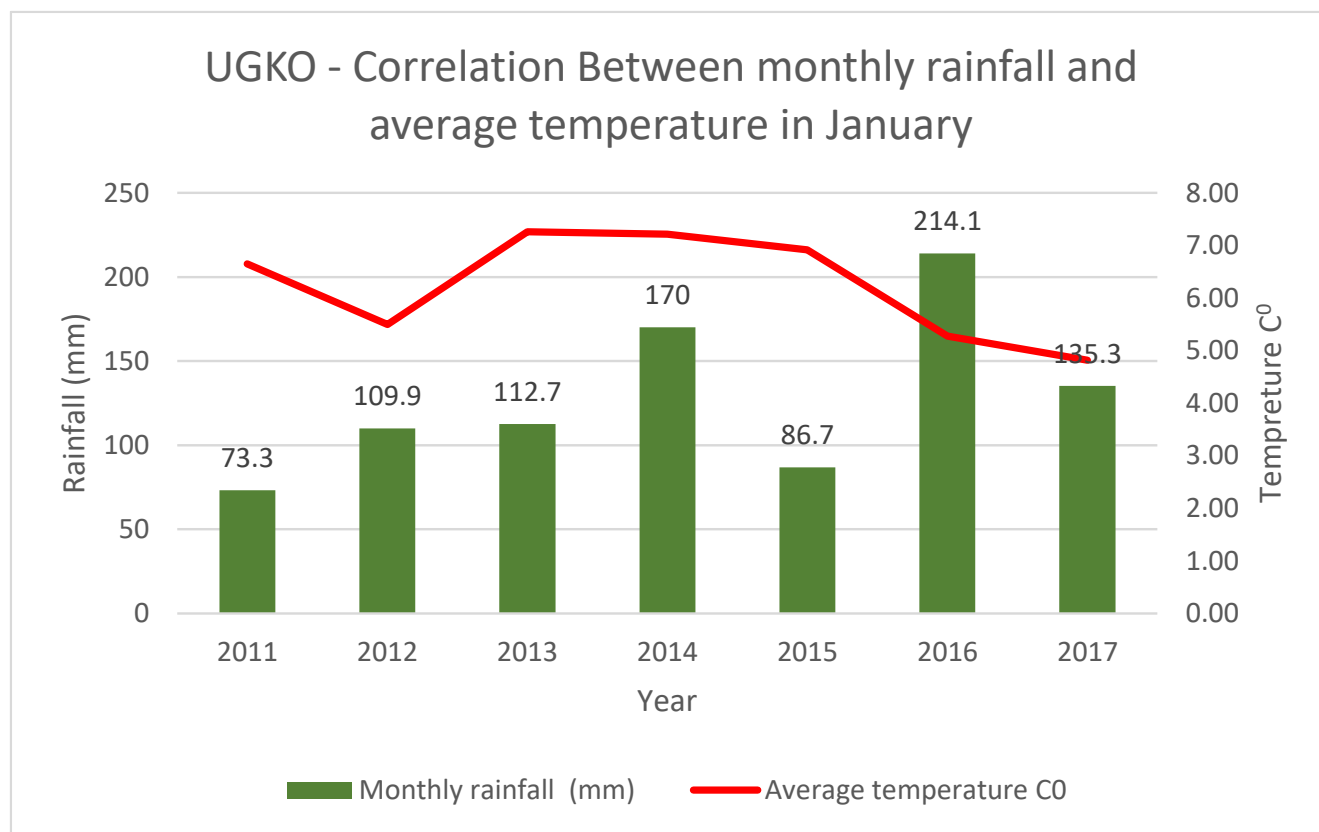
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in January (UGKO)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	73.3	6.65
2012	109.9	5.50
2013	112.7	7.26
2014	170	7.22
2015	86.7	6.92
2016	214.1	5.27
2017	135.3	4.82
<b>Total rainfall</b>	<b>902</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: FEBRUARY

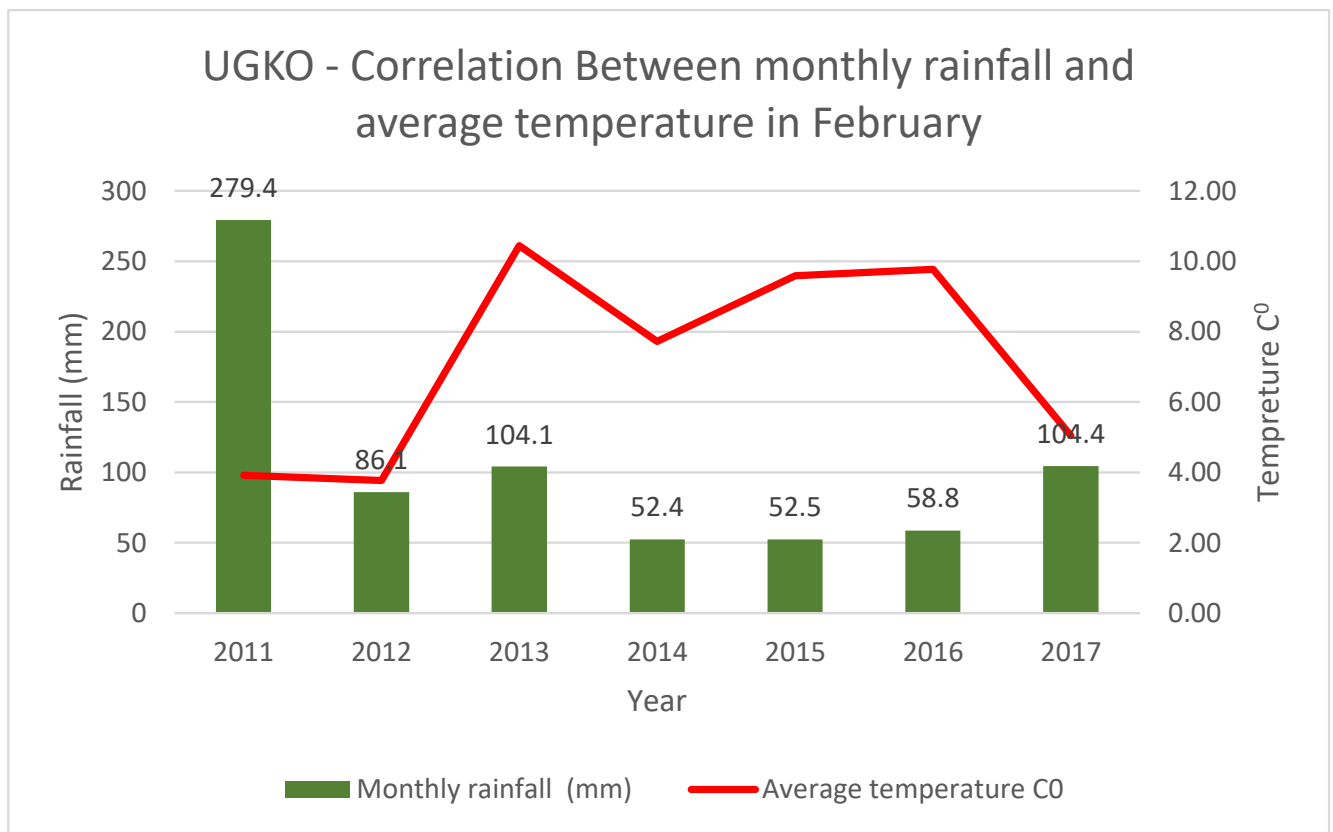
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in February (UGKO)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	279.4	3.92
2012	86.1	3.77
2013	104.1	10.44
2014	52.4	7.72
2015	52.5	9.59
2016	58.8	9.77
2017	104.4	5.05
<b>Total rainfall</b>	<b>633.3</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: MARCH

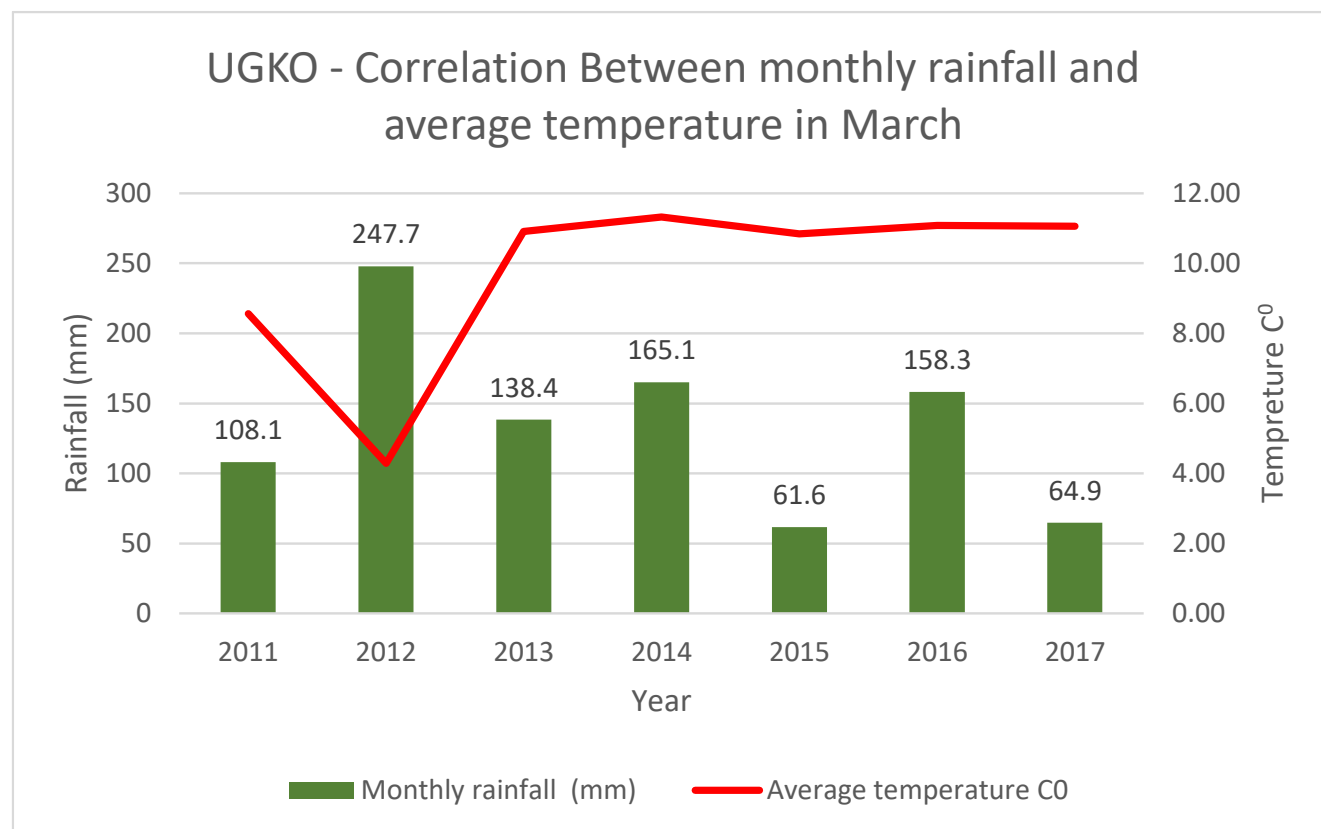
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in March (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	108.1	8.56
2012	247.7	4.29
2013	138.4	10.91
2014	165.1	11.32
2015	61.6	10.84
2016	158.3	11.08
2017	64.9	11.06
<b>Total rainfall</b>	<b>944.1</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: APRIL

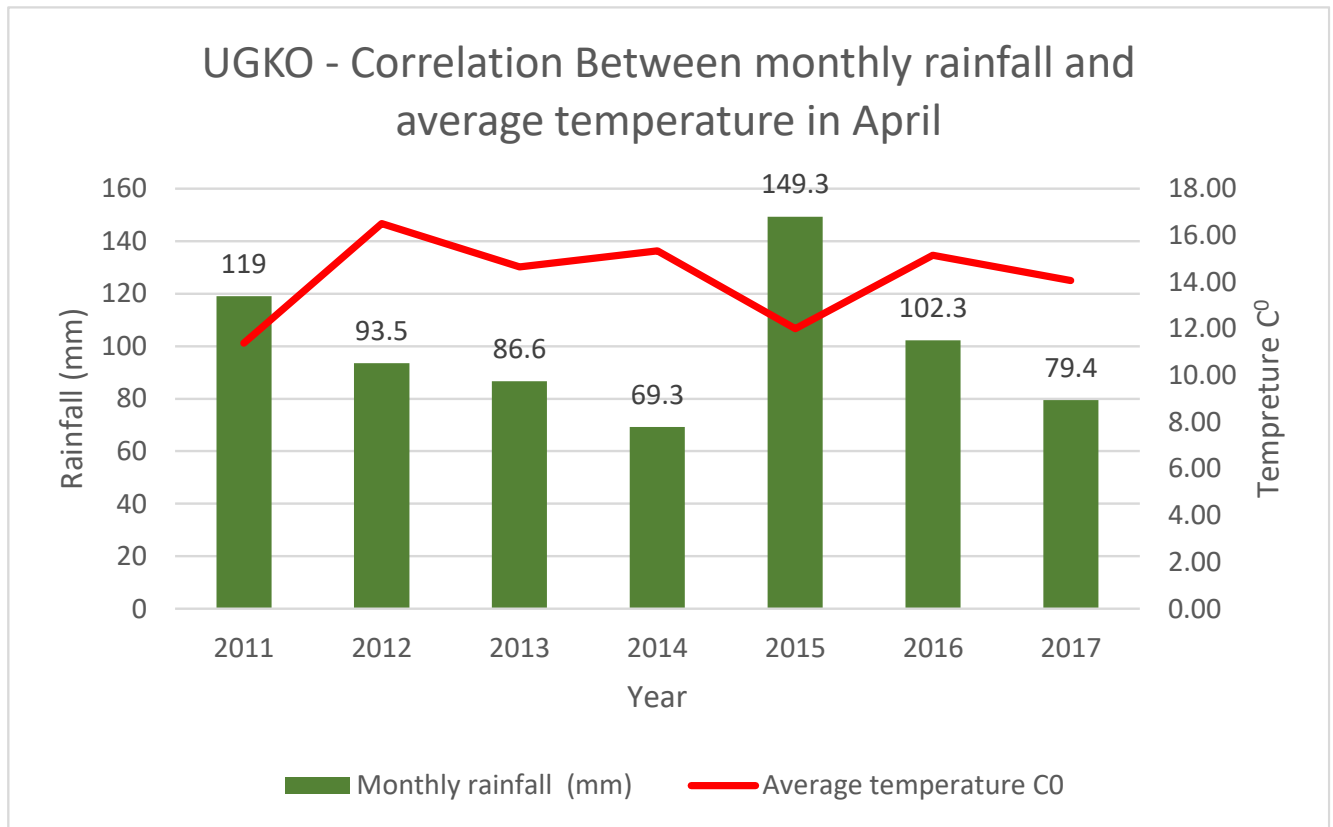
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in April (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	119	11.38
2012	93.5	16.50
2013	86.6	14.65
2014	69.3	15.33
2015	149.3	12.00
2016	102.3	15.14
2017	79.4	14.06
<b>Total rainfall</b>	<b>699.4</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: MAY

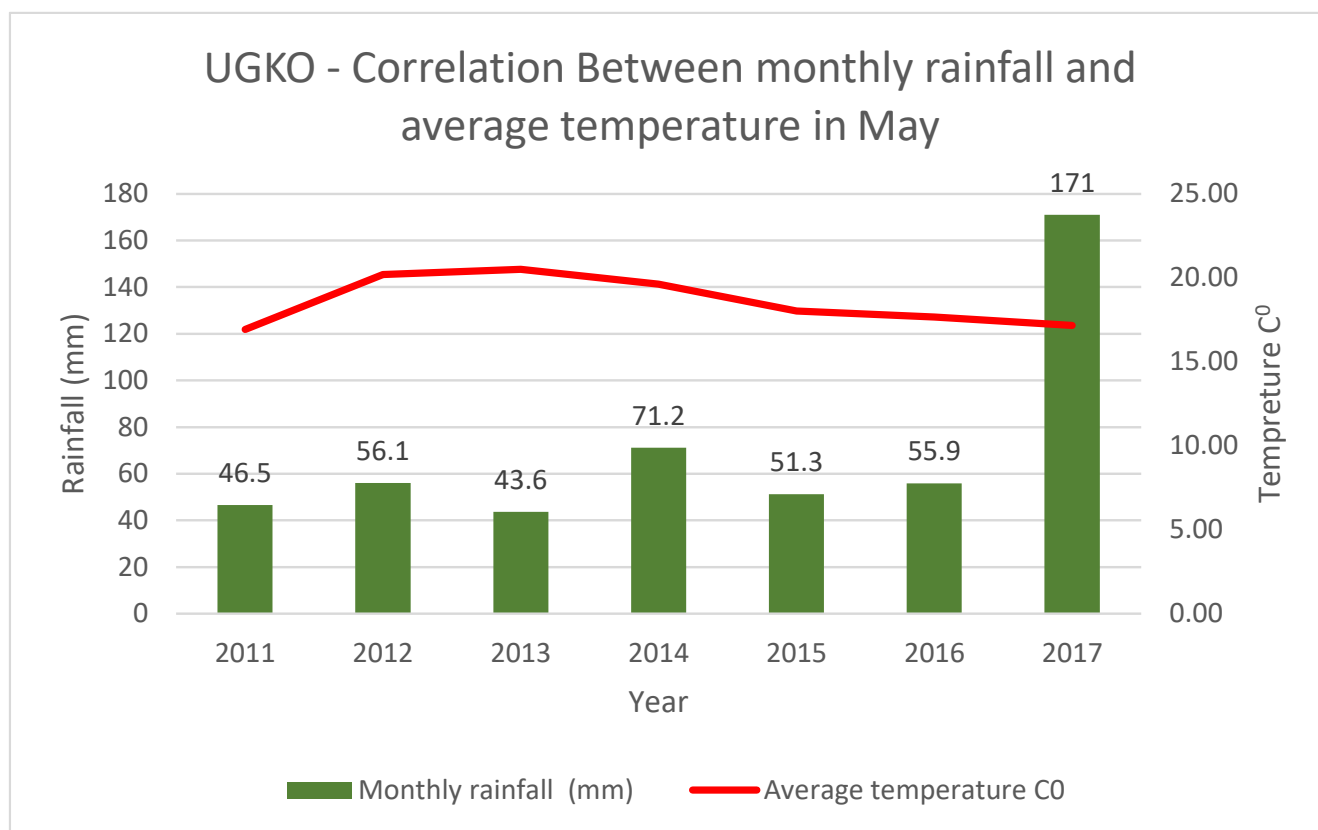
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in May (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	46.5	16.92
2012	56.1	20.20
2013	43.6	20.50
2014	71.2	19.62
2015	51.3	18.03
2016	55.9	17.67
2017	171	17.17
<b>Total rainfall</b>	<b>324.6</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: JUNE

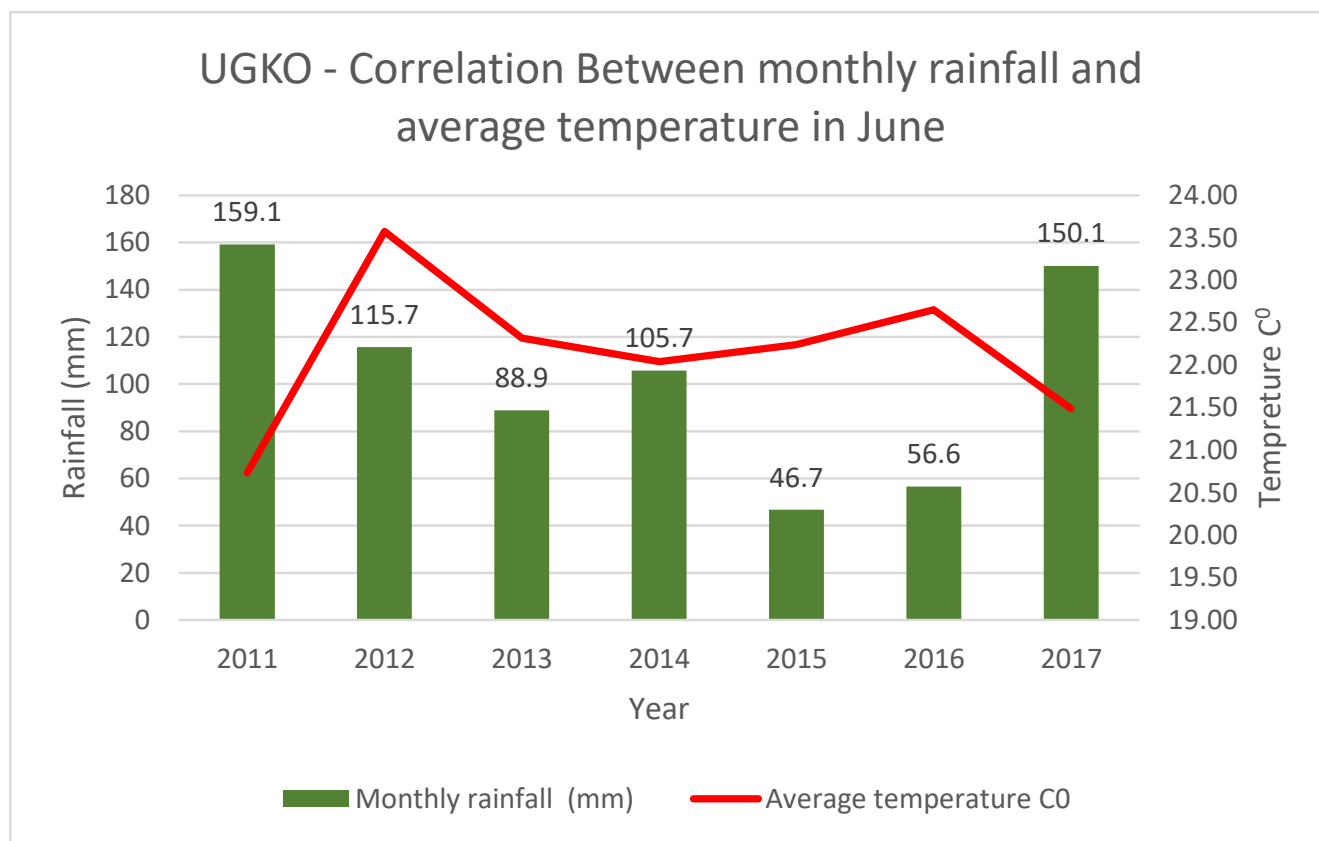
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in June (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	159.1	20.73
2012	115.7	23.58
2013	88.9	22.32
2014	105.7	22.04
2015	46.7	22.24
2016	56.6	22.65
2017	150.1	21.49
<b>Total rainfall</b>	<b>722.8</b>	





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL I

AERODROME: UGKO

MONTH: JULY

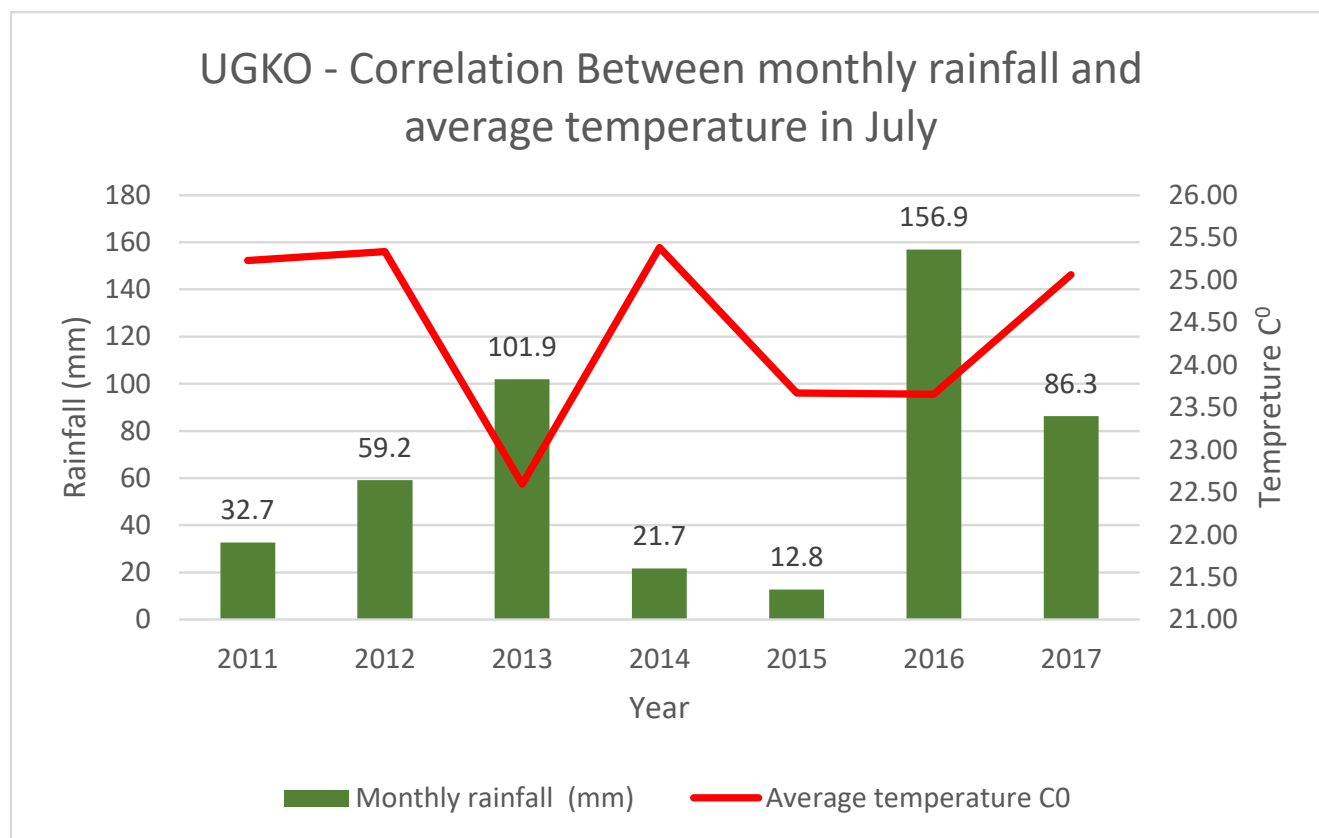
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in July (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	32.7	25.23
2012	59.2	25.33
2013	101.9	22.59
2014	21.7	25.38
2015	12.8	23.67
2016	156.9	23.65
2017	86.3	25.06
<b>Total rainfall</b>	<b>471.5</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: AUGUST

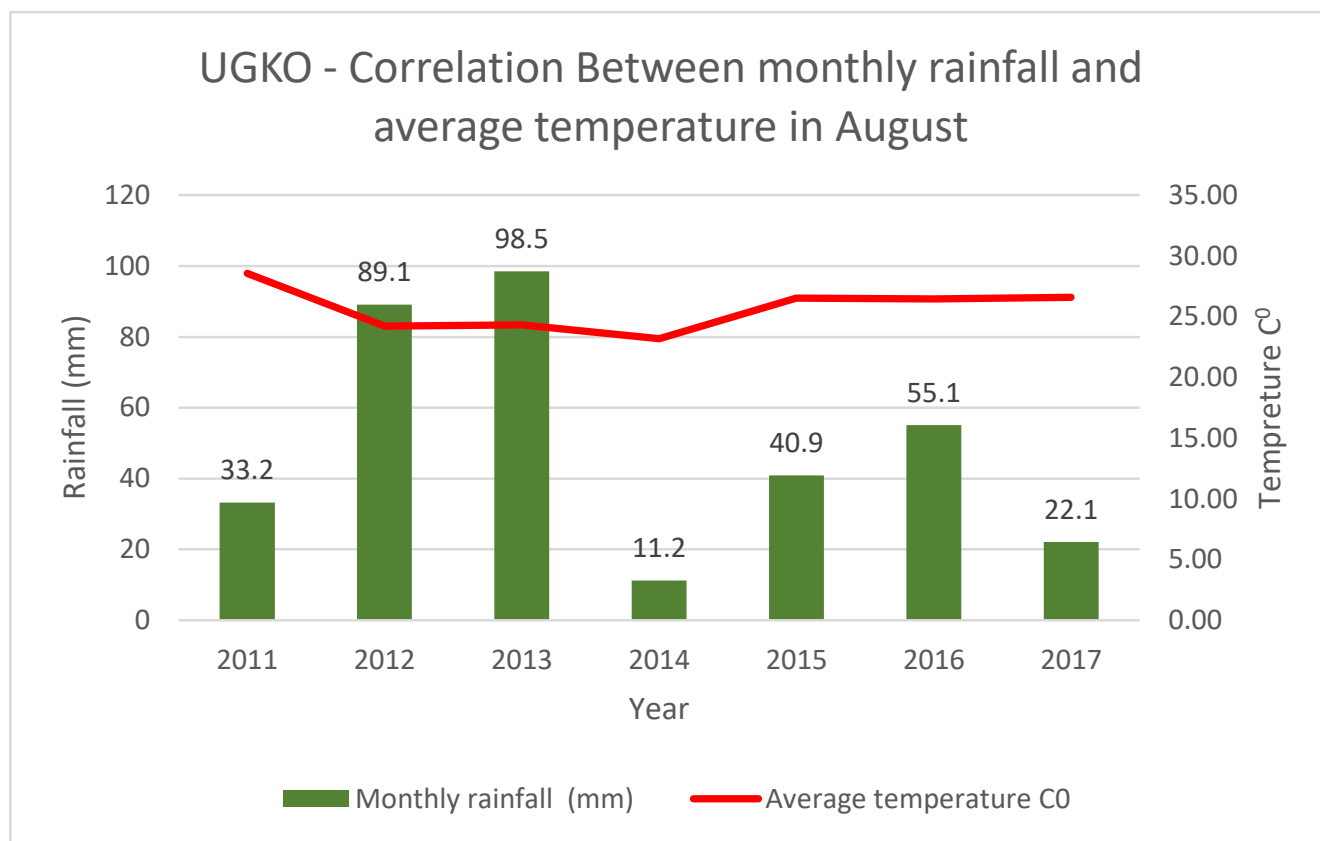
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in August (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	33.2	28.57
2012	89.1	24.23
2013	98.5	24.33
2014	11.2	23.17
2015	40.9	26.54
2016	55.1	26.45
2017	22.1	26.60
<b>Total rainfall</b>	<b>350.1</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: SEPTEMBER

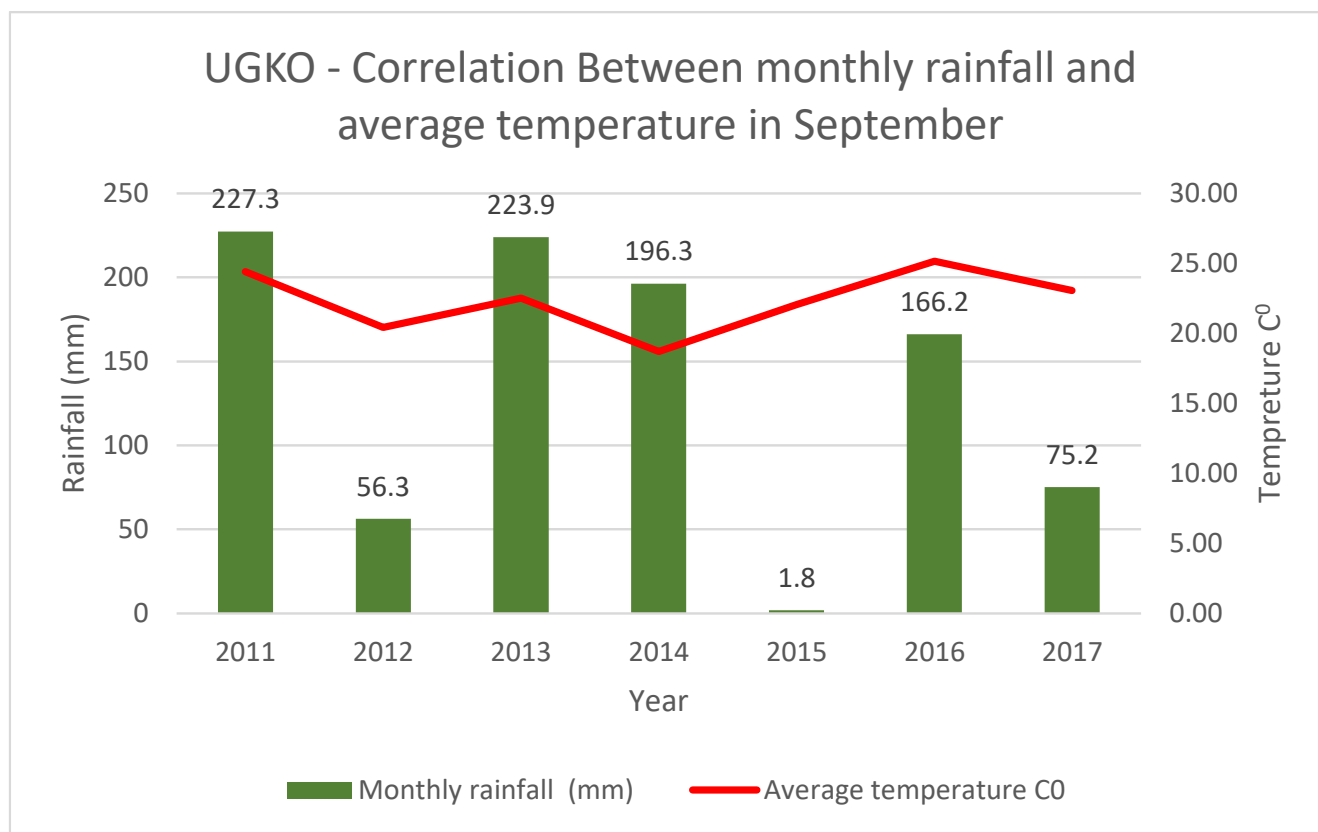
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in September (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	227.3	24.41
2012	56.3	20.42
2013	223.9	22.51
2014	196.3	18.71
2015	1.8	22.05
2016	166.2	25.14
2017	75.2	23.04
Total rainfall	947	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: OCTOBER

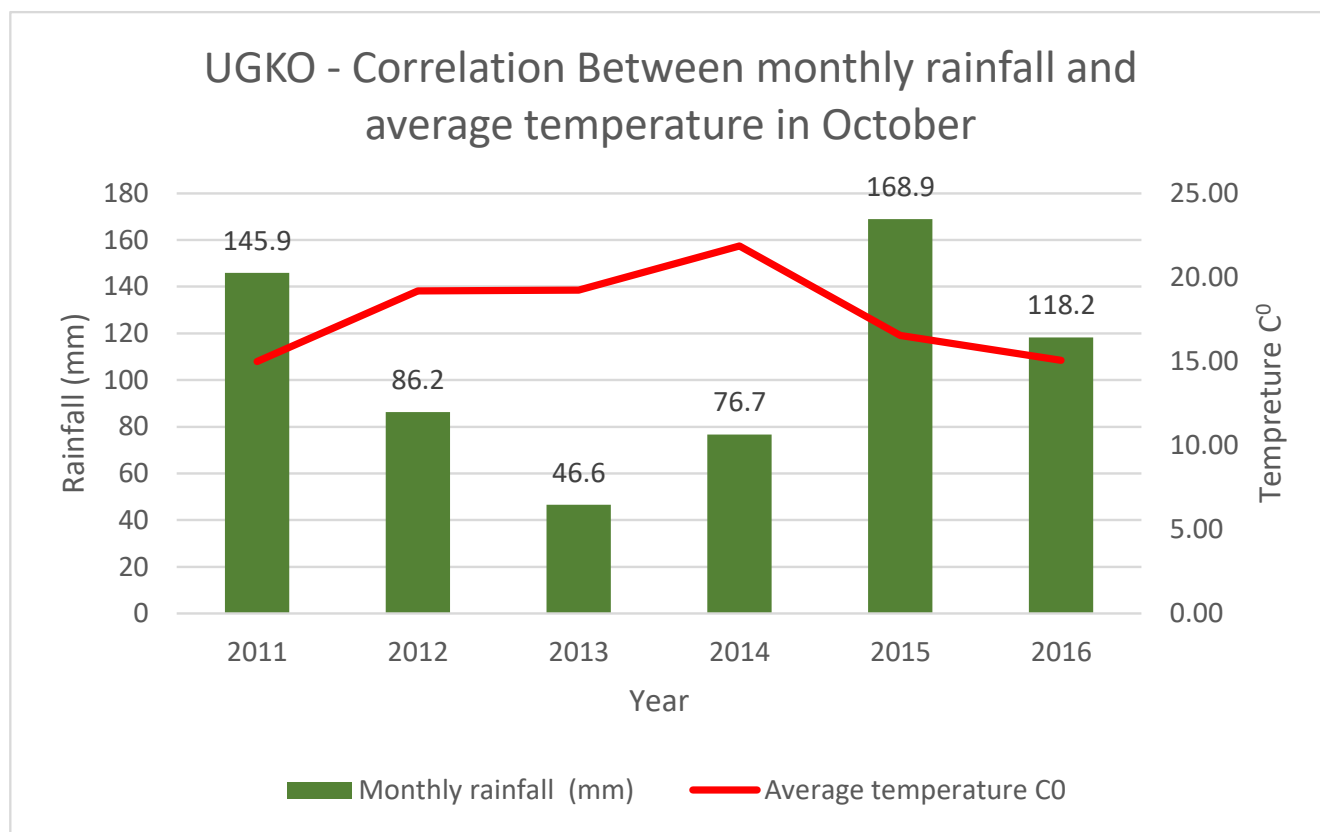
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in October (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	145.9	15.00
2012	86.2	19.19
2013	46.6	19.24
2014	76.7	21.85
2015	168.9	16.54
2016	118.2	15.06
2017	308	15.50
<b>Total rainfall</b>	<b>950.5</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: NOVEMBER

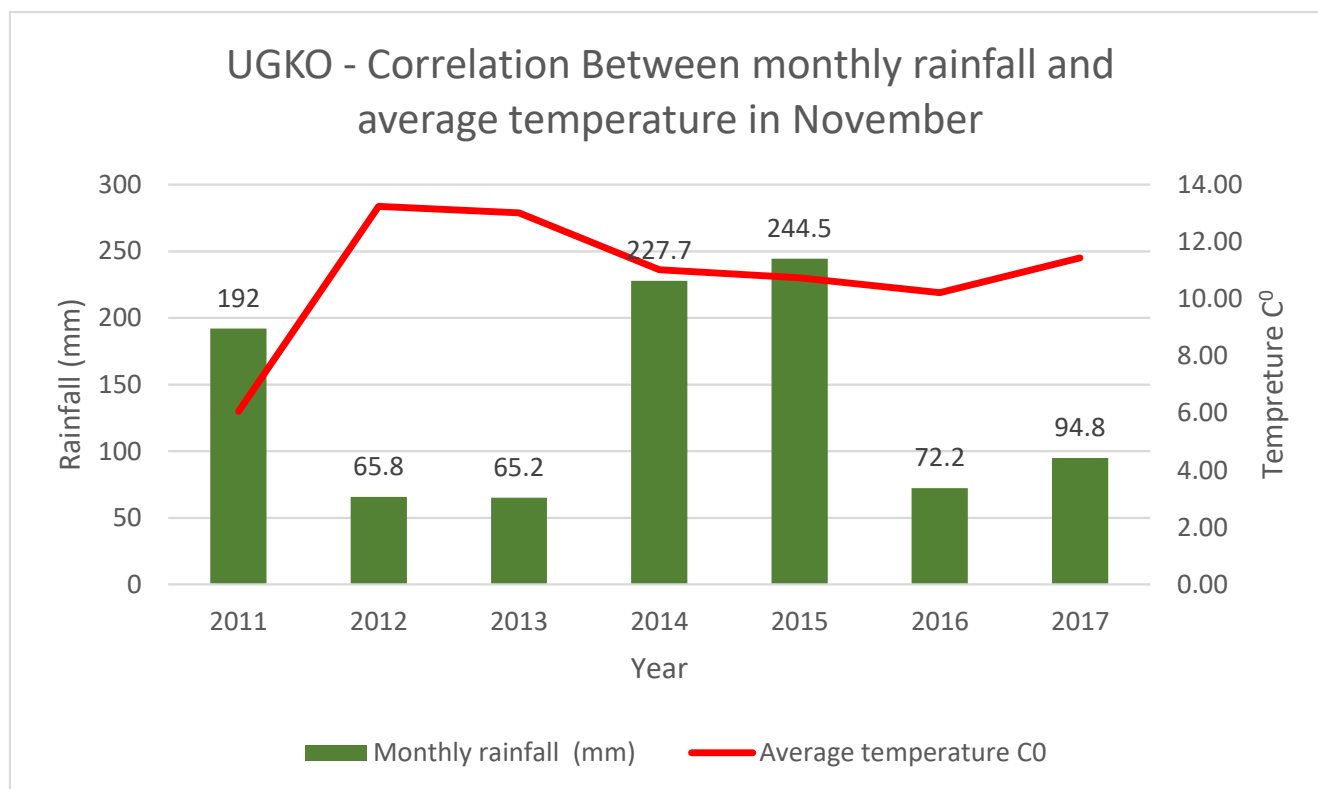
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in November (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	192	6.06
2012	65.8	13.24
2013	65.2	13.01
2014	227.7	11.02
2015	244.5	10.74
2016	72.2	10.21
2017	94.8	11.43
<b>Total rainfall</b>	<b>962.2</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGKO

MONTH: DECEMBER

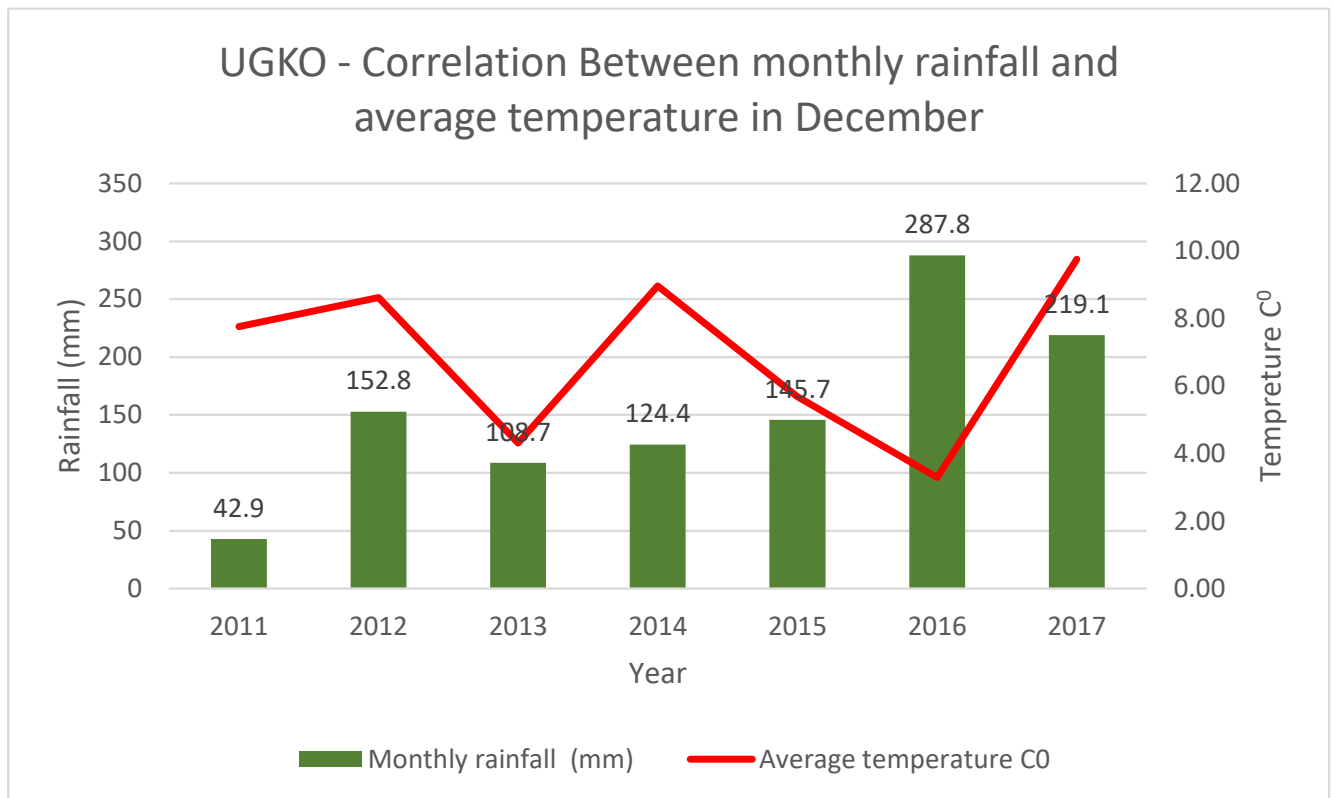
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Correlation Between monthly rainfall and average temperature in December (UGKO)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	42.9	7.76
2012	152.8	8.61
2013	108.7	4.31
2014	124.4	8.96
2015	145.7	5.68
2016	287.8	3.29
2017	219.1	9.75
<b>Total rainfall</b>	<b>1081.4</b>	



# ANNUAL RAINFALL

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL J

AERODROME: UGKO

ANNUAL

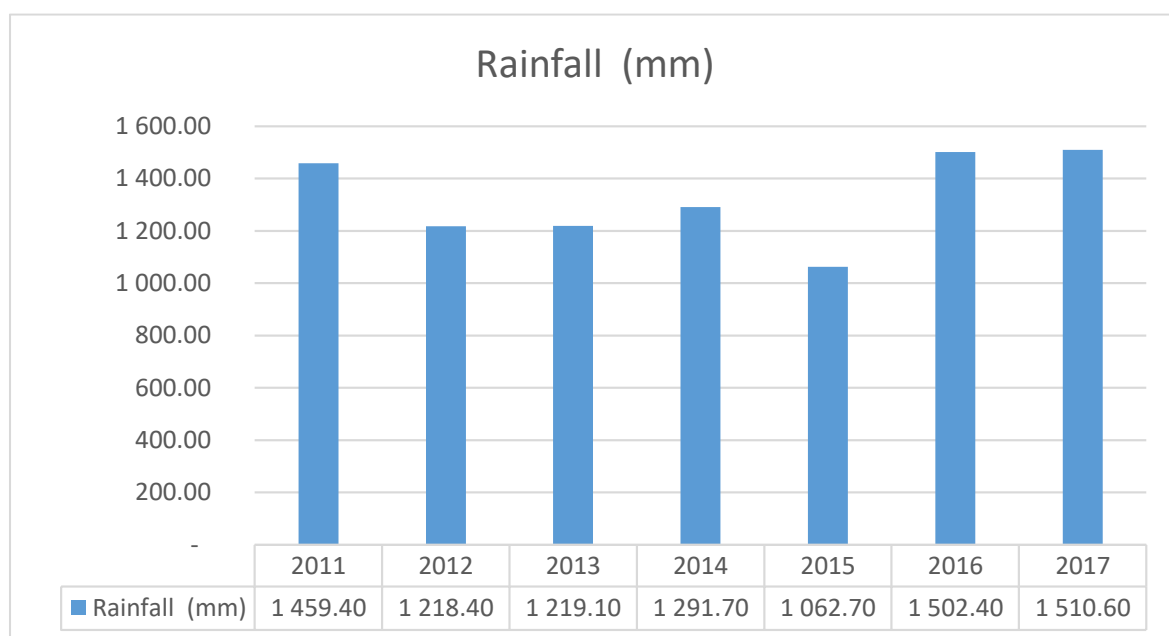
PERIOD OF RECORD: 2011-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Annual rainfall (UGKO)							
UGKO	Year						
	2011	2012	2013	2014	2015	2016	2017
Rainfall (mm)	1 459.40	1 218.40	1 219.10	1 291.70	1 062.70	1 502.40	1 510.60



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL K**

AERODROME: UGTB

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 113952

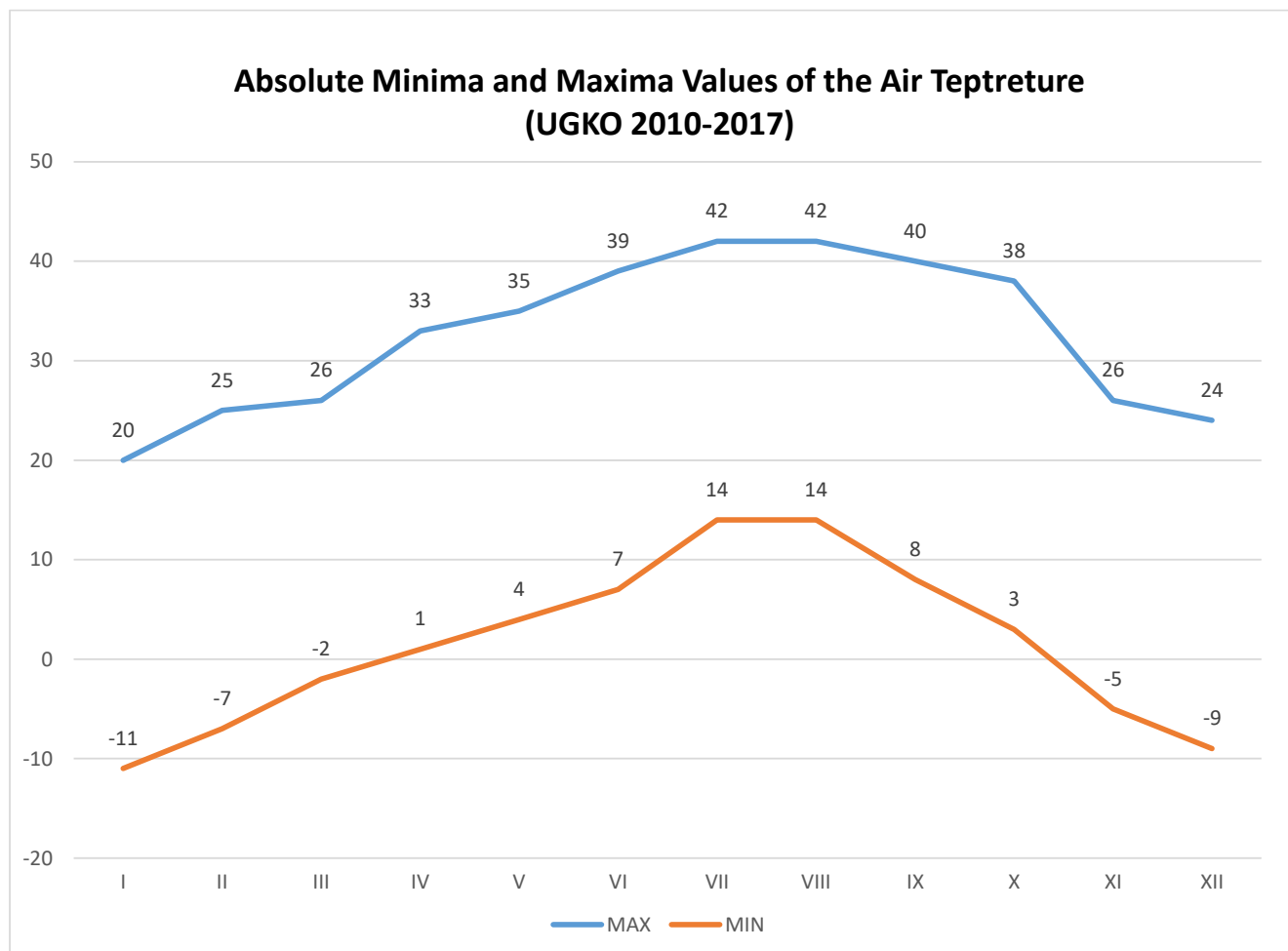
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

Absolute Minimum and Maximum Values of the Air Temperature (UGKO 2010-2017)												
TEMP (C°)	MONTH											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
MAX	20	25	26	33	35	39	42	42	40	38	26	24
MIN	-11	-7	-2	1	4	7	14	14	8	3	-5	-9





**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL L**

AERODROME: UGKO

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 113952

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

MAXIMUM VALUE OF THE WIND GUST (UGKO 2010-2017)												
WIND GUST SPEED	MONTH											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
KT (KNOT)	58	60	59	68	49	55	51	53	59	53	67	58
M / S	30	31	30	35	25	28	26	27	30	27	34	30

**DEPARTURE AND ARRIVAL FOR UGTB AIRPORT**  
**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**  
**TABULAR FORM**

**MODEL M**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF JANUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF FEBRUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF MARCH)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF APRIL)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	
0400	WORSE	GOOD	
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF MAY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600			
1700	WORSE	GOOD	BETTER
1800			
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF JUNE)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100			
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF JULY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100			
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500			
1600			
1700			
1800			
1900			
2000			
2100			
2200			
2300	WORSE	GOOD	BETTER



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF AUGUST)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	
0400	WORSE	GOOD	
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700			
1800			
1900			
2000			
2100			
2200			
2300			

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF SEPTEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700			
1800			
1900			
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF OCTOBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF NOVEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

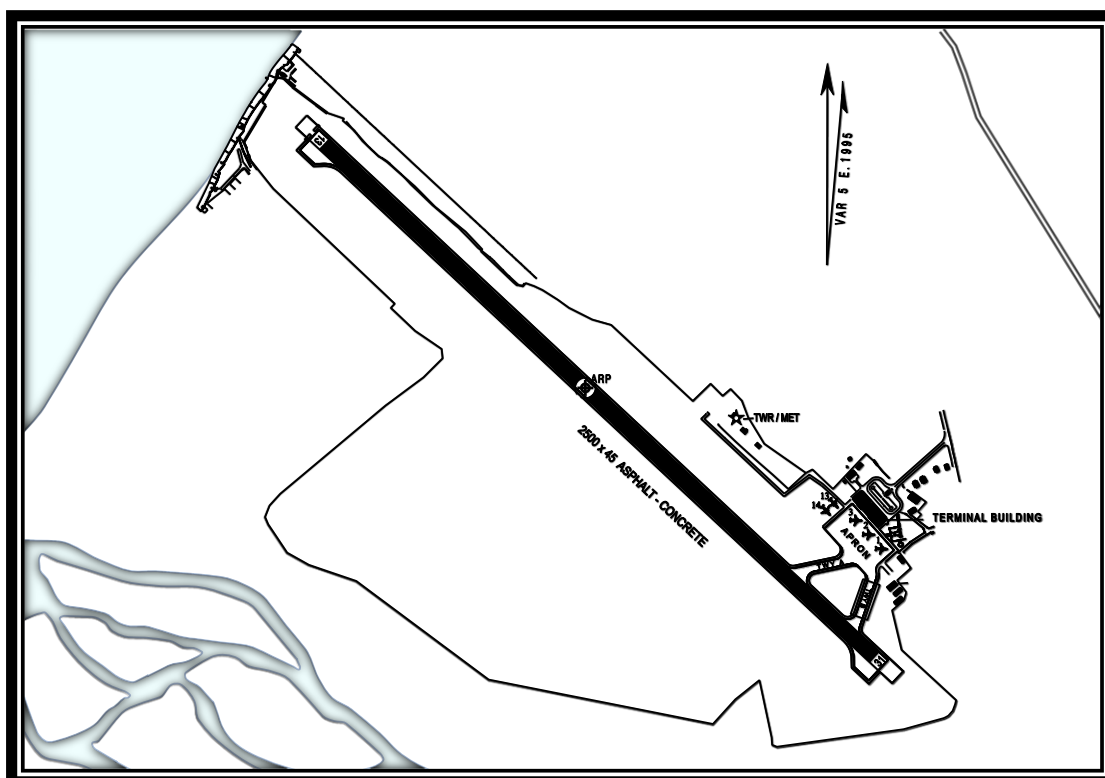
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGKO AIRPORT (MONTH OF DECEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100			
0200			
0300			
0400			
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300			

## BATUMI INTERNATIONAL AIRPORT (UGSB)



Batumi International Airport is located 23m (78 ft) above sea level in the southeast part of Batumi at the mouth of the river Chorokhi on its right bank in the valley known as Kakhaberi's field. There is one runway with one touchdown zone (TDZ13). The valley runs from southeast to northwest and is bounded by branches of the Adjara-Guria ridge on its right and by endings of the Shavsheti ridge on its left. These mountains adjoin the airport territory in the 180°-040° sector. To the south of the weather station flows the river Chorokhi. In its 040°-180° sector the Airport territory abuts on the Black Sea. The height of the mountains located near Batumi International Airport and their distance from the observation site are given in Table No. 5.

Table No. 5. Height and distance from the observation site of the mountains located near Batumi International Airport

Mountain	Height above sea level		Distance from the observation site m.
	m.	Ft.	
Erge	896	2939	9200
Talakhnara	760	2493	14 000
Khala	368	1207	20 000

Its location in the humid area of the subtropical zone, proximity to the Black Sea and its orographic features are specific characteristics of the climatic conditions of Batumi Airport. This territory, especially during winter, experiences moist winds, which is determined by the low pressure area in the southeast part of the Black Sea. It is known that at the Adjara shore the temperature of the sea is relatively higher (especially during winter) than at the other Black Sea shores of the Caucasus. Due to that fact, the heat transfer factor of the sea is far more noticeable here. It increases instability of air humidity and determines the abundance of atmospheric precipitation on the sea coast, which the mountain ridges located nearby contribute to. They also play an important role in the process of occlusion of Mediterranean cyclones and associated heavy precipitation, low clouds, and reduced visibility, which occur here quite often. It should also be noted, that air masses which pass over the surface of the Black Sea receive additional moisture, which in its turn strengthens the impact of the sea on the masses.

Climatological data of Batumi international airport for 2010 and for the first six months of 2011 were processed on the basis of one-hour METARs, while the subsequent period on the basis of thirty-minute (xx20 and xx50) METARs.

# RVR, VISIBILITY AND CEILING

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL A

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	0.93	2.79	27.44
0100	-	-	-	-	0.41	-	1.23	3.28	35.66
0200	-	-	-	-	-	-	0.46	2.29	27.06
0300	-	-	-	-	-	-	0.46	2.76	28.11
0400	-	-	-	-	-	0.41	0.81	2.03	37.40
0500	-	-	-	0.41	0.82	-	2.05	3.69	16.80
0600	-	-	0.40	0.40	0.40	-	0.80	2.41	18.07
0700	-	-	0.40	0.40	0.81	1.62	2.02	3.24	15.79
0800	-	-	0.82	0.82	0.82	0.82	1.23	2.88	13.58
0900	-	-	-	-	0.41	-	0.81	2.85	14.63
1000	-	-	-	-	0.41	0.41	0.41	0.81	13.01
1100	-	-	-	-	0.79	0.40	1.19	1.59	15.87
1200	-	-	-	-	0.82	0.41	2.04	4.49	17.96
1300	-	-	-	-	0.41	0.41	1.65	4.12	16.46
1400	-	-	0.41	0.41	0.82	0.82	1.23	4.94	22.63
1500	-	-	-	-	-	0.42	0.42	2.50	37.08
1600	-	-	0.41	0.82	0.82	0.82	1.23	2.47	37.45
1700	-	-	-	-	-	-	0.45	1.79	26.46
1800	-	-	-	-	-	0.47	0.47	1.86	24.19
1900	-	-	-	-	-	-	0.41	1.65	35.39
2000	-	-	-	-	0.47	0.47	0.95	2.37	23.70
2100	-	-	-	-	-	0.50	0.99	2.97	22.77
2200	-	-	0.46	0.46	0.46	0.46	1.38	3.23	29.95
2300	-	-	-	-	-	0.53	1.07	2.67	18.18
TOTAL	-	-	0.13	0.16	0.38	0.38	1.04	2.74	23.93

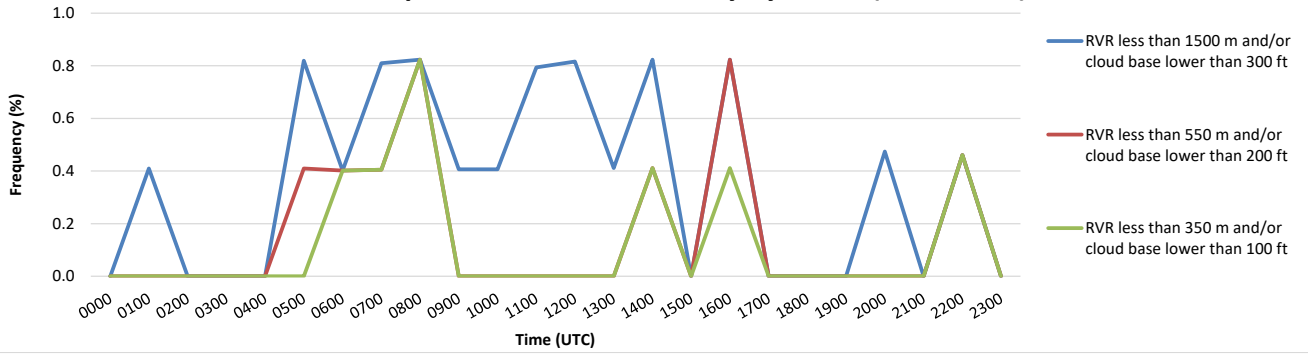
In January, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.13% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

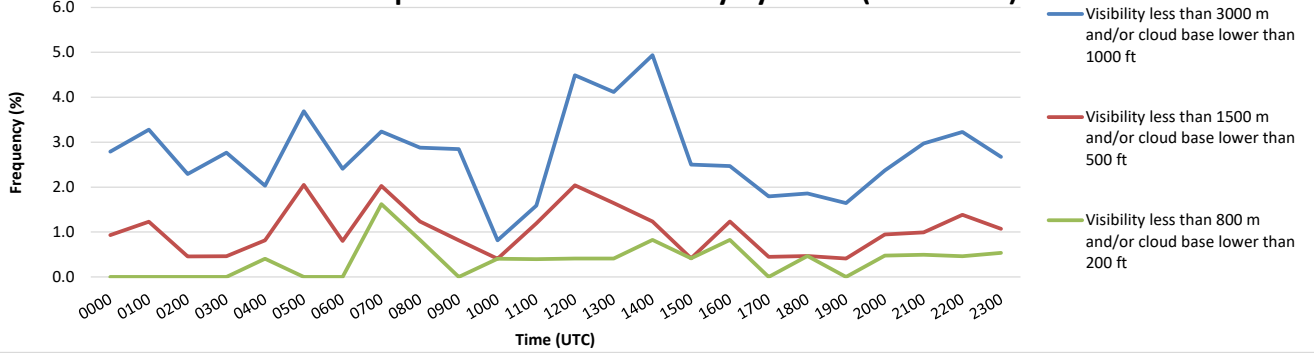
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.04% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 2.74% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in January by Hours (2010-2017)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in January by Hours (2010-2017)**





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	0.50	2.01	0.50	3.52	5.53	30.15
0100	-	-	-	0.45	0.90	0.45	1.79	5.38	35.87
0200	-	-	-	0.50	2.01	1.01	2.51	5.53	28.14
0300	-	-	-	0.50	0.50	0.50	1.00	5.00	30.50
0400	-	-	-	0.45	0.45	0.45	0.90	4.52	33.03
0500	-	-	-	0.44	0.44	0.44	0.44	5.75	23.01
0600	-	-	-	-	0.45	0.45	0.90	5.38	19.73
0700	-	-	-	-	0.90	-	1.35	4.95	18.02
0800	-	-	0.44	0.44	0.44	0.44	0.88	2.64	14.98
0900	-	-	-	0.44	0.88	0.44	1.32	3.96	17.62
1000	-	-	-	0.45	1.35	0.90	0.90	3.60	17.57
1100	-	-	-	-	-	-	-	4.44	14.22
1200	-	-	-	-	-	-	-	1.77	15.04
1300	-	-	-	-	1.33	0.44	1.33	3.98	16.81
1400	-	-	-	0.45	1.36	0.91	0.91	3.18	15.45
1500	-	-	-	0.91	2.28	1.83	2.74	4.11	31.05
1600	-	-	-	0.89	2.22	1.78	2.67	3.56	33.78
1700	-	-	-	1.02	1.53	1.53	2.04	3.57	25.00
1800	-	-	-	-	2.13	1.60	2.13	4.26	24.47
1900	-	-	-	0.48	0.96	1.44	1.44	3.35	31.58
2000	-	-	-	0.56	1.69	1.69	2.26	3.95	23.16
2100	-	-	-	0.59	0.59	1.18	1.18	4.71	17.65
2200	-	-	-	0.50	0.50	0.50	0.50	1.49	28.36
2300	-	-	-	-	0.59	0.59	1.76	2.94	19.41
TOTAL	-	-	0.02	0.40	1.05	0.77	1.41	4.07	23.47

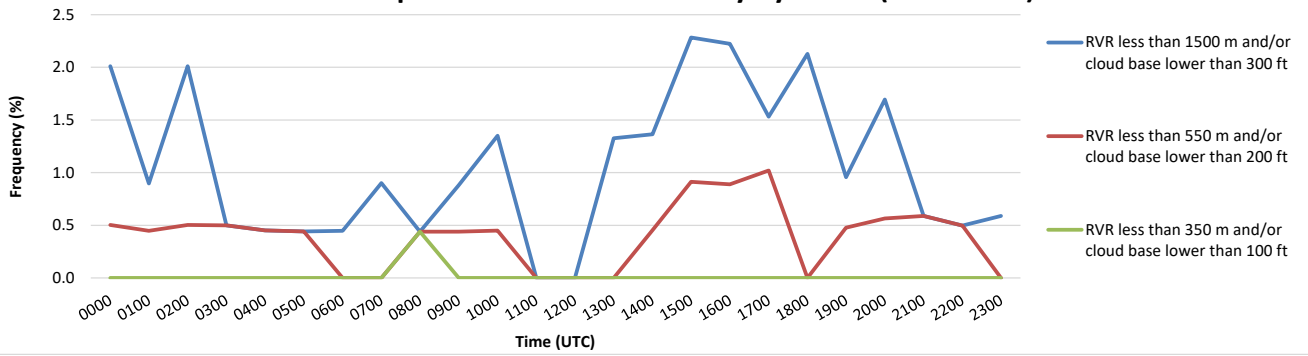
In February, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.02% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

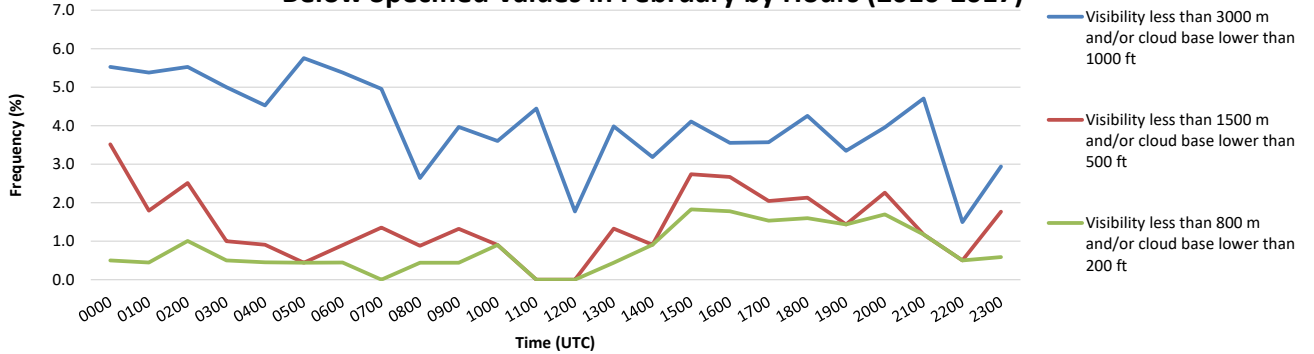
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.41% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 4.07% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in February by Hours (2010-2017)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in February by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	0.94	4.25	24.53
0100	-	-	-	-	-	-	0.82	3.69	34.02
0200	-	-	-	-	0.46	-	0.93	5.56	24.07
0300	-	-	-	-	-	-	0.46	4.13	21.10
0400	-	-	-	-	0.40	-	0.40	3.24	21.86
0500	-	-	-	-	-	-	0.41	4.90	20.00
0600	-	-	-	-	0.41	0.41	0.81	4.88	20.33
0700	-	-	-	0.41	0.82	-	0.82	5.31	20.41
0800	-	-	-	-	-	-	0.83	3.73	20.75
0900	-	-	0.41	0.41	0.41	-	0.41	4.56	19.92
1000	-	-	-	-	0.41	-	-	3.67	16.73
1100	-	-	-	-	-	-	-	2.88	18.52
1200	-	-	-	-	-	-	0.82	5.35	20.58
1300	-	-	-	-	0.41	-	0.82	4.10	21.72
1400	-	-	-	-	-	-	0.41	3.70	17.70
1500	-	-	-	-	-	-	0.42	3.36	18.49
1600	-	-	-	-	-	0.42	0.83	4.17	28.75
1700	-	-	-	-	-	-	0.47	3.27	21.96
1800	-	-	-	-	-	-	-	2.90	18.84
1900	-	-	-	-	-	0.43	0.43	3.40	28.94
2000	-	-	-	0.50	0.50	0.50	1.00	5.00	19.00
2100	-	-	-	1.06	1.59	1.06	3.17	5.29	19.58
2200	-	-	-	-	0.92	0.46	1.84	4.15	30.88
2300	-	-	-	-	0.55	0.55	1.66	4.42	19.89
TOTAL	-	-	0.02	0.09	0.27	0.15	0.75	4.15	22.04

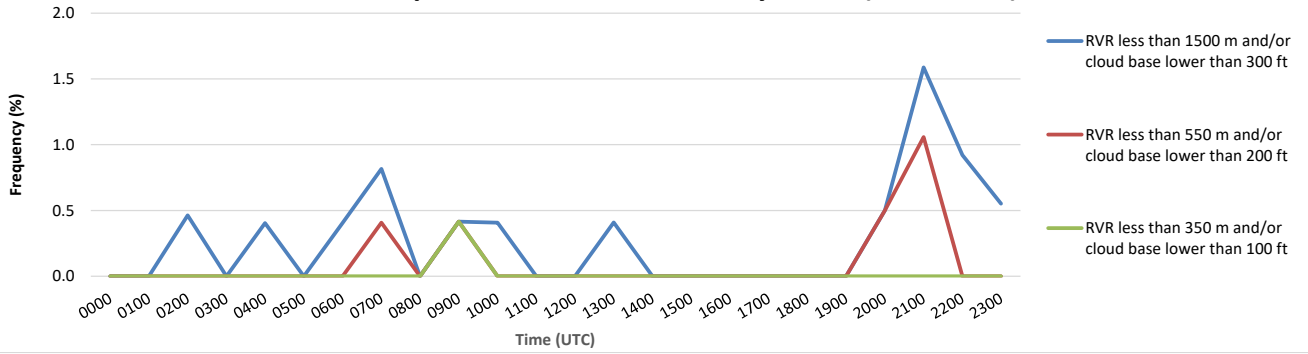
In March, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on eight-year observation, constitutes 0.02% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

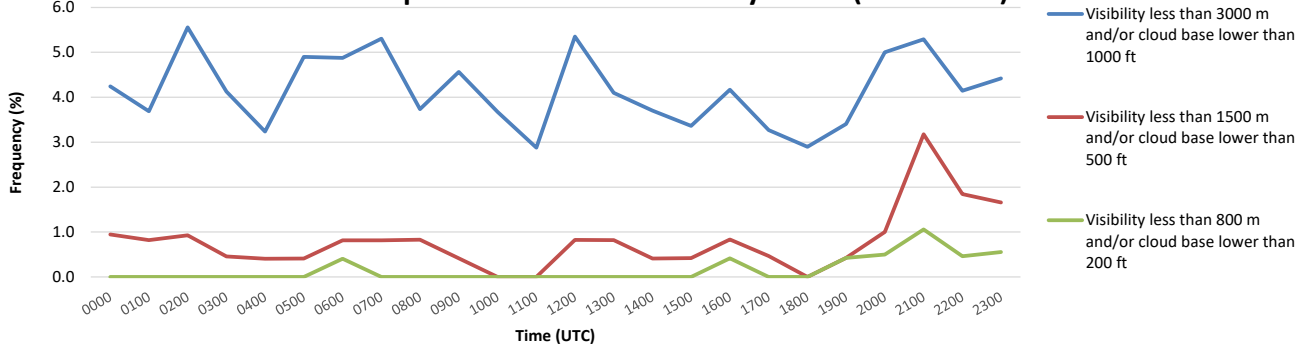
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.75% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 4.15% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in March by Hours (2010-2017)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in March by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	1.44	3.37	1.92	2.88	6.25	18.75
0100	-	-	-	1.23	2.06	1.65	3.29	7.41	30.45
0200	-	-	0.48	1.91	2.39	1.91	3.83	5.74	20.10
0300	-	0.47	2.35	2.35	2.82	2.82	4.23	8.92	22.54
0400	-	-	0.83	1.25	2.08	2.08	3.75	7.92	19.58
0500	-	0.41	0.83	0.83	0.83	0.41	0.83	5.81	14.11
0600	-	-	-	-	1.24	0.41	1.66	6.22	15.35
0700	-	-	-	0.42	0.83	0.83	2.92	6.25	15.83
0800	-	-	-	0.41	0.41	0.41	1.24	5.39	15.35
0900	-	-	-	-	-	-	1.25	3.75	12.50
1000	-	-	-	0.41	0.83	0.83	1.66	5.81	13.28
1100	-	-	-	0.42	1.25	0.83	2.08	5.42	14.17
1200	-	-	-	-	0.43	-	1.29	4.72	13.73
1300	-	-	-	0.42	0.84	0.84	2.10	5.04	17.65
1400	-	-	-	0.42	0.84	0.84	2.53	5.91	14.77
1500	-	-	0.42	0.42	0.83	0.42	2.08	5.83	15.83
1600	-	-	-	0.84	1.68	1.26	2.52	5.04	23.95
1700	-	-	0.47	0.47	1.40	0.93	1.40	4.19	19.53
1800	-	-	0.48	1.43	1.90	1.43	1.90	4.29	17.14
1900	-	-	0.43	1.70	1.70	1.70	1.70	4.26	25.96
2000	-	-	0.51	1.53	2.04	2.04	3.06	4.08	14.80
2100	-	-	-	2.65	2.65	2.12	3.70	6.88	17.99
2200	-	-	-	1.43	3.33	2.86	3.81	6.67	28.10
2300	-	-	-	2.19	3.83	3.83	4.92	6.56	15.30
TOTAL	-	0.04	0.28	0.96	1.59	1.29	2.47	5.76	18.17

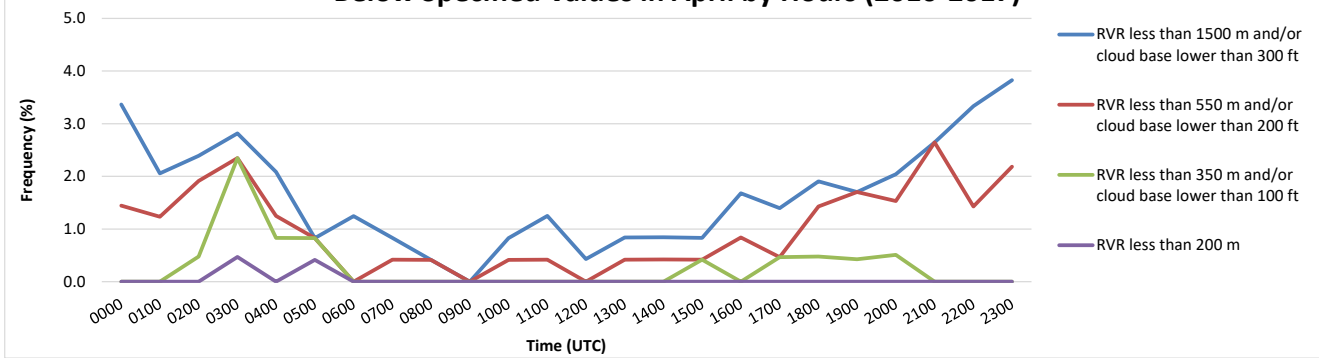
In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on eight-year observation, constitutes 0.04% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

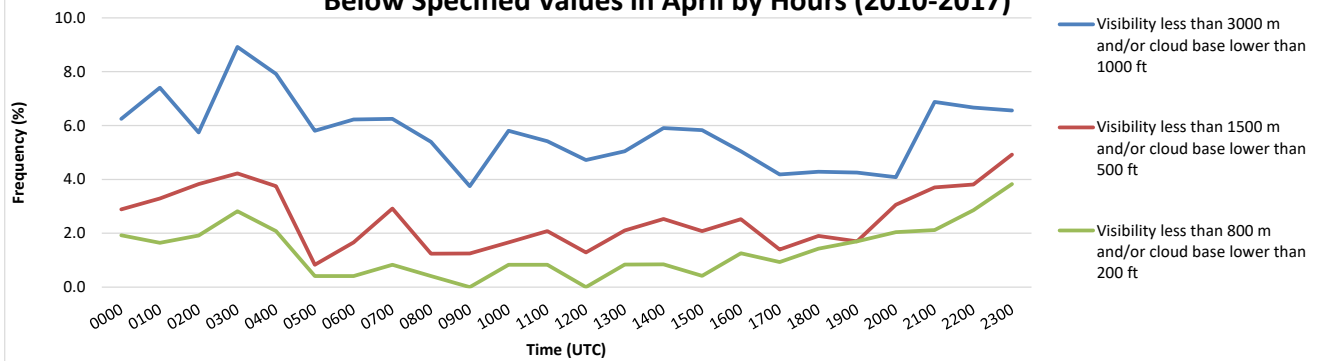
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 2.47% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 5.76% (see Model A).

### UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in April by Hours (2010-2017)



### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in April by Hours (2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	1.87	14.02
0100	-	-	-	0.41	0.41	0.82	0.82	3.70	25.51
0200	-	-	-	0.46	0.93	0.93	2.78	5.56	18.06
0300	-	-	-	-	-	0.46	0.91	3.65	14.61
0400	-	-	-	-	-	0.41	0.82	2.45	15.10
0500	-	-	-	-	-	0.40	0.40	2.83	15.79
0600	-	-	-	-	-	0.40	0.81	2.02	14.17
0700	-	-	-	-	-	0.41	0.81	2.03	13.41
0800	-	-	-	-	-	0.41	0.41	3.25	13.82
0900	-	-	-	-	-	0.41	0.41	2.88	12.76
1000	-	-	-	-	-	0.41	0.41	2.05	12.30
1100	-	-	-	-	-	0.41	0.82	1.64	10.25
1200	-	-	-	-	-	0.41	0.81	2.03	9.76
1300	-	-	-	-	-	0.41	0.82	1.63	9.80
1400	-	-	-	-	-	0.41	0.41	2.07	10.74
1500	-	-	-	-	-	0.42	0.42	1.67	14.23
1600	-	-	-	-	-	0.41	0.41	1.22	13.06
1700	-	-	-	-	-	0.46	0.46	1.83	19.63
1800	-	-	-	-	-	0.46	0.46	1.38	18.43
1900	-	-	-	-	-	0.42	0.42	1.68	26.47
2000	-	-	-	-	-	0.47	0.47	1.42	18.40
2100	-	-	-	-	-	0.48	0.48	2.40	15.38
2200	-	-	-	-	-	0.43	0.86	2.16	25.00
2300	-	-	-	-	0.48	0.48	0.95	1.43	17.14
TOTAL	-	-	-	0.04	0.07	0.45	0.68	2.28	15.66

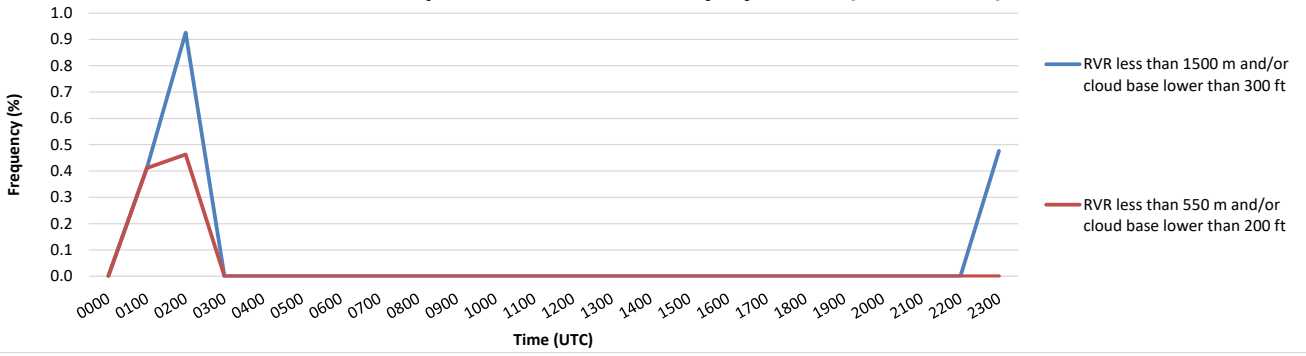
In May, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 550 meters and/or cloud ceiling below 200 feet, based on eight-year observation, constitutes 0.04% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

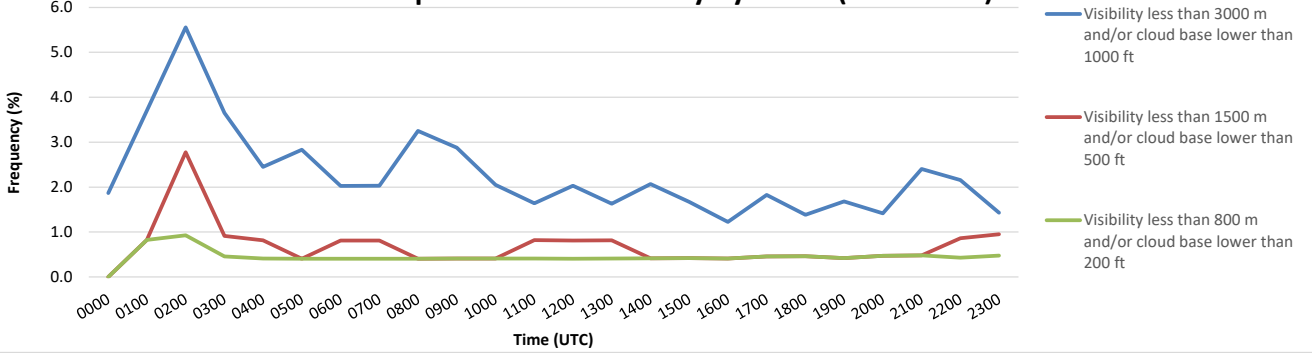
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.68% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 2.28% (see Model A).

### UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in May by Hours (2010-2017)



### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in May by Hours (2010-2017)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	0.96	9.13
0100	-	-	-	-	-	-	-	0.43	17.60
0200	-	-	-	-	-	-	-	0.47	10.85
0300	-	-	-	-	-	-	-	0.87	6.06
0400	-	-	-	-	-	-	-	0.42	7.17
0500	-	-	-	-	-	-	-	0.84	5.91
0600	-	-	-	-	-	-	-	1.25	8.75
0700	-	-	-	-	-	-	-	1.24	5.79
0800	-	-	-	-	-	-	-	0.83	6.25
0900	-	-	-	-	-	-	0.42	1.26	4.62
1000	-	-	-	-	-	-	-	0.42	6.33
1100	-	-	-	-	-	-	-	0.84	4.64
1200	-	-	-	-	-	-	-	0.84	5.91
1300	-	-	-	-	-	-	-	1.26	7.95
1400	-	-	-	-	-	-	-	0.42	6.28
1500	-	-	-	-	-	-	-	1.70	6.81
1600	-	-	-	-	-	-	0.42	0.84	6.69
1700	-	-	-	-	-	-	-	0.47	9.43
1800	-	-	-	-	-	-	-	0.48	7.62
1900	-	-	-	-	-	-	-	-	17.15
2000	-	-	-	-	-	-	-	0.47	10.28
2100	-	-	-	-	-	-	-	0.93	8.84
2200	-	-	-	-	-	-	-	0.83	20.75
2300	-	-	-	-	-	-	0.47	0.47	9.95
TOTAL	-	-	-	-	-	-	0.05	0.78	8.76

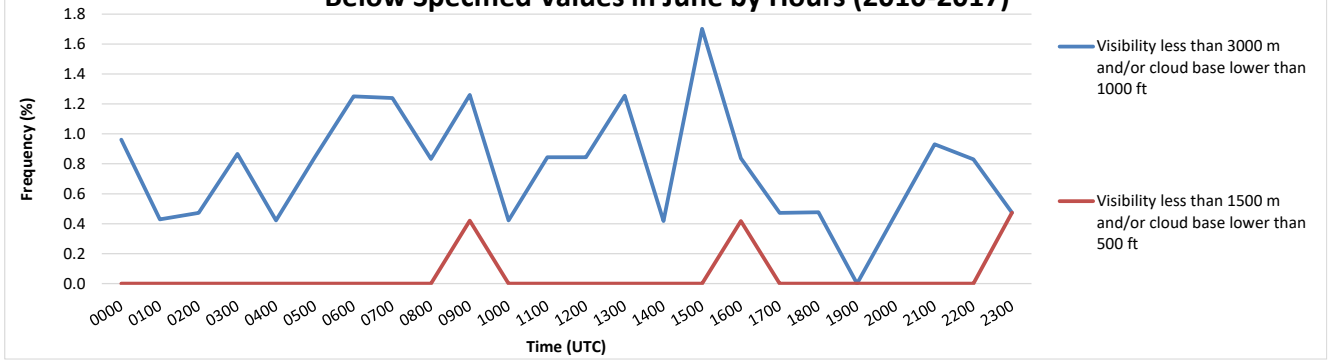
In June, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.05% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.78% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in June by Hours (2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	-	9.77
0100	-	-	-	-	-	-	-	-	18.03
0200	-	-	-	-	-	-	-	1.76	10.13
0300	-	-	-	-	-	-	-	1.28	6.81
0400	-	-	-	-	-	-	-	0.82	6.94
0500	-	-	-	-	-	0.41	0.41	0.82	6.97
0600	-	-	-	-	-	-	-	1.63	5.31
0700	-	-	-	-	-	-	-	2.01	6.02
0800	-	-	-	-	-	-	-	1.22	4.90
0900	-	-	-	-	-	-	-	0.41	4.88
1000	-	-	-	-	-	-	-	1.22	5.31
1100	-	-	-	-	-	-	-	0.82	4.08
1200	-	-	-	-	-	-	0.41	0.41	4.92
1300	-	-	-	-	-	-	-	1.22	5.28
1400	-	-	-	-	-	-	-	0.41	4.98
1500	-	-	-	-	-	-	-	-	3.70
1600	-	-	-	-	-	-	0.41	0.82	3.70
1700	-	-	-	-	-	-	0.44	0.44	11.84
1800	-	-	-	-	-	-	0.43	0.43	12.55
1900	-	-	-	-	-	-	-	-	16.80
2000	-	-	-	-	-	-	-	-	8.14
2100	-	-	-	-	-	-	-	0.45	7.69
2200	-	-	-	-	-	-	-	0.42	17.50
2300	-	-	-	-	-	-	-	0.45	9.95
TOTAL	-	-	-	-	-	0.02	0.09	0.72	8.13

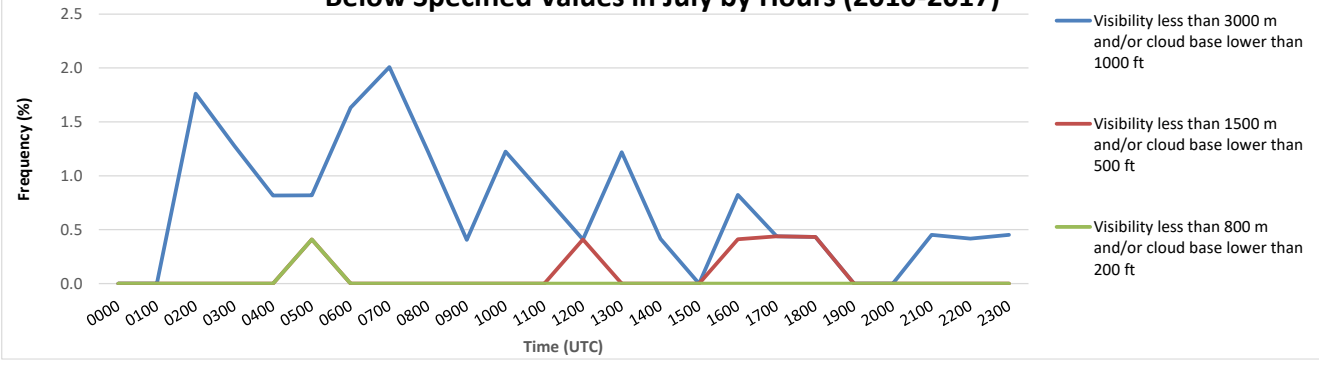
In July, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.09% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.72% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in July by Hours (2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	-	6.94
0100	-	-	-	-	-	-	-	-	14.66
0200	-	-	-	-	-	-	-	-	8.64
0300	-	-	-	-	-	-	-	-	4.22
0400	-	-	-	-	-	-	-	-	4.55
0500	-	-	-	-	-	-	-	0.41	4.96
0600	-	-	-	-	-	-	-	0.85	5.08
0700	-	-	-	-	-	-	-	0.41	3.70
0800	-	-	-	-	-	-	-	1.23	3.28
0900	-	-	-	-	-	-	-	0.42	4.60
1000	-	-	-	-	-	-	-	-	3.73
1100	-	-	-	-	-	-	0.41	0.82	3.69
1200	-	-	-	-	-	-	0.41	0.82	6.17
1300	-	-	-	-	-	-	-	0.41	4.51
1400	-	-	-	-	-	-	-	0.41	4.10
1500	-	-	-	-	-	-	-	0.41	4.55
1600	-	-	-	-	-	-	-	0.41	9.96
1700	-	-	-	-	-	-	-	-	15.09
1800	-	-	-	-	-	-	-	-	14.22
1900	-	-	-	-	-	-	-	-	15.45
2000	-	-	-	-	-	-	-	-	8.93
2100	-	-	-	-	-	-	-	0.46	6.91
2200	-	-	-	-	-	-	-	-	12.88
2300	-	-	-	-	-	-	-	-	6.94
TOTAL	-	-	-	-	-	-	0.04	0.30	7.34

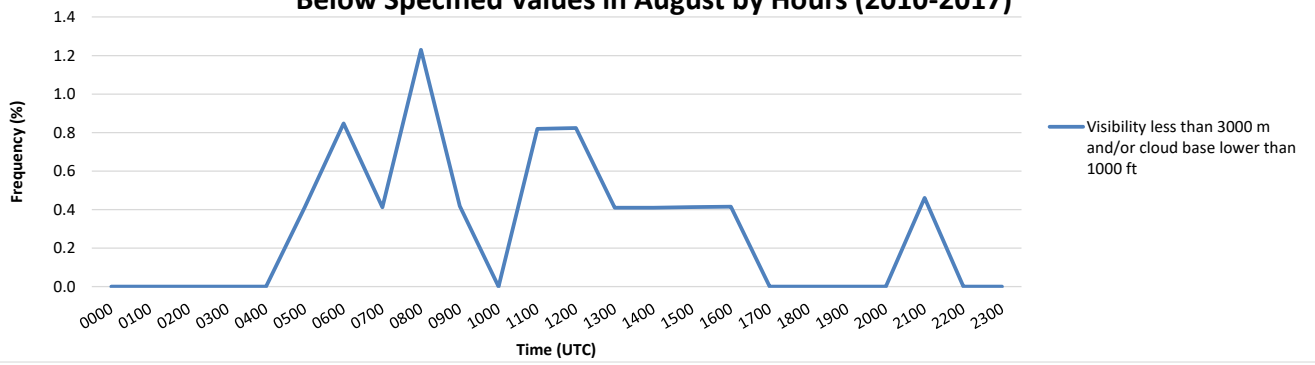
In August, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.04% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.30% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in August by Hours (2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	0.93	10.19
0100	-	-	-	-	-	-	-	0.42	15.61
0200	-	-	-	-	-	-	-	0.47	7.44
0300	-	-	-	-	-	-	-	0.45	7.24
0400	-	-	-	-	-	-	-	0.84	6.33
0500	-	-	-	-	-	-	-	0.84	6.72
0600	-	-	-	-	-	-	-	0.42	7.56
0700	-	-	-	-	-	-	0.42	0.42	5.93
0800	-	-	-	-	-	-	0.42	0.42	6.30
0900	-	-	-	-	-	-	-	0.42	5.91
1000	-	-	-	-	-	-	-	-	5.93
1100	-	-	-	-	-	-	-	-	3.78
1200	-	-	-	-	-	-	-	0.42	5.91
1300	-	-	-	-	-	-	-	-	7.56
1400	-	-	-	-	-	-	-	1.28	5.53
1500	-	-	-	-	-	-	-	0.43	8.12
1600	-	-	-	-	-	-	-	0.84	17.65
1700	-	-	-	-	-	-	-	-	15.32
1800	-	-	-	-	-	-	-	0.46	6.88
1900	-	-	-	-	-	-	-	0.42	15.97
2000	-	-	-	-	-	-	-	-	11.21
2100	-	-	-	-	-	-	-	0.47	8.84
2200	-	-	-	-	-	-	-	0.42	15.61
2300	-	-	-	-	-	-	-	0.46	11.06
TOTAL	-	-	-	-	-	-	0.04	0.45	9.11

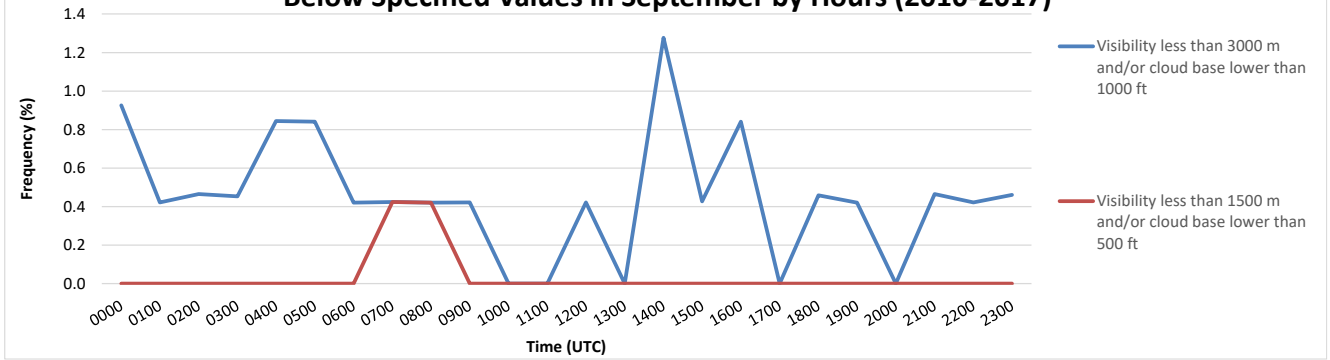
In September, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.04% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.45% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in September by Hours (2010-2017)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	0.44	19.21
0100	-	-	-	-	-	-	-	0.40	22.00
0200	-	-	-	-	-	-	-	-	17.67
0300	-	-	-	-	-	-	-	0.41	15.51
0400	-	-	-	-	-	-	-	0.80	8.00
0500	-	-	-	-	-	-	-	0.40	7.20
0600	-	-	-	-	-	-	-	-	9.20
0700	-	-	-	-	-	-	-	0.81	6.45
0800	-	-	-	-	-	-	-	0.41	6.56
0900	-	-	-	-	-	-	-	-	6.97
1000	-	-	-	-	-	-	-	0.41	7.38
1100	-	-	-	-	-	-	-	0.41	7.79
1200	-	-	-	-	0.41	-	0.41	0.81	7.72
1300	-	-	-	-	-	-	-	0.40	6.48
1400	-	-	-	-	-	-	-	0.40	8.03
1500	-	-	-	-	-	-	-	-	22.40
1600	-	-	-	-	-	-	0.40	0.40	20.00
1700	-	-	-	-	-	-	-	-	19.84
1800	-	-	-	-	-	-	-	-	17.77
1900	-	-	-	-	-	-	-	0.40	18.62
2000	-	-	-	-	-	-	-	-	18.55
2100	-	-	-	-	-	-	-	0.83	17.84
2200	-	-	-	-	-	-	-	-	18.55
2300	-	-	-	-	-	-	-	0.40	20.16
TOTAL	-	-	-	-	0.02	-	0.03	0.34	13.74

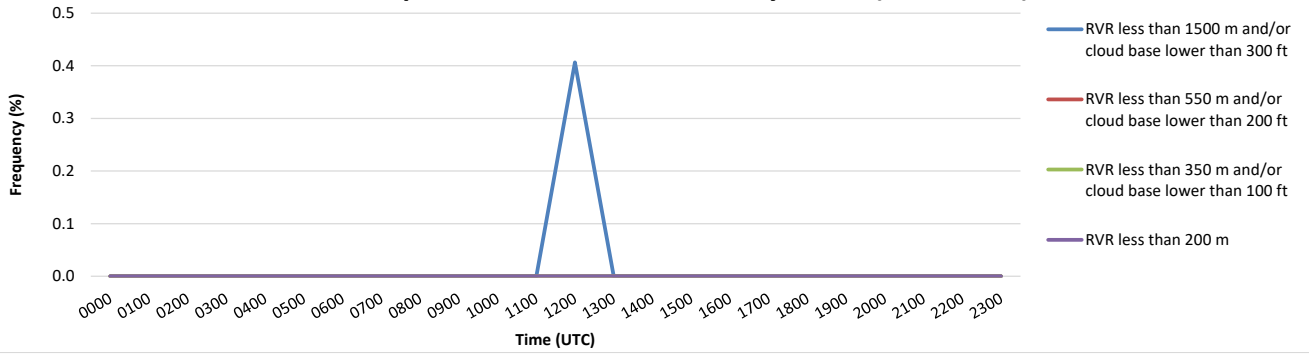
In October, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 1500 meters and/or cloud ceiling below 300 feet, based on eight-year observation, constitutes 0.02% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

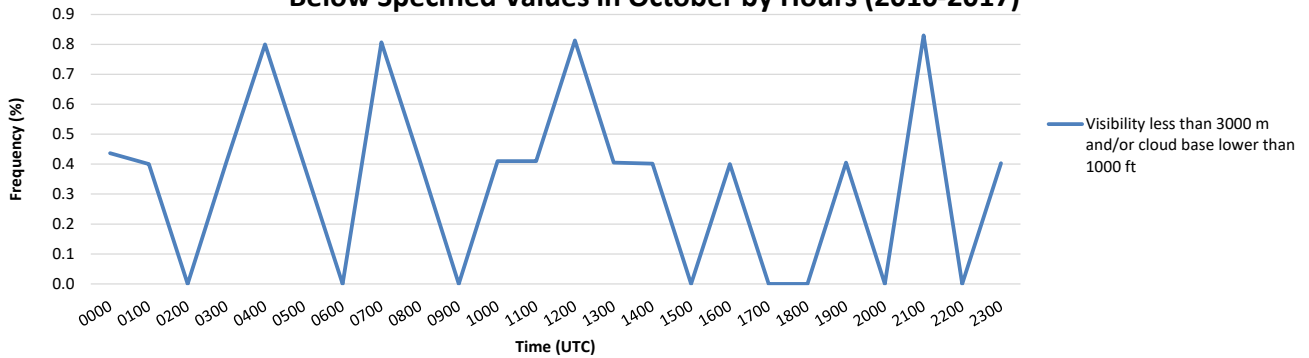
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.03% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.34% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in October by Hours (2010-2017)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in October by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	-	-	20.35
0100	-	-	-	-	-	-	-	0.84	20.17
0200	-	-	-	-	-	-	-	0.41	18.60
0300	-	-	-	-	-	-	-	0.42	18.33
0400	-	-	-	-	-	-	-	0.84	14.23
0500	-	-	-	-	-	-	0.41	1.24	8.30
0600	-	-	-	-	-	-	-	0.42	7.53
0700	-	-	-	-	-	-	-	0.43	7.66
0800	-	-	-	-	-	-	-	1.25	7.92
0900	-	-	-	-	-	-	-	0.85	8.94
1000	-	-	-	-	-	-	-	0.41	6.61
1100	-	-	-	-	-	-	-	0.84	7.98
1200	-	-	-	-	-	-	-	0.42	6.75
1300	-	-	-	-	-	-	-	0.42	10.13
1400	-	-	-	-	-	-	-	0.84	16.88
1500	-	-	-	-	-	-	-	-	19.57
1600	-	-	-	-	-	-	-	0.84	22.18
1700	-	-	-	-	-	-	-	0.83	24.17
1800	-	-	-	-	-	-	-	0.42	22.92
1900	-	-	-	-	-	-	-	0.42	21.01
2000	-	-	-	-	-	-	-	0.42	23.01
2100	-	-	-	-	-	-	-	0.42	21.52
2200	-	-	-	-	-	-	-	-	21.19
2300	-	-	-	-	-	-	-	0.42	21.25
TOTAL	-	-	-	-	-	-	0.02	0.56	15.71

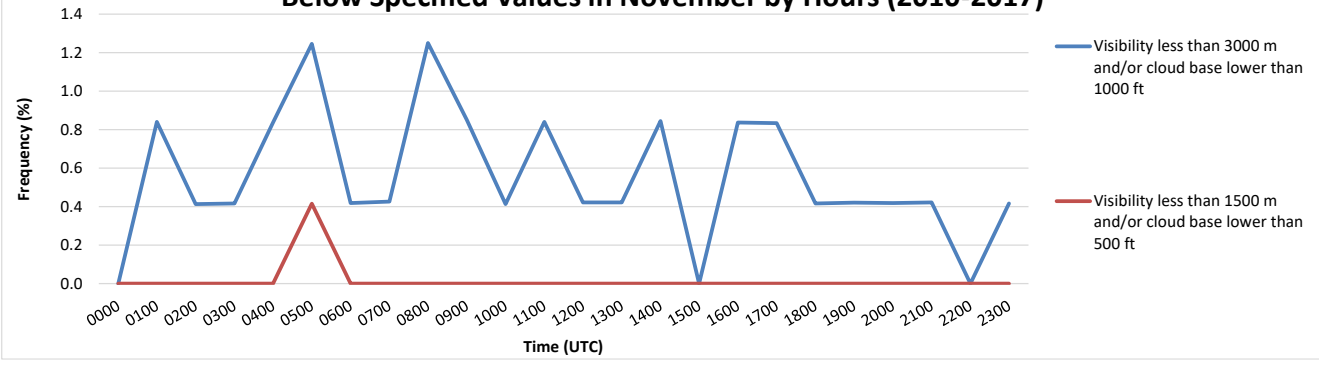
In November, based on eight-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.02% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.56% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in November by Hours (2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)
0000	-	-	-	-	-	-	0.83	1.65	22.73
0100	-	-	-	-	-	-	-	1.21	22.58
0200	-	-	-	-	-	-	0.41	0.41	21.31
0300	-	-	-	-	-	-	-	0.40	22.58
0400	-	-	-	-	-	-	-	0.40	21.46
0500	-	-	-	-	-	-	-	1.62	12.96
0600	-	-	-	-	0.40	0.40	0.81	2.02	12.10
0700	-	-	-	-	-	-	0.80	1.60	12.40
0800	-	-	-	-	-	0.81	0.81	1.61	13.31
0900	-	-	-	-	0.40	-	0.40	0.81	11.69
1000	-	-	-	-	-	-	0.40	1.20	13.25
1100	-	-	-	-	-	-	-	1.22	11.84
1200	-	-	-	-	-	-	-	1.65	10.74
1300	-	-	-	-	0.40	-	0.40	2.43	9.72
1400	-	-	-	-	-	-	-	1.22	21.22
1500	-	-	-	-	-	-	0.41	0.81	21.54
1600	-	-	-	-	-	-	-	1.21	23.39
1700	-	-	-	-	-	-	-	0.81	22.98
1800	-	-	-	-	-	0.40	0.40	0.81	20.56
1900	-	-	-	-	-	-	0.40	0.80	22.49
2000	-	-	-	-	-	-	-	1.61	22.18
2100	-	-	-	-	-	-	0.40	1.21	22.27
2200	-	-	-	-	-	-	0.41	1.22	19.92
2300	-	-	-	-	-	0.41	0.82	1.23	21.81
TOTAL	-	-	-	-	0.05	0.08	0.32	1.22	18.21

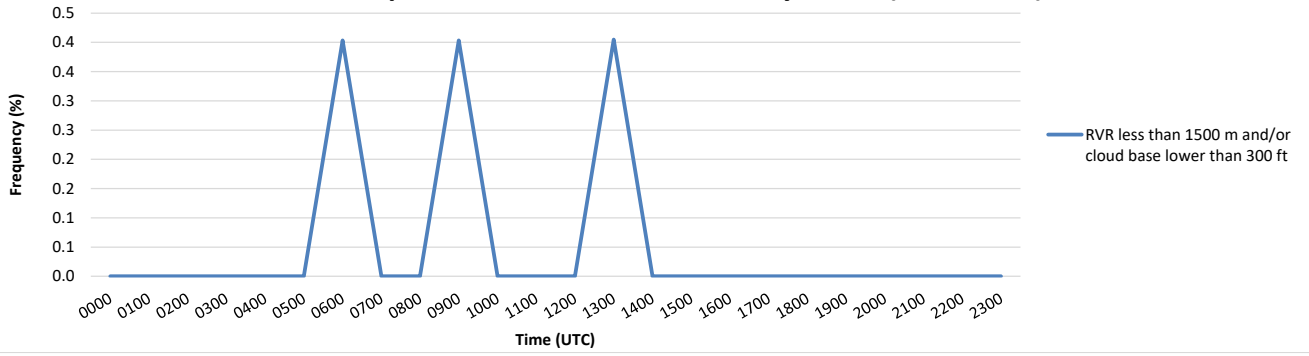
In December, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 1500 meters and/or cloud ceiling below 300 feet, based on eight-year observation, constitutes 0.05% (see Model A).

According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

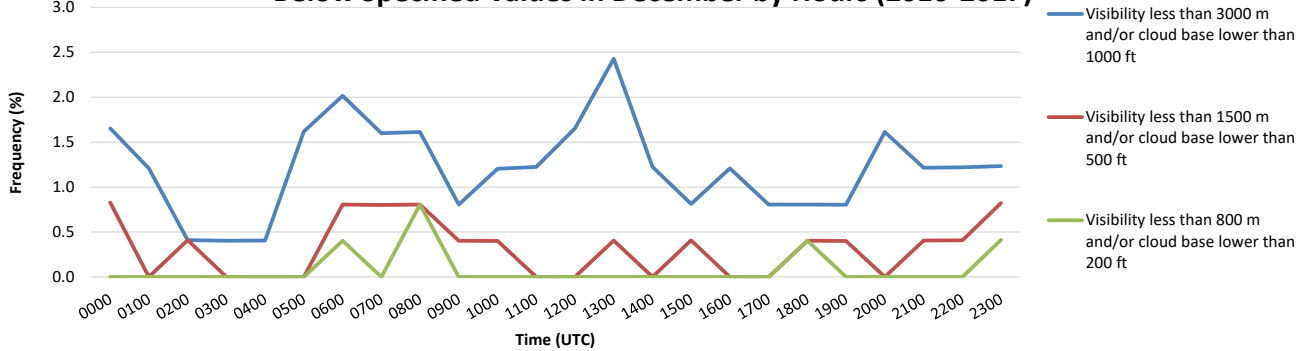
For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.32% (see Model A).

For Batumi International Airport, based on eight-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 1.22% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2017)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2017)**



## AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL B

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.93	2.79	22.33
0100	-	-	-	-	0.82	2.87	3.69	29.10
0200	-	-	-	-	0.46	0.46	3.21	22.48
0300	-	-	-	-	0.46	0.92	2.76	21.20
0400	-	-	-	0.41	0.81	1.63	2.44	30.08
0500	-	-	-	-	2.05	3.69	4.51	8.61
0600	-	-	-	-	0.80	2.41	5.22	10.04
0700	-	-	0.81	1.62	2.02	2.83	4.45	8.10
0800	-	0.82	0.82	0.82	1.23	2.88	3.29	5.76
0900	-	-	-	-	0.81	1.22	3.25	6.91
1000	-	-	-	0.41	0.41	0.41	3.66	5.69
1100	-	-	0.40	0.40	1.19	1.59	3.17	7.14
1200	-	-	0.41	0.41	2.04	3.27	4.90	9.80
1300	-	-	-	0.41	1.65	3.29	5.76	10.29
1400	-	-	0.41	0.82	1.23	3.70	4.53	16.46
1500	-	0.42	0.42	0.42	0.42	2.08	2.92	29.58
1600	-	0.41	0.41	0.82	1.23	2.47	3.29	30.86
1700	-	-	-	-	0.45	1.35	1.79	20.18
1800	-	-	-	0.47	0.47	1.40	1.86	17.21
1900	-	-	-	-	0.41	1.23	2.47	28.81
2000	-	-	0.47	0.47	0.95	1.90	2.37	18.01
2100	-	-	-	0.50	0.50	1.49	2.97	14.36
2200	-	0.46	0.46	0.46	0.92	1.84	3.23	22.58
2300	-	-	-	0.53	0.53	1.07	4.28	10.16
Mean	-	0.09	0.19	0.37	0.91	1.95	3.45	16.91

According to the climatological table of January the mean percentage of visibility values below 8000 meters is 16.91%; correspondingly, the mean percentage of 83.09% 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 400 meters is 0.09% (See climatological table of January, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	0.51	0.51	2.03	3.05	6.09	22.84
0100	-	-	0.45	0.45	0.90	1.35	2.70	27.93
0200	-	0.50	0.50	1.01	1.01	4.02	7.04	20.10
0300	-	-	0.50	0.50	0.50	0.50	2.00	20.50
0400	-	-	-	0.45	0.90	1.81	3.62	25.34
0500	-	-	0.44	0.44	0.44	2.22	6.67	14.67
0600	-	-	-	0.45	0.90	3.59	5.83	10.76
0700	-	-	-	-	0.90	2.70	4.05	9.91
0800	-	0.44	0.44	0.44	0.88	1.75	3.51	5.70
0900	-	0.44	0.44	0.44	0.88	2.20	3.52	6.17
1000	-	-	0.90	0.90	0.90	2.25	5.41	7.66
1100	-	-	-	-	-	1.78	4.89	6.67
1200	-	-	-	-	-	0.44	2.67	5.78
1300	-	0.44	0.44	0.44	0.88	1.33	3.54	8.41
1400	-	0.45	0.45	0.91	0.91	2.27	2.73	4.55
1500	-	-	1.83	1.83	2.28	2.28	3.20	25.11
1600	-	-	1.78	1.78	2.22	2.22	2.22	27.56
1700	-	0.51	1.52	1.52	1.52	2.54	3.55	18.78
1800	-	-	1.60	1.60	2.13	3.19	4.26	16.49
1900	-	0.48	0.96	1.44	1.44	1.91	3.83	23.92
2000	-	0.56	1.13	1.69	1.69	2.82	6.78	16.95
2100	-	-	1.18	1.18	1.18	2.94	4.12	11.18
2200	-	-	0.50	0.50	0.50	0.50	2.50	20.00
2300	-	-	0.59	0.59	1.18	1.18	4.73	11.83
Mean	-	0.16	0.67	0.79	1.09	2.12	4.14	15.37

According to the climatological table of February the mean percentage of visibility values below 8000 meters is 15.37%; correspondingly, the mean percentage of 84.63% 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 400 meters is 0.16% (See climatological table of February, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	0.47	0.94	4.25	10.85
0100	-	-	-	-	-	-	3.28	20.90
0200	-	-	-	-	-	-	1.85	8.33
0300	-	-	-	-	-	0.46	2.75	11.01
0400	-	-	-	-	0.40	0.81	2.43	10.53
0500	-	-	-	-	0.41	2.45	4.08	8.98
0600	-	-	0.41	0.41	0.81	1.63	4.88	9.76
0700	-	-	-	-	0.41	1.22	3.67	8.16
0800	-	-	-	-	-	1.66	3.73	9.13
0900	-	-	-	-	0.41	1.66	2.90	10.79
1000	-	-	-	-	-	0.82	2.86	8.16
1100	-	-	-	-	-	0.82	2.47	7.00
1200	-	-	-	-	-	1.23	3.29	8.64
1300	-	-	-	-	-	0.41	2.46	9.84
1400	-	-	-	-	-	0.41	1.65	9.88
1500	-	-	-	-	-	0.42	4.20	10.08
1600	-	-	-	0.42	0.42	0.42	1.67	18.75
1700	-	-	-	-	0.47	0.47	0.93	9.81
1800	-	-	-	-	-	0.48	2.42	10.14
1900	-	-	-	0.43	0.43	0.43	1.70	20.85
2000	-	0.50	0.50	0.50	0.50	1.00	3.50	11.50
2100	-	0.53	0.53	0.53	0.53	1.59	4.76	12.70
2200	-	-	0.46	0.46	0.92	0.92	2.30	20.28
2300	-	-	0.55	0.55	1.10	1.10	3.31	10.50
Mean	-	0.04	0.10	0.14	0.30	0.89	2.97	11.52

According to the climatological table of March the mean percentage of visibility values below 8000 meters is 11.52%; correspondingly, the mean percentage of 88.48% 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 400 meters is 0.04% (See climatological table of March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	1.44	1.92	2.88	2.88	5.29	12.50
0100	-	0.41	0.82	1.23	2.47	3.70	4.94	23.87
0200	-	0.96	1.91	1.91	2.87	3.35	4.31	12.92
0300	0.47	1.88	2.35	2.82	3.29	6.10	9.39	16.90
0400	-	0.83	2.08	2.08	2.50	3.33	5.83	14.58
0500	0.41	0.41	0.41	0.41	0.83	1.24	2.90	8.30
0600	-	-	-	0.41	0.83	2.49	5.81	9.13
0700	-	0.42	0.83	0.83	1.67	4.17	6.25	8.75
0800	-	0.41	0.41	0.41	0.41	3.32	4.98	8.30
0900	-	-	-	-	-	1.25	4.58	6.25
1000	-	-	-	0.41	0.41	2.07	3.73	6.22
1100	-	-	0.42	0.42	0.42	2.92	4.17	7.50
1200	-	-	-	-	0.43	1.29	4.29	7.30
1300	-	-	0.42	0.42	0.84	2.94	3.78	7.98
1400	-	-	0.84	0.84	1.69	2.95	5.49	9.70
1500	-	0.42	0.42	0.42	1.25	1.67	4.17	8.75
1600	-	0.42	0.84	1.26	1.68	2.52	3.78	16.81
1700	-	0.93	0.93	0.93	0.93	1.86	2.79	10.70
1800	-	0.48	0.95	1.43	1.90	1.90	2.86	9.52
1900	-	0.85	1.28	1.70	1.70	1.70	2.13	20.00
2000	-	1.53	2.04	2.04	2.04	2.55	4.08	9.18
2100	-	0.53	2.12	2.12	2.65	2.65	3.70	11.64
2200	-	-	2.38	2.86	3.33	4.29	6.19	23.81
2300	-	1.09	3.83	3.83	3.83	3.83	4.92	9.84
Mean	0.04	0.48	1.11	1.28	1.70	2.79	4.60	11.69

According to the climatological table of April the mean percentage of visibility values below 8000 meters is 11.69%; correspondingly, the mean percentage of 88.31% 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 0.04% (See climatological table of April, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	1.87	8.88
0100	-	-	0.41	0.41	0.41	2.03	4.07	23.17
0200	-	-	-	-	-	0.92	5.50	12.84
0300	-	-	-	-	-	2.25	6.31	10.81
0400	-	-	-	-	-	1.22	3.25	7.72
0500	-	-	-	-	-	0.40	2.82	7.26
0600	-	-	-	-	-	0.81	2.82	7.26
0700	-	-	-	-	-	0.81	2.83	8.10
0800	-	-	-	-	-	0.80	2.81	6.02
0900	-	-	-	-	-	1.23	1.64	4.51
1000	-	-	-	-	-	1.22	1.63	2.85
1100	-	-	-	-	-	1.63	2.44	3.66
1200	-	-	-	-	-	1.62	3.24	4.05
1300	-	-	-	-	-	1.63	2.03	3.66
1400	-	-	-	-	0.41	1.23	2.05	4.51
1500	-	-	-	-	-	0.42	2.08	3.75
1600	-	-	-	-	-	-	0.81	4.45
1700	-	-	-	-	-	-	0.91	7.27
1800	-	-	-	-	-	-	0.92	7.34
1900	-	-	-	-	-	0.42	0.42	16.32
2000	-	-	-	-	-	0.47	1.41	7.51
2100	-	-	-	-	-	-	1.88	10.33
2200	-	-	-	-	-	-	2.51	21.34
2300	-	-	-	-	-	-	1.89	9.43
Mean	-	-	0.02	0.02	0.03	0.80	2.42	8.46

According to the climatological table of May the mean percentage of visibility values below 8000 meters is 8.46%; correspondingly, the mean percentage of 91.54% 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 600 meters is 0.02% (See climatological table of May, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	5.29
0100	-	-	-	-	-	-	0.43	14.59
0200	-	-	-	-	-	-	2.83	6.13
0300	-	-	-	-	-	-	2.60	4.33
0400	-	-	-	-	-	-	1.69	3.80
0500	-	-	-	-	-	0.42	1.69	5.06
0600	-	-	-	-	-	0.42	2.92	5.00
0700	-	-	-	-	-	0.83	2.07	3.72
0800	-	-	-	-	-	0.83	2.08	4.17
0900	-	-	-	-	-	0.84	1.68	2.94
1000	-	-	-	-	-	-	1.27	2.53
1100	-	-	-	-	-	0.42	1.69	2.11
1200	-	-	-	-	-	0.42	2.11	2.95
1300	-	-	-	-	-	0.84	1.67	2.51
1400	-	-	-	-	-	-	0.42	2.51
1500	-	-	-	-	-	1.28	2.55	3.40
1600	-	-	-	-	0.42	0.84	1.26	5.02
1700	-	-	-	-	-	-	0.94	6.13
1800	-	-	-	-	-	0.48	0.95	4.76
1900	-	-	-	-	-	-	-	14.23
2000	-	-	-	-	-	-	0.47	5.61
2100	-	-	-	-	-	0.47	0.93	4.65
2200	-	-	-	-	-	-	-	15.77
2300	-	-	-	-	-	-	0.47	5.21
Mean	-	-	-	-	0.02	0.34	1.36	5.52

According to the climatological table of June the mean percentage of visibility values below 8000 meters is 5.52%; correspondingly, the mean percentage of 94.48% 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 1500 meters is 0.02% (See climatological table of June, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	1.40	7.44
0100	-	-	-	-	-	-	1.64	15.57
0200	-	-	-	-	-	1.32	3.52	8.37
0300	-	-	-	-	-	1.28	2.98	4.26
0400	-	-	-	-	-	0.82	1.22	5.71
0500	-	-	-	-	-	0.41	2.46	3.69
0600	-	-	-	-	-	1.22	2.86	4.08
0700	-	-	-	-	-	1.61	2.41	4.42
0800	-	-	-	-	-	0.82	1.63	2.86
0900	-	-	-	-	-	-	1.63	4.07
1000	-	-	-	-	-	1.22	3.27	4.90
1100	-	-	-	-	-	-	1.63	2.45
1200	-	-	-	-	-	0.41	1.64	2.46
1300	-	-	-	-	-	1.22	2.03	2.85
1400	-	-	-	-	-	0.41	1.24	2.07
1500	-	-	-	-	-	-	0.82	1.65
1600	-	-	-	-	-	0.82	0.82	1.65
1700	-	-	-	-	-	0.44	2.19	9.65
1800	-	-	-	-	0.43	0.43	1.73	9.09
1900	-	-	-	-	-	-	0.82	12.70
2000	-	-	-	-	-	-	0.45	4.95
2100	-	-	-	-	-	-	-	5.43
2200	-	-	-	-	-	0.42	1.25	15.83
2300	-	-	-	-	-	0.45	0.90	9.05
Mean	-	-	-	-	0.02	0.55	1.69	6.05

According to the climatological table of July the mean percentage of visibility values below 8000 meters is 6.05%; correspondingly, the mean percentage of 93.95% 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 1500 meters is 0.02% (See climatological table of July, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	5.09
0100	-	-	-	-	-	-	-	11.64
0200	-	-	-	-	-	-	0.45	5.91
0300	-	-	-	-	-	-	-	2.11
0400	-	-	-	-	-	-	0.41	2.07
0500	-	-	-	-	-	0.41	1.24	2.48
0600	-	-	-	-	-	-	2.12	3.81
0700	-	-	-	-	-	-	1.23	2.06
0800	-	-	-	-	-	0.41	1.64	2.46
0900	-	-	-	-	-	-	1.26	4.18
1000	-	-	-	-	-	-	0.41	2.49
1100	-	-	-	-	0.41	0.41	0.82	2.05
1200	-	-	-	-	0.41	0.82	2.88	3.70
1300	-	-	-	-	-	-	1.23	2.46
1400	-	-	-	-	-	0.41	0.82	1.64
1500	-	-	-	-	-	0.41	1.24	2.48
1600	-	-	-	-	-	0.41	1.66	7.47
1700	-	-	-	-	-	-	0.86	12.07
1800	-	-	-	-	-	-	1.33	10.22
1900	-	-	-	-	-	-	0.43	13.73
2000	-	-	-	-	-	-	0.45	7.59
2100	-	-	-	-	-	0.46	1.38	5.53
2200	-	-	-	-	-	-	0.43	11.16
2300	-	-	-	-	-	-	1.39	5.56
Mean	-	-	-	-	0.03	0.16	0.99	5.41

According to the climatological table of August the mean percentage of visibility values below 8000 meters is 5.41%; correspondingly, the mean percentage of 94.59% 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 1500 meters is 0.03% (See climatological table of August, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.46	1.85	8.80
0100	-	-	-	-	-	0.42	0.42	13.50
0200	-	-	-	-	-	-	0.47	6.51
0300	-	-	-	-	-	-	1.36	4.07
0400	-	-	-	-	-	0.84	2.95	3.80
0500	-	-	-	-	-	0.84	2.94	5.04
0600	-	-	-	-	-	0.42	2.10	5.46
0700	-	-	-	-	0.42	0.42	2.12	4.24
0800	-	-	-	-	0.42	0.42	1.26	4.20
0900	-	-	-	-	-	0.42	2.11	4.22
1000	-	-	-	-	-	-	0.42	2.54
1100	-	-	-	-	-	-	-	2.52
1200	-	-	-	-	-	0.42	1.27	2.95
1300	-	-	-	-	-	-	0.84	3.36
1400	-	-	-	-	-	0.43	1.70	4.26
1500	-	-	-	-	-	-	2.56	5.13
1600	-	-	-	-	-	0.84	2.10	15.55
1700	-	-	-	-	-	-	0.43	14.47
1800	-	-	-	-	-	-	0.92	5.96
1900	-	-	-	-	-	0.42	0.42	14.29
2000	-	-	-	-	-	-	0.45	8.97
2100	-	-	-	-	-	0.47	0.93	6.51
2200	-	-	-	-	-	-	0.42	13.08
2300	-	-	-	-	-	-	0.46	8.76
Mean	-	-	-	-	0.04	0.28	1.27	7.01

According to the climatological table of September the mean percentage of visibility values below 8000 meters is 7.01%; correspondingly, the mean percentage of 92.99% 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 1500 meters is 0.04% (See climatological table of September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.44	1.75	15.72
0100	-	-	-	-	-	0.40	1.60	18.00
0200	-	-	-	-	-	-	0.40	15.66
0300	-	-	-	-	-	-	2.04	13.47
0400	-	-	-	-	-	0.80	1.60	6.00
0500	-	-	-	-	-	0.40	3.60	5.20
0600	-	-	-	-	-	-	0.40	5.20
0700	-	-	-	-	-	0.81	1.61	3.23
0800	-	-	-	-	-	0.41	0.82	3.69
0900	-	-	-	-	-	-	0.82	4.51
1000	-	-	-	-	-	0.41	2.05	4.92
1100	-	-	-	-	-	0.41	1.64	4.92
1200	-	-	-	-	0.41	0.41	1.22	3.66
1300	-	-	-	-	-	0.40	1.21	4.05
1400	-	-	-	-	-	0.40	1.20	4.02
1500	-	-	-	-	-	-	0.80	15.60
1600	-	-	-	-	0.40	0.40	0.80	16.40
1700	-	-	-	-	-	-	0.81	15.38
1800	-	-	-	-	-	-	1.24	12.81
1900	-	-	-	-	-	0.40	0.81	15.38
2000	-	-	-	-	-	-	2.02	16.13
2100	-	-	-	-	-	0.41	1.24	12.86
2200	-	-	-	-	-	-	0.81	16.53
2300	-	-	-	-	-	-	2.42	18.15
Mean	-	-	-	-	0.03	0.27	1.37	10.48

According to the climatological table of October the mean percentage of visibility values below 8000 meters is 10.48%; correspondingly, the mean percentage of 89.52% 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 1500 meters is 0.03% (See climatological table of October, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	0.43	15.95
0100	-	-	-	-	-	0.42	1.68	15.97
0200	-	-	-	-	-	-	0.83	15.29
0300	-	-	-	-	-	-	1.25	15.83
0400	-	-	-	-	-	-	1.26	10.88
0500	-	-	-	-	0.41	0.83	2.49	6.22
0600	-	-	-	-	-	0.42	2.51	4.60
0700	-	-	-	-	-	0.43	1.70	3.83
0800	-	-	-	-	-	0.83	2.92	5.83
0900	-	-	-	-	-	0.85	1.70	4.68
1000	-	-	-	-	-	0.41	0.41	2.48
1100	-	-	-	-	-	0.84	3.36	5.46
1200	-	-	-	-	-	0.42	1.69	4.22
1300	-	-	-	-	-	0.42	1.69	6.33
1400	-	-	-	-	-	0.42	0.84	11.81
1500	-	-	-	-	-	-	2.13	16.60
1600	-	-	-	-	-	-	0.42	16.74
1700	-	-	-	-	-	-	0.83	18.75
1800	-	-	-	-	-	-	2.08	16.67
1900	-	-	-	-	-	0.42	0.84	17.23
2000	-	-	-	-	-	0.42	1.26	18.83
2100	-	-	-	-	-	0.42	1.27	17.30
2200	-	-	-	-	-	-	1.69	17.80
2300	-	-	-	-	-	0.42	0.83	16.25
Mean	-	-	-	-	0.02	0.33	1.50	11.90

According to the climatological table of November the mean percentage of visibility values below 8000 meters is 11.90%; correspondingly, the mean percentage of 88.1% 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 1500 meters is 0.02% (See climatological table of November, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

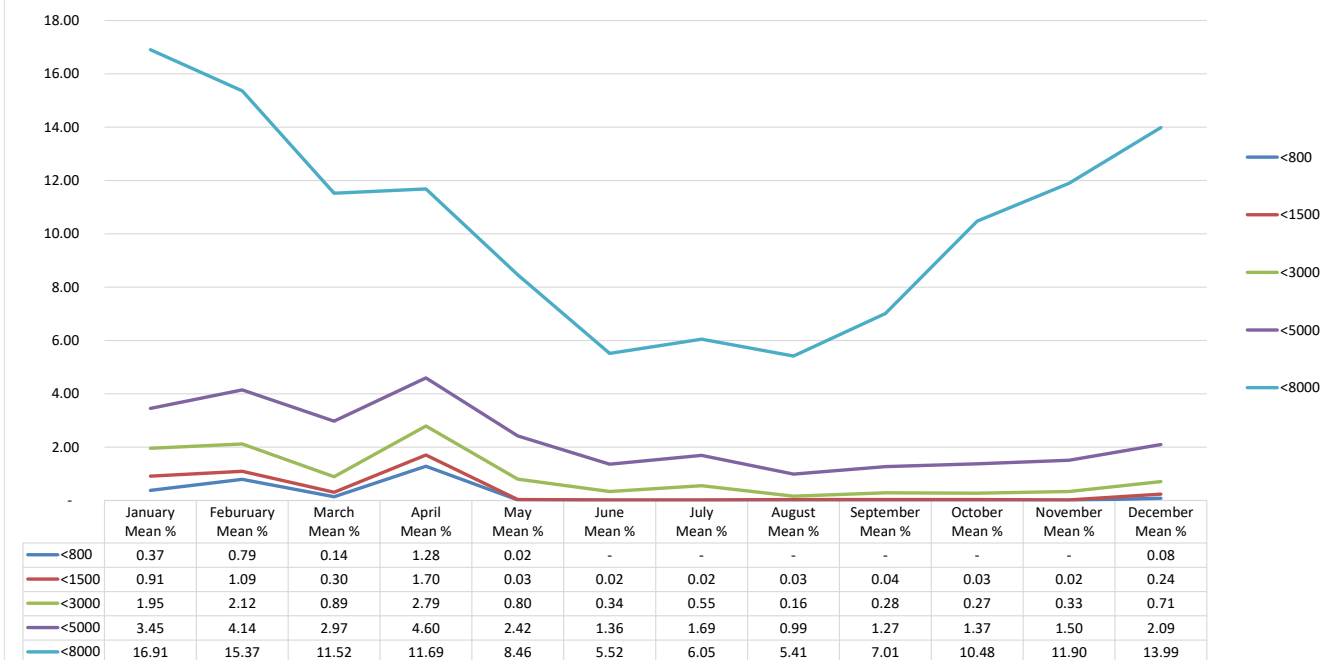
FREQUENCIES (PERCENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METERS) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.83	1.65	16.94
0100	-	-	-	-	-	0.81	2.02	17.74
0200	-	-	-	-	-	-	0.41	18.03
0300	-	-	-	-	-	0.40	2.42	18.15
0400	-	-	-	-	-	-	1.63	17.89
0500	-	-	-	-	-	0.81	2.43	7.29
0600	-	-	-	0.40	0.81	2.02	5.65	8.47
0700	-	-	-	-	0.80	1.60	2.40	7.60
0800	-	-	0.40	0.81	0.81	1.21	3.23	9.68
0900	-	-	-	-	0.40	0.40	2.02	7.26
1000	-	-	-	-	-	0.80	2.81	8.43
1100	-	-	-	-	-	0.41	2.45	6.94
1200	-	-	-	-	-	0.41	2.89	6.20
1300	-	-	-	-	0.40	1.21	2.43	6.07
1400	-	-	-	-	-	0.41	1.22	16.33
1500	-	-	-	-	0.41	0.41	1.63	17.07
1600	-	-	-	-	-	0.81	2.02	21.77
1700	-	-	-	-	-	0.40	1.61	19.35
1800	-	-	-	0.40	0.40	0.81	1.21	16.94
1900	-	-	-	-	-	0.40	0.80	16.87
2000	-	-	-	-	-	0.40	1.61	18.15
2100	-	-	-	-	0.40	0.40	2.02	18.22
2200	-	-	-	-	0.41	0.81	1.22	16.26
2300	-	-	-	0.41	0.82	1.23	2.47	18.11
Mean	-	-	0.02	0.08	0.24	0.71	2.09	13.99

According to the climatological table of December the mean percentage of visibility values below 8000 meters is 13.99%; correspondingly, the mean percentage of 86.01% 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 600 meters is 0.02% (See climatological table of December, Model B).

# AVERAGE MONTHLY VISIBILITY DATA

Average monthly visibility DATA (Percentage) (UGSB 2010-2017)



AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL C

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

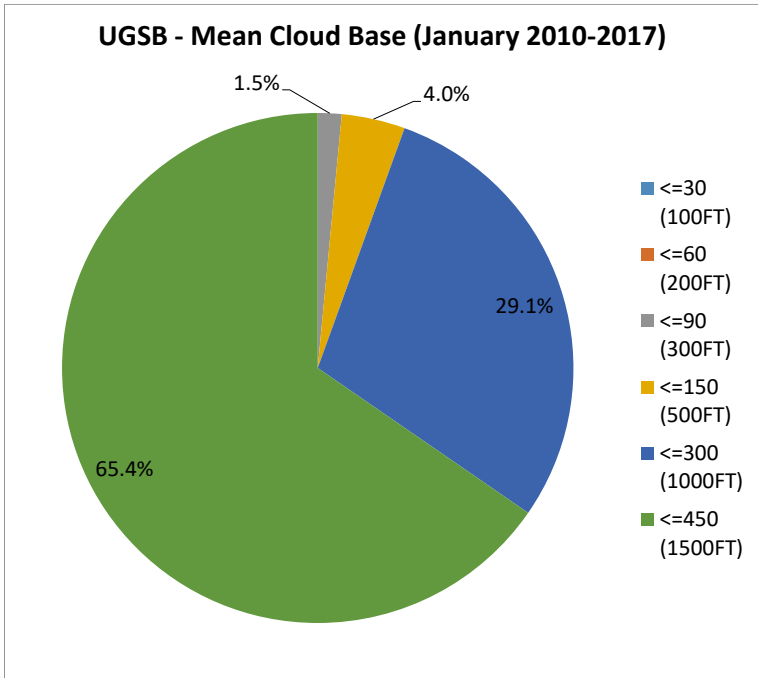
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	0.47	1.40	3.26	10.23
0100	-	-	-	0.41	1.64	7.38
0200	-	-	-	-	2.75	8.26
0300	-	-	-	-	2.76	8.29
0400	-	-	-	0.41	2.44	7.72
0500	-	-	0.41	0.41	2.87	9.02
0600	-	-	0.40	0.40	2.01	8.43
0700	-	-	-	0.81	3.64	7.69
0800	-	-	-	0.41	2.06	7.00
0900	-	-	-	-	3.25	8.94
1000	-	-	-	-	2.44	7.72
1100	-	-	-	-	1.98	8.33
1200	-	-	0.41	0.41	3.27	11.02
1300	-	-	0.41	0.82	5.76	12.76
1400	-	-	-	1.23	5.35	11.11
1500	-	-	-	-	2.92	8.33
1600	-	-	0.41	0.82	2.47	6.58
1700	-	-	-	0.45	0.45	4.93
1800	-	-	-	-	1.40	3.72
1900	-	-	-	-	1.65	7.00
2000	-	-	-	0.47	2.84	6.64
2100	-	-	-	0.99	4.46	9.41
2200	-	-	0.46	0.92	4.61	10.14
2300	-	-	-	0.53	2.14	6.95
Mean	-	-	0.12	0.45	2.85	8.23



In January, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

- >1000FT and <= 1500FT – 65.4%
- >500FT and <= 1000FT – 29.1%
- >300FT and <= 500FT – 4.0 %
- >200FT and <= 300FT – 1.5%
- >100FT and <= 200FT – not observed
- <=100FT – not observed

In January, the mean percentage of cloud ceiling recorded above 1500 feet is 91.77% of the total amount of occurrences (See climatological table of January, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.12 percent of minimum cloud height of 300 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: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

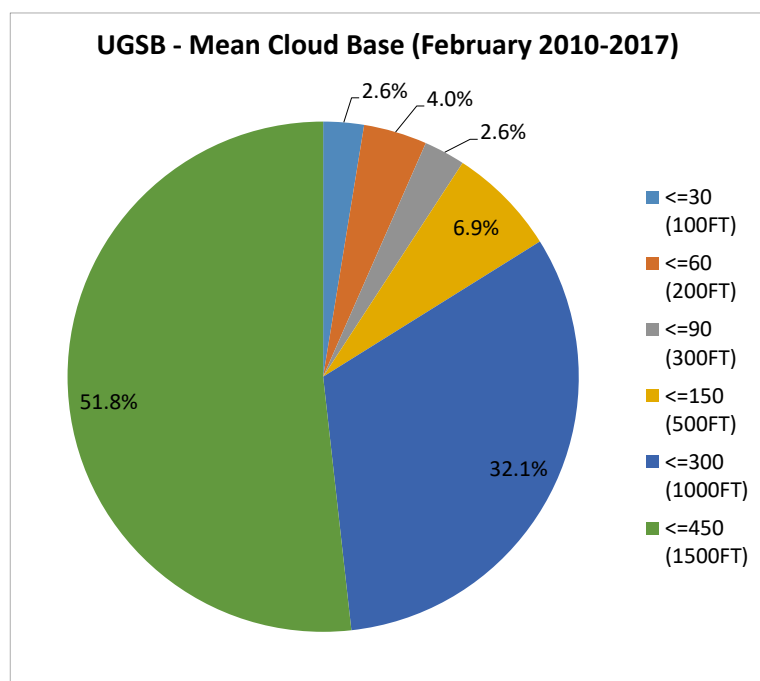
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	0.50	1.01	2.01	3.02	7.54	13.57
0100	0.45	0.90	2.24	2.24	7.17	13.45
0200	0.50	1.01	1.51	3.02	8.04	17.09
0300	0.50	0.50	1.00	1.50	8.00	17.00
0400	0.45	0.45	0.90	1.81	5.88	16.29
0500	0.44	0.44	0.44	1.33	6.64	12.83
0600	-	0.45	0.45	1.35	5.83	12.11
0700	-	-	0.45	1.35	5.86	11.71
0800	-	-	-	1.32	4.41	9.69
0900	-	-	-	0.88	3.52	9.25
1000	-	0.45	0.45	1.35	4.05	9.46
1100	-	-	-	0.89	4.89	11.56
1200	-	-	-	0.44	3.10	7.52
1300	-	0.88	0.88	1.33	4.42	10.62
1400	-	0.91	0.91	1.36	4.55	8.64
1500	0.91	1.83	1.83	2.74	5.02	9.59
1600	0.44	1.78	1.78	2.67	7.11	11.11
1700	0.51	1.02	1.53	2.55	4.59	9.18
1800	-	1.60	2.13	2.66	5.32	9.04
1900	0.48	0.96	1.44	2.39	6.22	11.48
2000	0.56	1.69	1.69	2.82	3.95	6.78
2100	0.59	0.59	1.18	1.18	4.71	11.76
2200	0.50	0.50	0.50	1.00	2.49	7.46
2300	-	0.59	1.18	1.76	5.29	9.41
Mean	0.29	0.73	1.02	1.79	5.36	11.11



In February, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 51.8%
2. >500FT and <= 1000FT – 32.1%
3. >300FT and <= 500FT – 6.9%
4. >200FT and <= 300FT – 2.6%
5. >100FT and <= 200FT – 4.0%
6. <=100FT – 2.6%

In February, the mean percentage of cloud ceiling recorded above 1500 feet is 88.89% of the total amount of occurrences (See climatological table of February, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.29 percent of minimum cloud height of 100 feet and below (cloud amount BKN and OVC) (see climatological table of February, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

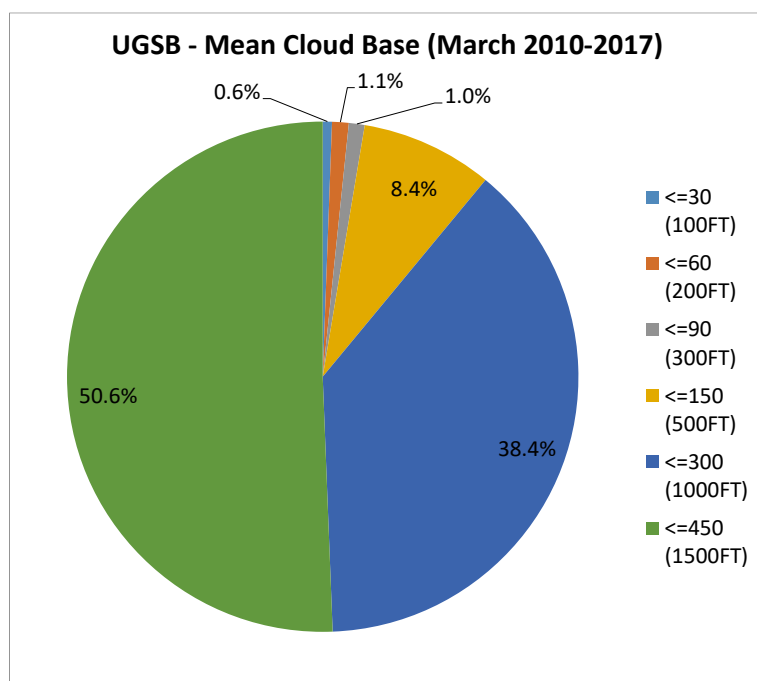
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	1.42	6.13	15.57
0100	-	-	0.41	2.46	6.15	13.11
0200	-	0.46	0.93	1.85	7.87	14.81
0300	-	-	0.46	0.92	5.05	13.30
0400	-	-	-	0.81	5.26	12.15
0500	-	-	-	0.82	4.90	9.39
0600	-	0.41	0.41	0.41	5.28	14.63
0700	-	-	-	0.82	5.71	12.65
0800	-	-	0.41	0.83	5.81	9.96
0900	-	-	-	1.24	5.39	9.54
1000	-	-	-	1.63	4.90	9.80
1100	-	-	-	0.82	4.53	8.64
1200	-	-	0.41	0.82	7.00	10.70
1300	-	0.41	0.41	0.82	5.33	11.89
1400	-	-	-	0.41	4.12	7.82
1500	-	-	-	0.84	4.62	7.56
1600	-	-	-	1.67	4.58	8.33
1700	-	-	-	0.93	5.14	11.21
1800	-	-	-	0.48	4.35	8.70
1900	-	-	-	0.85	5.11	9.36
2000	0.50	0.50	0.50	1.50	6.50	11.00
2100	1.06	1.59	2.12	3.17	7.41	14.81
2200	-	0.46	0.46	2.30	6.45	12.44
2300	-	0.55	0.55	1.66	4.97	11.05
Mean	0.06	0.18	0.29	1.23	5.52	11.18



In March, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 50.6%
2. >500FT and <= 1000FT – 38.4%
3. >300FT and <= 500FT – 8.4%
4. >200FT and <= 300FT – 1.0%
5. >100FT and <= 200FT – 1.1%
6. <=100FT – 0.6%

In March, the mean percentage of cloud ceiling recorded above 1500 feet is 88.82% of the total amount of occurrences (See climatological table of March, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.06 percent of minimum cloud height of 100 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: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

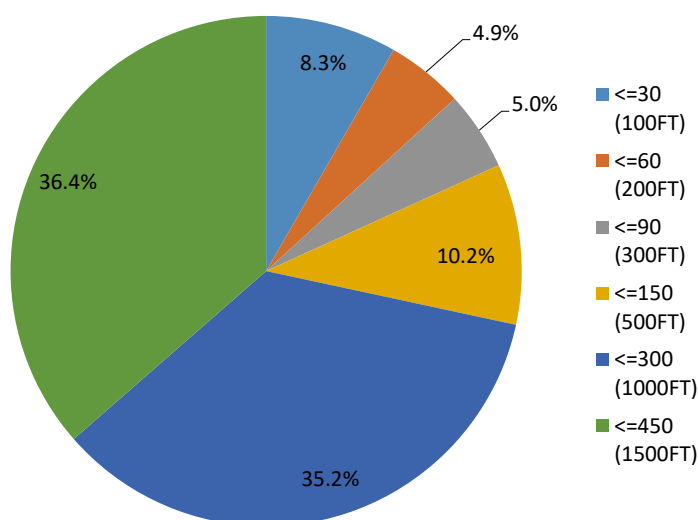
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	1.44	2.40	2.40	2.88	8.17	12.50
0100	1.23	1.23	2.06	3.29	7.82	11.11
0200	1.44	2.39	2.87	3.83	6.22	11.48
0300	2.35	2.35	2.82	4.23	8.45	14.08
0400	0.83	1.67	2.92	3.75	10.42	13.75
0500	0.41	0.83	0.83	2.07	7.47	9.96
0600	-	0.41	0.83	2.49	5.39	10.79
0700	-	0.42	2.08	3.33	5.00	7.92
0800	-	-	0.83	2.49	5.39	9.13
0900	-	-	0.42	2.50	5.00	9.58
1000	0.41	0.83	1.66	2.07	6.64	9.96
1100	0.42	1.25	2.08	3.75	6.25	8.33
1200	-	0.43	0.86	2.15	6.01	10.30
1300	0.42	0.84	1.68	2.94	6.72	11.76
1400	0.42	0.42	0.84	2.11	7.59	12.24
1500	0.42	0.83	1.67	3.33	7.08	9.17
1600	0.84	1.68	1.68	2.94	5.88	10.08
1700	0.47	1.40	1.40	1.86	6.05	8.37
1800	1.43	1.90	1.90	2.38	6.19	10.48
1900	1.70	1.70	1.70	2.13	5.53	10.21
2000	1.53	2.04	3.06	3.06	5.61	9.69
2100	2.12	2.65	2.65	4.23	7.94	11.64
2200	1.43	2.86	3.33	3.33	5.71	8.57
2300	1.64	2.73	3.28	4.37	7.65	10.93
Mean	0.87	1.39	1.91	2.98	6.67	10.50

**UGSB - Mean Cloud Base (April 2010-2017)**



In April, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 36.4%
2. >500FT and <= 1000FT – 35.2%
3. >300FT and <= 500FT – 10.2%
4. >200FT and <= 300FT – 5.0%
5. >100FT and <= 200FT – 4.9%
6. <=100FT – 8.3%

In April, the mean percentage of cloud ceiling recorded above 1500 feet is 89.5% of the total amount of occurrences (See climatological table of April, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.87 percent of minimum cloud height of 100 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: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

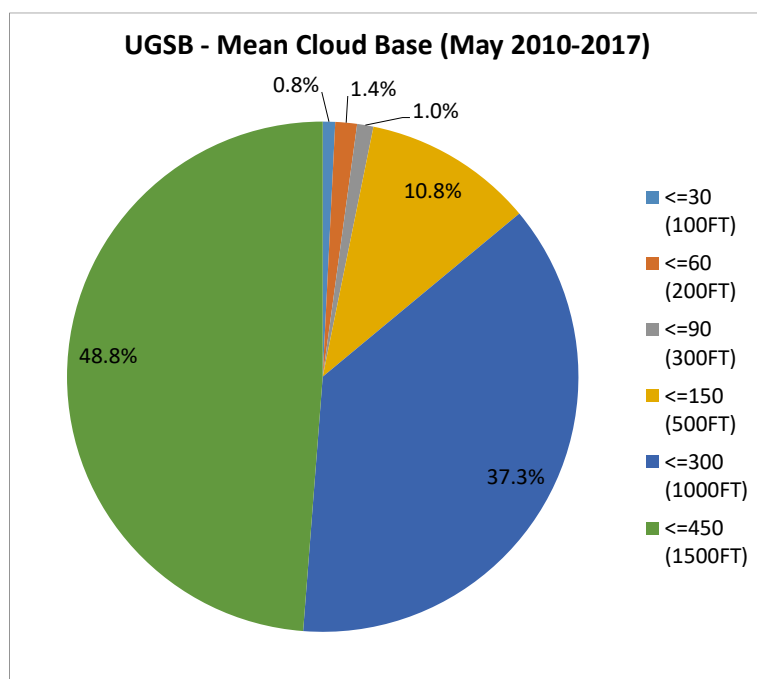
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	0.47	3.27	5.14
0100	0.81	0.81	0.81	2.03	6.10	9.76
0200	0.46	0.92	0.92	3.21	8.26	14.22
0300	-	-	-	1.35	4.05	8.56
0400	-	-	0.41	0.81	3.25	6.50
0500	-	-	-	1.21	3.63	7.26
0600	-	-	-	0.40	4.03	6.45
0700	-	-	-	0.81	2.43	7.69
0800	-	-	-	0.40	4.02	8.03
0900	-	-	-	0.41	3.69	7.79
1000	-	-	-	0.41	2.03	5.28
1100	-	-	0.41	1.22	2.85	4.88
1200	-	0.40	0.40	0.81	2.02	4.45
1300	-	-	0.41	1.22	2.85	5.69
1400	-	-	-	0.82	3.69	5.33
1500	-	-	-	0.42	3.33	6.25
1600	-	-	-	0.40	1.21	2.83
1700	-	-	0.45	0.91	4.55	7.27
1800	-	-	-	0.46	3.67	6.88
1900	-	-	-	0.42	2.93	5.44
2000	-	-	-	0.47	2.82	6.57
2100	-	-	-	1.41	3.29	6.57
2200	-	0.42	0.42	1.67	2.93	7.53
2300	-	0.94	0.94	0.94	2.36	6.13
Mean	0.05	0.15	0.22	0.95	3.47	6.77



In May, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 48.8%
2. >500FT and <= 1000FT – 37.3%
3. >300FT and <= 500FT – 10.8%
4. >200FT and <= 300FT – 1.0%
5. >100FT and <= 200FT – 1.4%
6. <=100FT – 0.8%

In May, the mean percentage of cloud ceiling recorded above 1500 feet is 93.23% of the total amount of occurrences (See climatological table of May, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.05 percent of minimum cloud height of 100 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: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

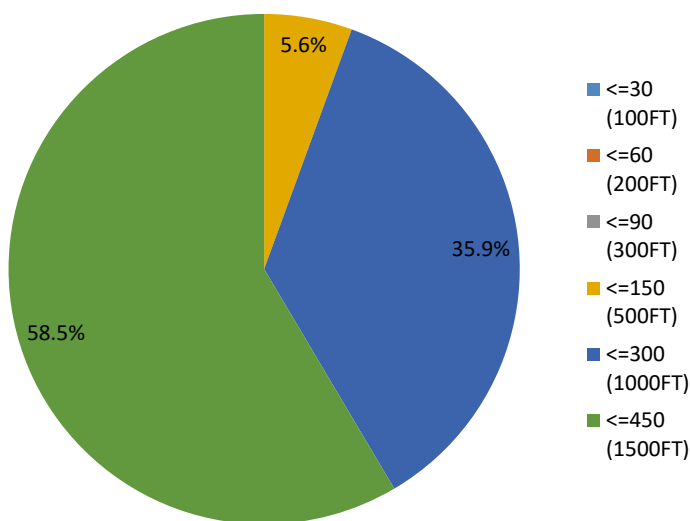
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	0.96	1.44
0100	-	-	-	-	0.86	3.00
0200	-	-	-	-	0.47	3.77
0300	-	-	-	-	1.30	2.60
0400	-	-	-	0.42	1.27	1.69
0500	-	-	-	0.42	0.84	1.27
0600	-	-	-	-	0.83	2.92
0700	-	-	-	-	1.24	1.65
0800	-	-	-	-	0.42	1.25
0900	-	-	-	0.42	0.42	1.26
1000	-	-	-	-	0.42	0.84
1100	-	-	-	0.42	0.84	0.84
1200	-	-	-	-	0.84	1.27
1300	-	-	-	-	0.42	1.67
1400	-	-	-	-	0.84	1.67
1500	-	-	-	-	1.28	1.70
1600	-	-	-	-	0.42	2.09
1700	-	-	-	-	0.94	1.89
1800	-	-	-	-	0.95	1.43
1900	-	-	-	-	-	0.84
2000	-	-	-	-	0.47	2.80
2100	-	-	-	0.47	0.93	2.33
2200	-	-	-	-	1.66	4.56
2300	-	-	-	0.47	0.95	2.37
Mean	-	-	-	0.11	0.82	1.97

**UGSB - Mean Cloud Base (June 2010-2017)**



In June, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 58.5%
2. >500FT and <= 1000FT – 35.9%
3. >300FT and <= 500FT – 5.6%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In June, the mean percentage of cloud ceiling recorded above 1500 feet is 98.03% of the total amount of occurrences (See climatological table of June, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.11 percent of minimum cloud height of 500 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: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

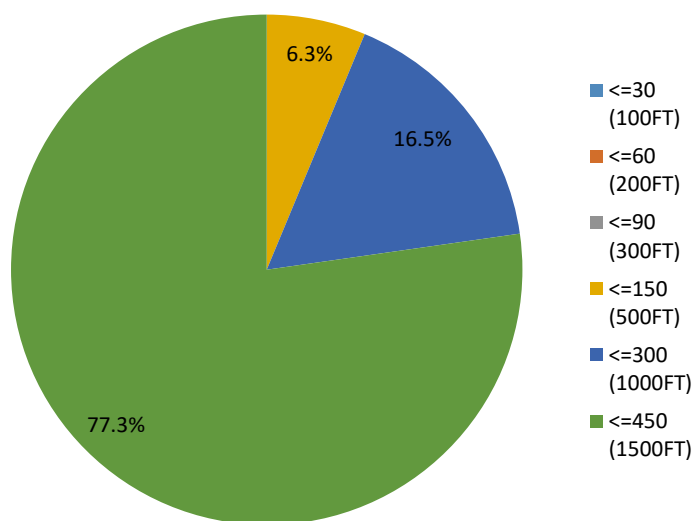
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	0.9
0100	-	-	-	-	-	0.8
0200	-	-	-	-	1.3	2.6
0300	-	-	-	-	0.4	2.1
0400	-	-	-	-	0.4	1.6
0500	-	-	-	-	-	1.2
0600	-	-	-	-	0.4	1.6
0700	-	-	-	-	0.4	1.2
0800	-	-	-	-	0.4	2.0
0900	-	-	-	-	0.4	0.8
1000	-	-	-	-	0.4	2.0
1100	-	-	-	0.8	1.2	1.6
1200	-	-	-	0.4	0.4	2.5
1300	-	-	-	-	-	2.0
1400	-	-	-	-	0.4	2.1
1500	-	-	-	-	-	0.8
1600	-	-	-	0.4	0.4	0.4
1700	-	-	-	0.4	0.4	1.3
1800	-	-	-	-	-	1.3
1900	-	-	-	-	-	0.4
2000	-	-	-	-	-	0.5
2100	-	-	-	-	0.5	0.9
2200	-	-	-	-	-	0.4
2300	-	-	-	-	-	1.8
Mean	-	-	-	0.09	0.31	1.38

**UGSB - Mean Cloud Base (July 2010-2017)**



In July, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 77.3%
2. >500FT and <= 1000FT – 16.5%
3. >300FT and <= 500FT – 6.3%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In July, the mean percentage of cloud ceiling recorded above 1500 feet is 98.62% of the total amount of occurrences (See climatological table of July, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.09 percent of minimum cloud height of 500 feet and below (cloud amount BKN and OVC) (see climatological table of July, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

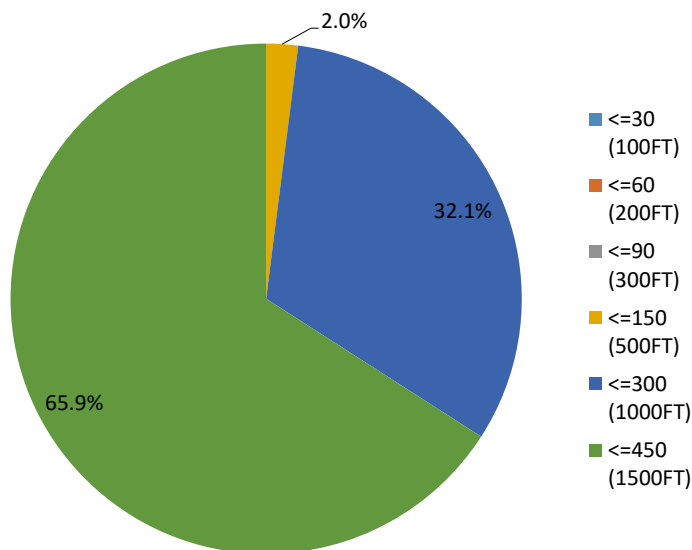
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	0.93
0100	-	-	-	-	0.86	2.16
0200	-	-	-	-	0.91	0.91
0300	-	-	-	-	-	-
0400	-	-	-	-	-	-
0500	-	-	-	-	0.41	1.65
0600	-	-	-	0.42	1.27	1.27
0700	-	-	-	-	0.41	1.65
0800	-	-	-	-	0.82	1.64
0900	-	-	-	-	0.42	0.84
1000	-	-	-	-	-	0.41
1100	-	-	-	-	0.82	2.05
1200	-	-	-	-	0.41	2.47
1300	-	-	-	-	0.41	0.82
1400	-	-	-	-	-	0.41
1500	-	-	-	-	-	0.41
1600	-	-	-	-	-	-
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	-	-	0.86
2000	-	-	-	-	-	-
2100	-	-	-	-	0.46	1.38
2200	-	-	-	-	-	1.29
2300	-	-	-	-	-	-
Mean	-	-	-	0.02	0.30	0.88

**UGSB - Mean Cloud Base (August 2010-2017)**



In August, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 65.9%
2. >500FT and <= 1000FT – 32.1%
3. >300FT and <= 500FT – 2.0%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In August, the mean percentage of cloud ceiling recorded above 1500 feet is 98.99% of the total amount of occurrences (See climatological table of August, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 500 feet and below (cloud amount BKN and OVC) (see climatological table of August, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

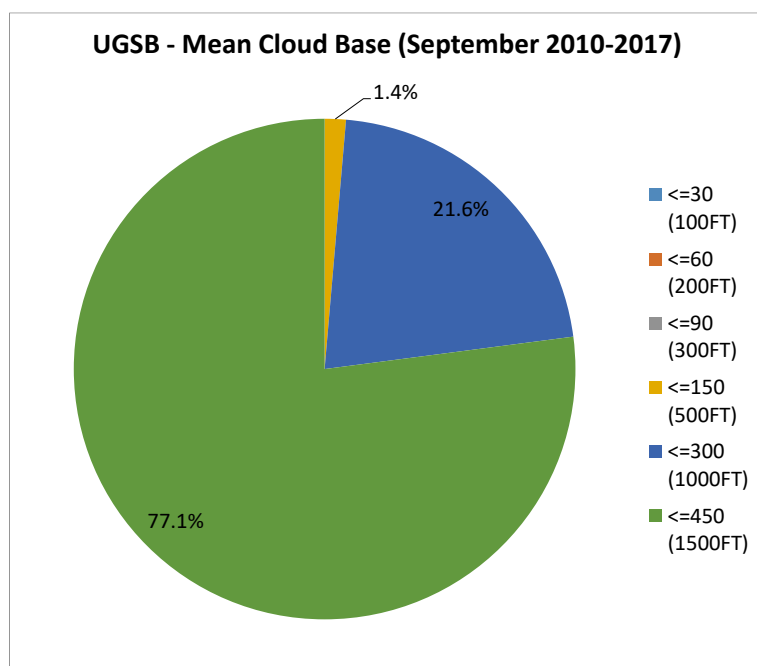
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	0.46	1.39
0100	-	-	-	-	-	1.69
0200	-	-	-	0.47	0.47	1.40
0300	-	-	-	-	0.45	1.81
0400	-	-	-	-	1.27	1.27
0500	-	-	-	-	-	0.84
0600	-	-	-	-	-	0.84
0700	-	-	-	-	-	2.97
0800	-	-	-	-	-	0.84
0900	-	-	-	-	-	0.84
1000	-	-	-	-	-	0.42
1100	-	-	-	-	0.42	0.84
1200	-	-	-	-	0.42	0.84
1300	-	-	-	-	0.42	2.10
1400	-	-	-	-	1.28	1.70
1500	-	-	-	-	0.43	1.28
1600	-	-	-	-	-	2.52
1700	-	-	-	-	0.43	1.28
1800	-	-	-	-	0.46	1.38
1900	-	-	-	-	-	2.10
2000	-	-	-	-	0.45	0.90
2100	-	-	-	-	-	1.86
2200	-	-	-	-	0.42	2.11
2300	-	-	-	-	0.46	0.92
Mean	-	-	-	0.02	0.33	1.42



In September, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 77.1%
2. >500FT and <= 1000FT – 21.6%
3. >300FT and <= 500FT – 1.4%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In September, the mean percentage of cloud ceiling recorded above 1500 feet is 98.58% of the total amount of occurrences (See climatological table of September, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 500 feet and below (cloud amount BKN and OVC) (see climatological table of September, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

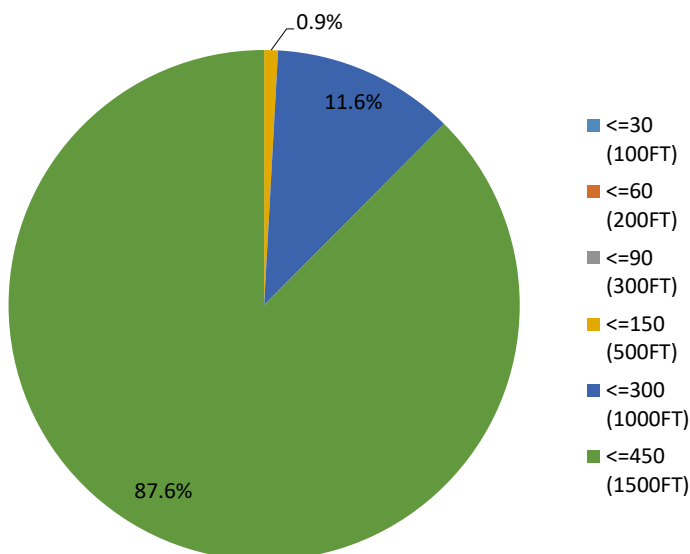
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	0.44	3.06
0100	-	-	-	0.40	0.40	2.80
0200	-	-	-	-	-	2.41
0300	-	-	-	-	0.41	2.04
0400	-	-	-	-	0.40	2.00
0500	-	-	-	-	-	1.60
0600	-	-	-	-	-	0.80
0700	-	-	-	-	0.40	1.61
0800	-	-	-	-	-	1.23
0900	-	-	-	-	0.41	1.23
1000	-	-	-	-	0.82	1.64
1100	-	-	-	-	0.41	2.05
1200	-	-	-	-	0.41	2.44
1300	-	-	-	-	-	2.02
1400	-	-	-	-	-	1.20
1500	-	-	-	-	-	2.80
1600	-	-	-	-	-	0.80
1700	-	-	-	-	-	1.62
1800	-	-	-	-	-	1.65
1900	-	-	-	-	0.40	3.24
2000	-	-	-	-	-	2.42
2100	-	-	-	-	0.41	2.49
2200	-	-	-	-	0.40	1.61
2300	-	-	-	-	0.40	1.21
Mean	-	-	-	0.02	0.24	1.92

**UGSB - Mean Cloud Base (October 2010-2017)**



In October, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 87.6%
2. >500FT and <= 1000FT – 11.6%
3. >300FT and <= 500FT – 0.9%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In October, the mean percentage of cloud ceiling recorded above 1500 feet is 98.08% of the total amount of occurrences (See climatological table of October, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 500 feet and below (cloud amount BKN and OVC) (see climatological table of October, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

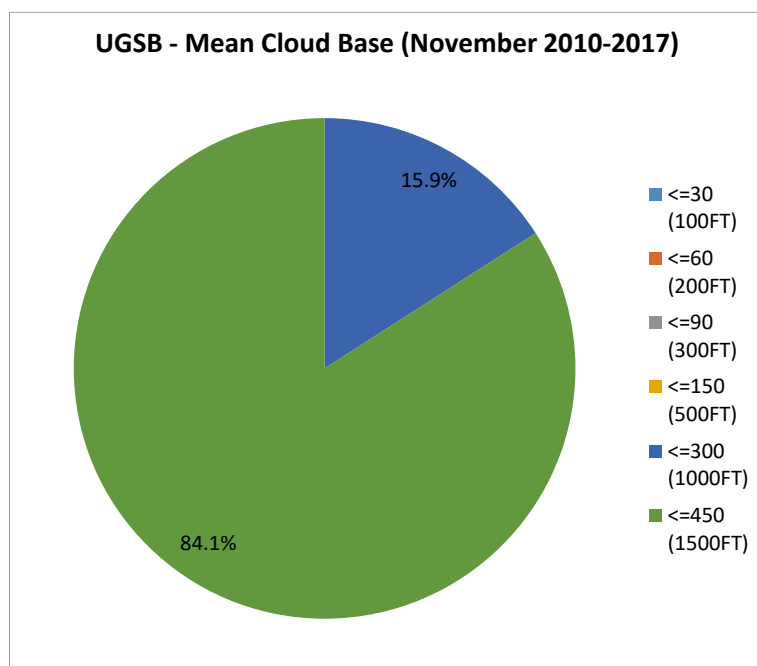
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	-	-	-
0100	-	-	-	-	-	-
0200	-	-	-	-	0.41	0.83
0300	-	-	-	-	-	0.42
0400	-	-	-	-	-	-
0500	-	-	-	-	-	-
0600	-	-	-	-	0.84	1.26
0700	-	-	-	-	-	-
0800	-	-	-	-	0.42	1.67
0900	-	-	-	-	-	0.85
1000	-	-	-	-	-	0.41
1100	-	-	-	-	-	0.84
1200	-	-	-	-	-	0.84
1300	-	-	-	-	-	0.42
1400	-	-	-	-	-	-
1500	-	-	-	-	-	0.43
1600	-	-	-	-	-	0.42
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	-	-	0.42
2000	-	-	-	-	-	0.42
2100	-	-	-	-	-	0.41
2200	-	-	-	-	-	0.43
2300	-	-	-	-	-	0.41
Mean	-	-	-	-	0.07	0.44



In November, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 84.1%
2. >500FT and <= 1000FT – 15.9%
3. >300FT and <= 500FT – not observed
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In November, the mean percentage of cloud ceiling recorded above 1500 feet is 99.56% of the total amount of occurrences (See climatological table of November, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.07 percent of minimum cloud height of 1000 feet and below (cloud amount BKN and OVC) (see climatological table of November, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

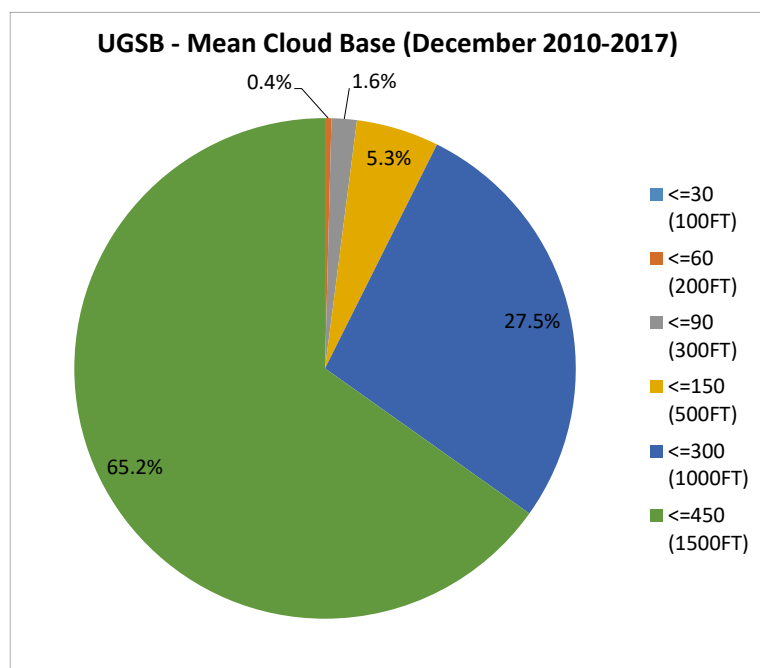
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	H <sub>s</sub>					
	<=30 (100FT)	<=60 (200FT)	<=90 (300FT)	<=150 (500FT)	<=300 (1000FT)	<=450 (1500FT)
0000	-	-	-	0.83	2.48	4.96
0100	-	-	-	-	1.21	4.84
0200	-	-	-	0.41	0.41	3.69
0300	-	-	-	-	0.81	3.63
0400	-	-	-	-	0.81	4.88
0500	-	-	-	-	0.81	4.45
0600	-	-	-	0.81	2.02	4.84
0700	-	-	0.40	0.40	2.00	3.20
0800	-	-	-	1.21	2.42	4.03
0900	-	0.40	0.40	0.40	1.61	4.84
1000	-	-	0.40	0.40	0.80	4.02
1100	-	-	-	-	1.63	3.67
1200	-	-	-	-	1.65	4.13
1300	-	-	-	0.40	2.02	3.64
1400	-	-	-	-	1.63	3.27
1500	-	-	-	-	2.03	4.07
1600	-	-	-	-	0.81	3.63
1700	-	-	-	0.40	1.61	4.44
1800	-	-	-	-	0.81	3.23
1900	-	-	-	0.40	1.20	3.21
2000	-	-	-	0.40	1.61	4.84
2100	-	-	0.41	0.41	1.22	3.25
2200	-	-	0.40	0.40	2.00	4.80
2300	-	-	-	0.41	0.81	5.28
Mean	-	0.02	0.08	0.30	1.43	4.12



In December, the percentage of the observed occurrences of clouds (BKN or OVC extents only) at the specified heights, below 1500 feet is as follows:

1. >1000FT and <= 1500FT – 65.2%
2. >500FT and <= 1000FT – 27.5%
3. >300FT and <= 500FT – 5.3%
4. >200FT and <= 300FT – 1.6%
5. >100FT and <= 200FT – 0.4%
6. <=100FT – not observed

In December, the mean percentage of cloud ceiling recorded above 1500 feet is 95.88% of the total amount of occurrences (See climatological table of December, Model C).

Eight-year observation data on clouds revealed average occurrence probability of 0.02 percent of minimum cloud height of 200 feet and below (cloud amount BKN and OVC) (see climatological table of December, Model C).

# WIND SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

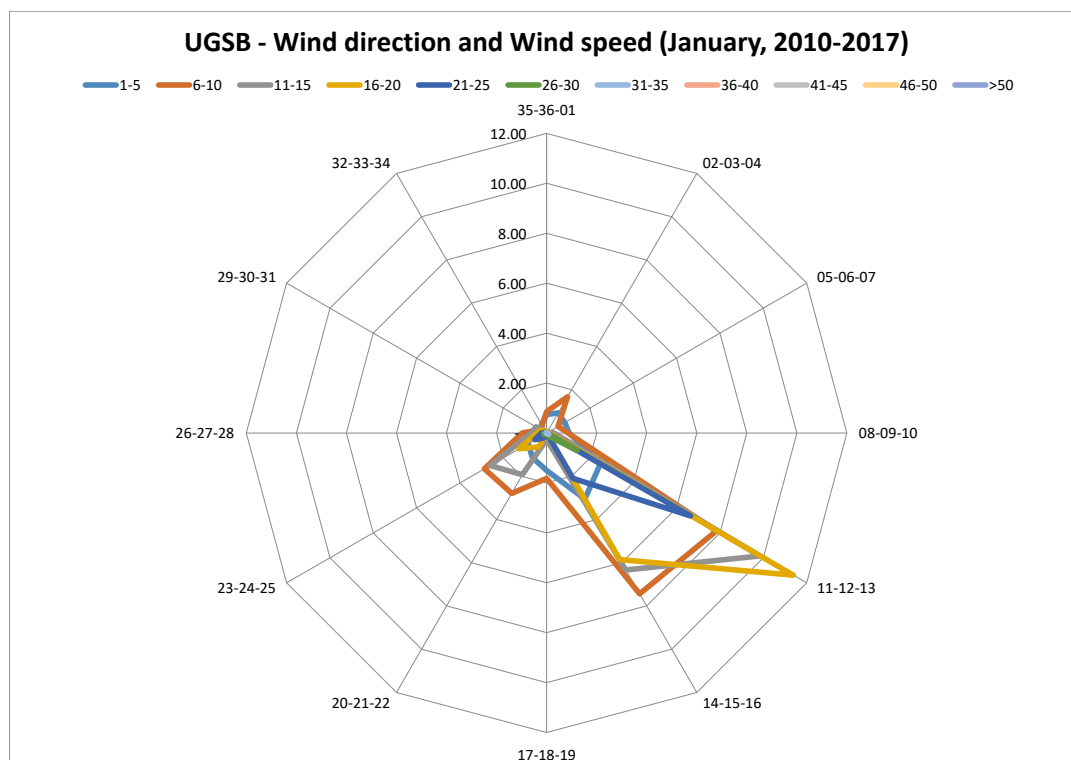
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.65
VARIABLE	1.79	0.21	-	-	-	-	-	-	-	-	-	2.00
35-36-01	0.74	0.86	0.01	0.02	-	-	-	-	-	-	-	1.63
02-03-04	0.93	1.68	0.03	-	-	-	-	-	-	-	-	2.63
05-06-07	0.84	0.53	0.09	0.06	-	-	-	-	-	-	-	1.52
08-09-10	0.90	0.85	0.29	0.09	0.01	-	-	-	-	-	-	2.13
11-12-13	2.47	7.84	9.84	11.39	6.64	1.41	0.09	-	-	-	-	39.68
14-15-16	3.05	7.44	6.33	5.85	2.10	0.14	-	-	-	-	-	24.92
17-18-19	1.51	1.81	0.26	0.01	-	-	-	-	-	-	-	3.59
20-21-22	1.14	2.79	1.93	0.65	0.23	0.06	-	-	-	-	-	6.80
23-24-25	0.85	2.87	2.60	1.27	0.54	0.12	0.01	-	-	-	-	8.26
26-27-28	0.60	0.98	0.61	0.39	0.21	0.11	-	-	-	-	-	2.89
29-30-31	0.31	0.27	0.50	0.25	0.04	0.02	0.01	-	-	-	-	1.40
32-33-34	0.39	0.36	0.09	0.06	0.01	-	-	-	-	-	-	0.91
TOTAL	15.51	28.48	22.59	20.03	9.78	1.85	0.11	-	-	-	-	100



The prevailing wind directions of 110°-160° frequency of occurrence is 64.6%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze (frequency of occurrence 43.99%) and wind speed of 11-20 knots, which is the Moderate and Fresh breeze (frequency of occurrence 42.62%) according to "Beaufort wind force scale".

The maximum wind of 31-35 knots is observed within the 110°-130° and 290°-310° sectors (frequency of occurrence 0.11%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9504

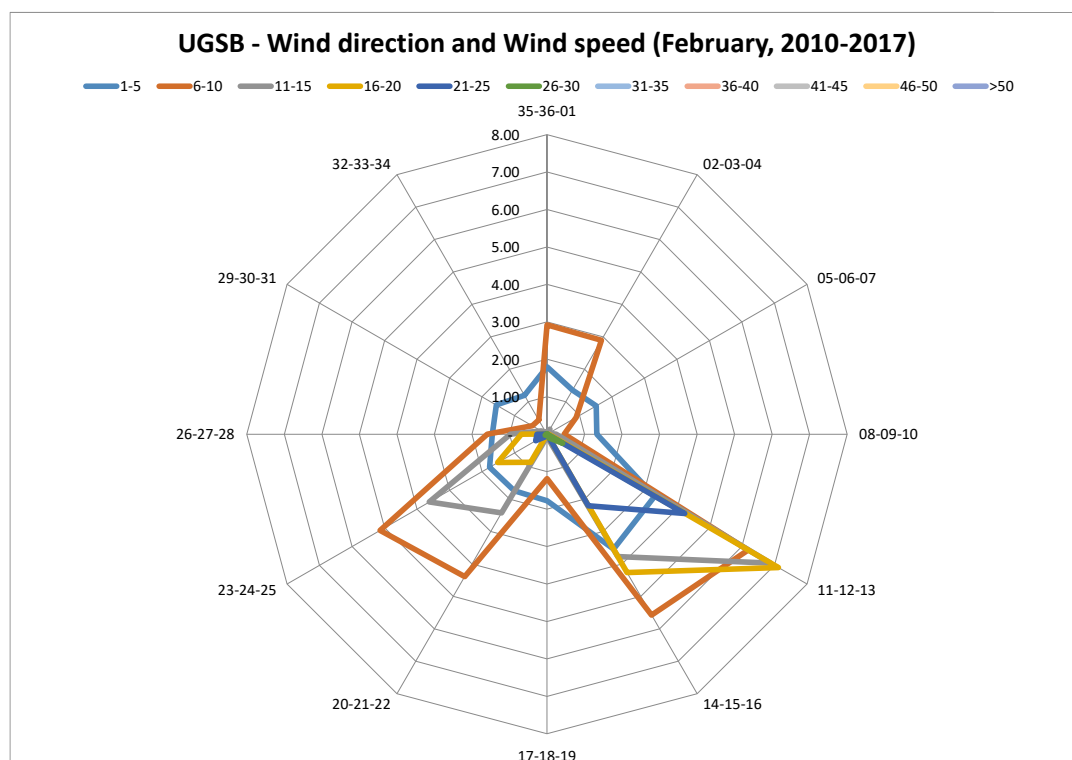
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.53
VARIABLE	2.95	0.22	-	-	-	-	-	-	-	-	-	3.17
35-36-01	1.80	2.92	0.02	-	-	-	-	-	-	-	-	4.74
02-03-04	1.36	2.90	0.15	-	-	-	-	-	-	-	-	4.41
05-06-07	1.51	0.90	0.05	-	-	-	-	-	-	-	-	2.47
08-09-10	1.33	0.46	0.24	0.04	-	-	-	-	-	-	-	2.07
11-12-13	3.31	6.19	6.88	7.12	4.24	0.48	-	-	-	-	-	28.22
14-15-16	3.54	5.57	3.77	4.27	2.21	0.12	-	-	-	-	-	19.49
17-18-19	1.78	1.19	0.07	-	-	-	-	-	-	-	-	3.03
20-21-22	1.74	4.39	2.43	0.87	0.08	0.01	-	-	-	-	-	9.51
23-24-25	1.77	5.14	3.62	1.51	0.35	0.05	-	-	-	-	-	12.44
26-27-28	1.46	1.59	0.98	0.68	0.26	0.02	-	-	-	-	-	4.99
29-30-31	1.56	0.45	0.18	0.01	0.01	-	-	-	-	-	-	2.21
32-33-34	1.20	0.44	0.07	0.01	-	-	-	-	-	-	-	1.71
TOTAL	25.32	32.35	18.46	14.52	7.14	0.69	-	-	-	-	-	100



**CALM**  
1.53%

**VARIABLE**  
3.17%

The prevailing wind directions of 110°-160° frequency of occurrence is 47.71%.

The most frequent wind speed is up to 10 knots, which is the Light breeze and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 57.67%).

The maximum wind of 26-30 knots is observed within the 110°-130°, 140°-160°, 200°-220°, 230°-250° and 260°-280° sectors (frequency of occurrence 0.69%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

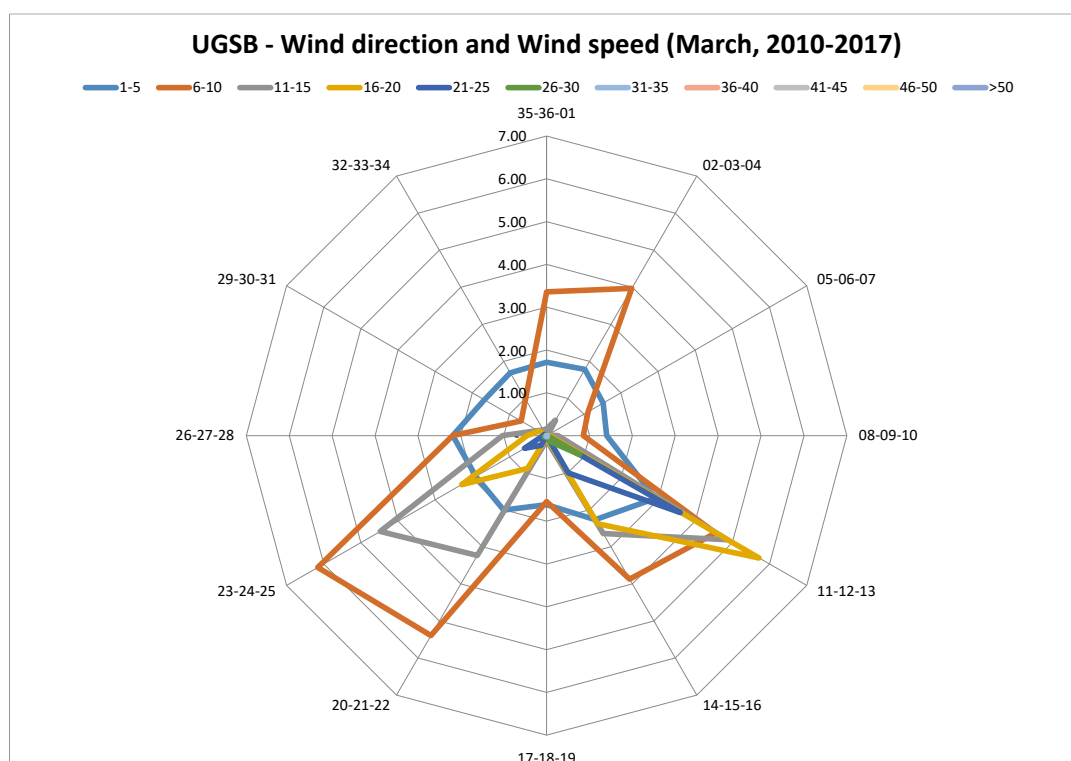
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												2.90
VARIABLE	2.91	0.26	0.01	-	-	-	-	-	-	-	-	3.19
35-36-01	1.71	3.36	0.16	-	-	-	-	-	-	-	-	5.23
02-03-04	1.78	3.97	0.41	-	-	-	-	-	-	-	-	6.17
05-06-07	1.52	1.12	0.03	-	-	-	-	-	-	-	-	2.67
08-09-10	1.40	0.86	0.26	0.06	-	-	-	-	-	-	-	2.58
11-12-13	2.93	4.55	4.86	5.72	3.60	0.89	0.02	-	-	-	-	22.57
14-15-16	2.27	3.87	2.64	2.38	1.01	0.16	0.03	-	-	-	-	12.36
17-18-19	1.61	1.54	0.11	0.04	-	-	-	-	-	-	-	3.31
20-21-22	2.01	5.39	3.24	0.89	0.26	0.02	0.02	-	-	-	-	11.83
23-24-25	1.91	6.16	4.48	2.29	0.59	0.06	0.01	-	-	-	-	15.50
26-27-28	2.19	2.19	1.03	0.45	0.08	0.02	-	-	-	-	-	5.96
29-30-31	1.67	0.69	0.23	0.21	0.06	0.02	-	-	-	-	-	2.88
32-33-34	1.69	0.99	0.15	0.02	-	-	-	-	-	-	-	2.85
TOTAL	25.62	34.95	17.61	12.06	5.61	1.17	0.08	-	-	-	-	100



**CALM**  
3.19%

**VARIABLE**  
3.19%

The prevailing wind directions of 110°-160° frequency of occurrence is 34.93% and that of 200°-250° directions is 27.33%.

The most frequent wind speed is up to 10 knots, which is the Light breeze and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 60.57%).

The maximum wind of 31-35 knots is observed within the 110°-130° and 140°-160° sectors (frequency of occurrence 0.06%) and within the 200°-220° and 230°-250° sectors (frequency of occurrence 0.08%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

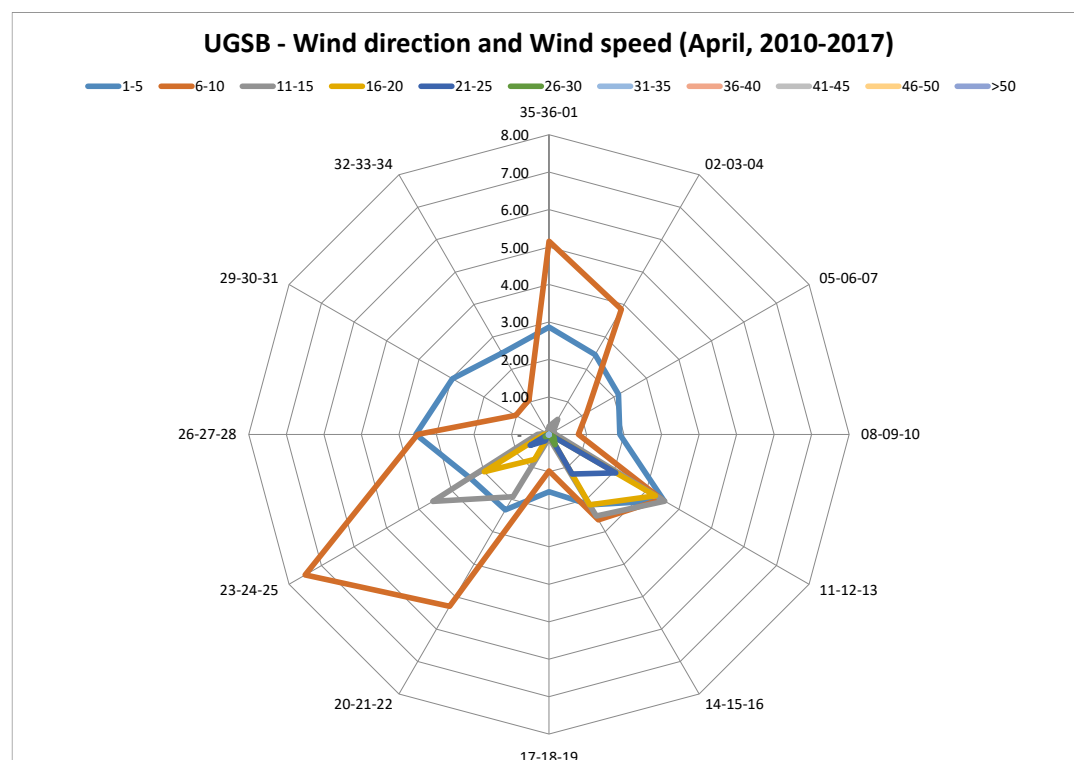
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												2.82
VARIABLE	3.62	0.26	-	-	-	-	-	-	-	-	-	3.89
35-36-01	2.76	5.33	0.22	-	-	-	-	-	-	-	-	8.32
02-03-04	2.46	3.74	0.49	0.01	-	-	-	-	-	-	-	6.69
05-06-07	2.14	1.14	0.11	-	-	-	-	-	-	-	-	3.39
08-09-10	1.94	0.85	0.16	0.02	0.01	-	-	-	-	-	-	2.99
11-12-13	4.12	3.69	3.42	3.27	1.98	0.14	-	-	-	-	-	16.63
14-15-16	2.40	2.59	2.43	1.97	1.08	0.27	0.01	-	-	-	-	10.76
17-18-19	1.61	0.91	0.08	-	-	-	-	-	-	-	-	2.60
20-21-22	2.16	5.13	1.84	0.78	0.20	0.08	0.04	-	-	-	-	10.23
23-24-25	2.29	8.00	3.44	1.91	0.53	0.11	0.02	0.01	-	-	-	16.31
26-27-28	3.58	3.34	0.31	0.11	0.02	0.01	-	-	-	-	-	7.38
29-30-31	2.88	1.03	0.07	-	-	-	-	-	-	-	-	3.99
32-33-34	2.59	1.30	0.10	0.01	-	-	-	-	-	-	-	4.00
TOTAL	34.56	37.32	12.68	8.09	3.83	0.62	0.07	0.01	-	-	-	100.00



**CALM**  
2.82%

**VARIABLE**  
3.89%

The prevailing wind directions of 110°-160° frequency of occurrence is 27.39% and that of 200°-250° directions is 26.54%.

The most frequent wind speed is up to 10 knots, which is the Light breeze and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 71.88%).

The maximum wind of 31-35 knots is observed within the 140°-160° sector (frequency of occurrence 0.01%), within the 200°-220° sector (frequency of occurrence 0.02%) and within the 230°-250° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

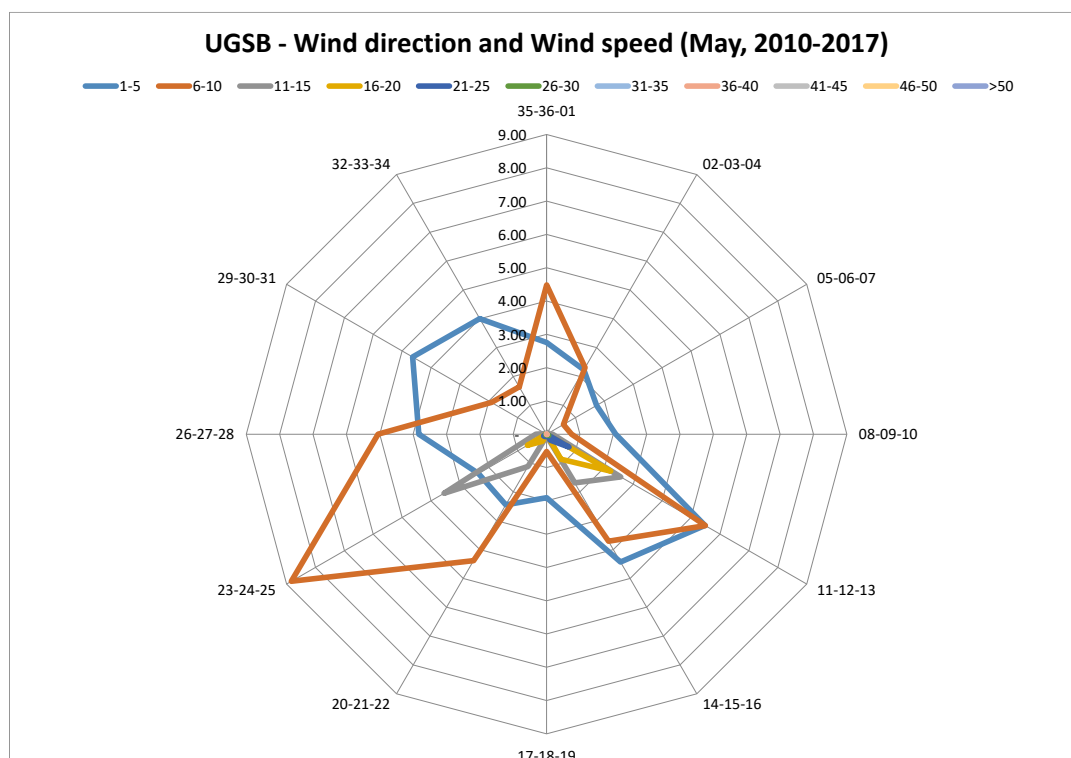
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												3.65
VARIABLE	3.68	0.10	0.01	-	-	-	-	-	-	-	-	3.79
35-36-01	2.75	4.48	0.02	-	-	-	-	-	-	-	-	7.25
02-03-04	2.23	2.31	0.06	-	-	-	-	-	-	-	-	4.60
05-06-07	1.73	0.58	-	-	-	-	-	-	-	-	-	2.31
08-09-10	2.07	0.75	0.18	-	-	-	-	-	-	-	-	3.00
11-12-13	5.48	5.49	2.56	2.22	0.78	0.08	0.02	0.01	-	-	-	16.64
14-15-16	4.43	3.71	1.69	0.86	0.21	0.02	0.01	-	-	-	-	10.94
17-18-19	1.91	0.52	0.06	-	-	-	-	-	-	-	-	2.49
20-21-22	2.45	4.38	1.12	0.25	0.09	0.02	-	-	-	-	-	8.30
23-24-25	2.36	8.83	3.55	0.67	0.11	0.03	-	-	-	-	-	15.54
26-27-28	3.83	5.05	0.32	0.01	-	-	-	-	-	-	-	9.22
29-30-31	4.64	1.91	0.04	0.02	-	-	-	-	-	-	-	6.60
32-33-34	4.01	1.64	0.01	-	-	-	0.01	-	-	-	-	5.67
TOTAL	41.57	39.75	9.62	4.03	1.18	0.15	0.04	0.01	-	-	-	100



**CALM**  
3.65%

**VARIABLE**  
3.79%

The prevailing wind directions of 110°-160° frequency of occurrence is 27.58% and that of 230°-280° directions is 23.84%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 81.32%).

The maximum wind of 36-40 knots is observed within the 110°-130° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

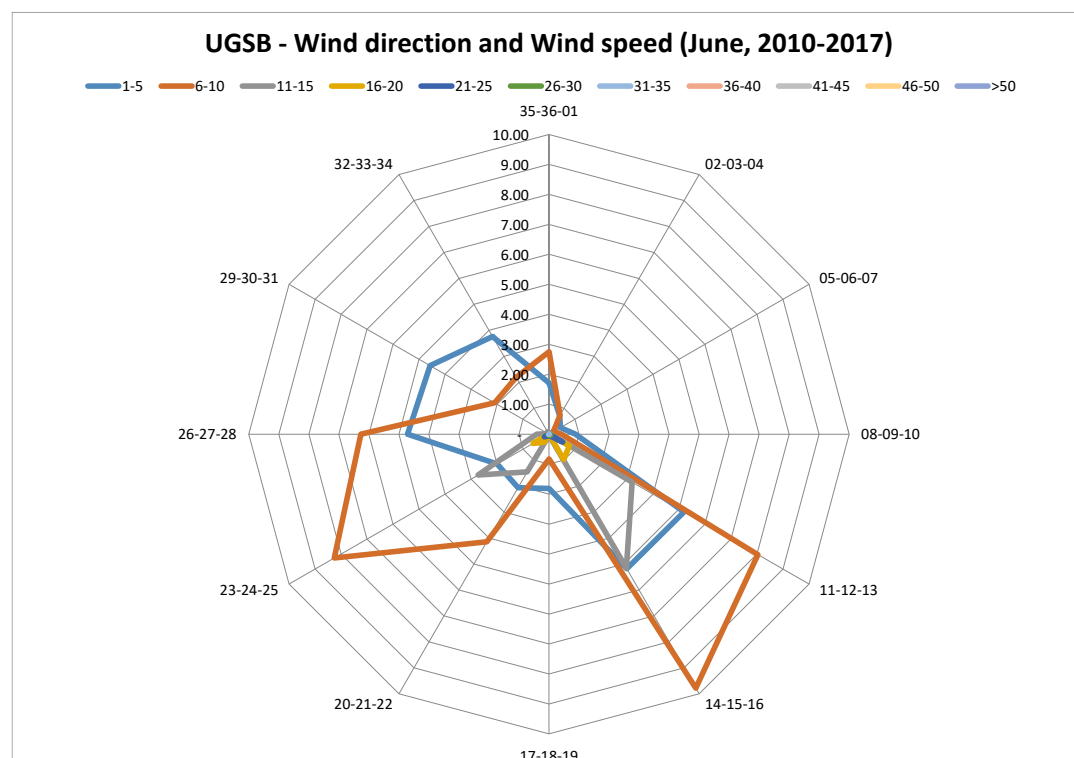
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

**FREQUENCIES (PERCENT) 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													2.05
VARIABLE	2.20	0.11	-	-	-	-	-	-	-	-	-	-	2.31
35-36-01	1.71	2.75	0.05	-	-	-	-	-	-	-	-	-	4.51
02-03-04	0.71	0.73	0.05	-	-	-	-	-	-	-	-	-	1.50
05-06-07	0.44	0.18	0.01	-	-	-	-	-	-	-	-	-	0.63
08-09-10	0.88	0.41	0.03	-	-	-	-	-	-	-	-	-	1.32
11-12-13	5.19	8.04	3.20	0.78	0.53	0.06	-	-	-	-	-	-	17.79
14-15-16	5.18	9.78	5.16	0.98	0.07	-	-	-	-	-	-	-	21.17
17-18-19	1.81	0.83	0.04	-	-	-	-	-	-	-	-	-	2.68
20-21-22	2.06	4.14	1.46	0.31	0.06	0.03	0.01	-	-	-	-	-	8.07
23-24-25	1.99	8.26	2.73	0.62	0.18	0.03	-	-	-	-	-	-	13.80
26-27-28	4.71	6.27	0.41	0.02	0.01	-	-	-	-	-	-	-	11.42
29-30-31	4.57	2.09	0.03	-	0.01	0.01	-	-	-	-	-	-	6.72
32-33-34	3.76	2.19	0.09	-	-	-	-	-	-	-	-	-	6.04
<b>TOTAL</b>	<b>35.23</b>	<b>45.78</b>	<b>13.25</b>	<b>2.71</b>	<b>0.85</b>	<b>0.13</b>	<b>0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>



**CALM**  
2.05%

**VARIABLE**  
2.31%

The prevailing wind directions of 110°-160° frequency of occurrence is 38.96%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 81.01%).

The maximum wind of 31-35 knots is observed within the 200°-220° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

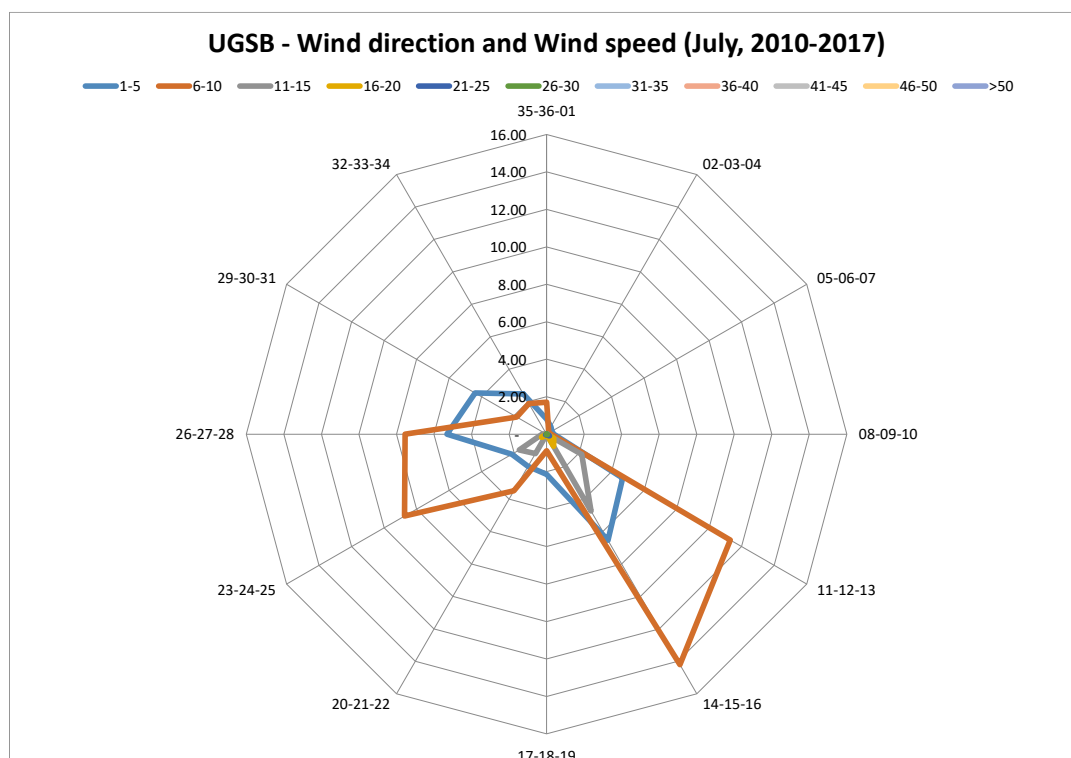
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.83
VARIABLE	2.16	0.08	-	-	-	-	-	-	-	-	-	2.25
35-36-01	0.80	1.71	-	-	-	-	-	-	-	-	-	2.50
02-03-04	0.45	0.22	-	-	-	-	-	-	-	-	-	0.67
05-06-07	0.32	0.12	0.03	-	-	-	-	-	-	-	-	0.47
08-09-10	0.39	0.24	-	-	-	-	-	-	-	-	-	0.62
11-12-13	4.68	11.30	2.16	0.44	0.18	0.05	-	-	-	-	-	18.82
14-15-16	6.54	14.20	4.73	0.74	0.06	0.03	-	-	-	-	-	26.29
17-18-19	2.15	0.88	0.01	-	-	-	-	-	-	-	-	3.03
20-21-22	1.98	3.49	1.19	0.11	0.01	-	-	-	-	-	-	6.78
23-24-25	2.15	8.74	1.68	0.32	0.06	0.01	-	-	-	-	-	12.95
26-27-28	5.31	7.54	0.23	0.02	-	-	-	-	-	-	-	13.09
29-30-31	4.40	1.83	0.06	-	-	-	-	-	-	-	-	6.29
32-33-34	2.48	1.89	0.02	-	-	-	-	-	-	-	-	4.39
TOTAL	33.80	52.24	10.10	1.63	0.31	0.08	-	-	-	-	-	100



**CALM**  
1.83%

**VARIABLE**  
2.25%

The prevailing wind directions of 110°-160° frequency of occurrence is 45.11%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 86.04%).

The maximum wind of 26-30 knots is observed within the 140°-160°, 110°-130°, 230°-250° sectors (frequency of occurrence 0.08%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

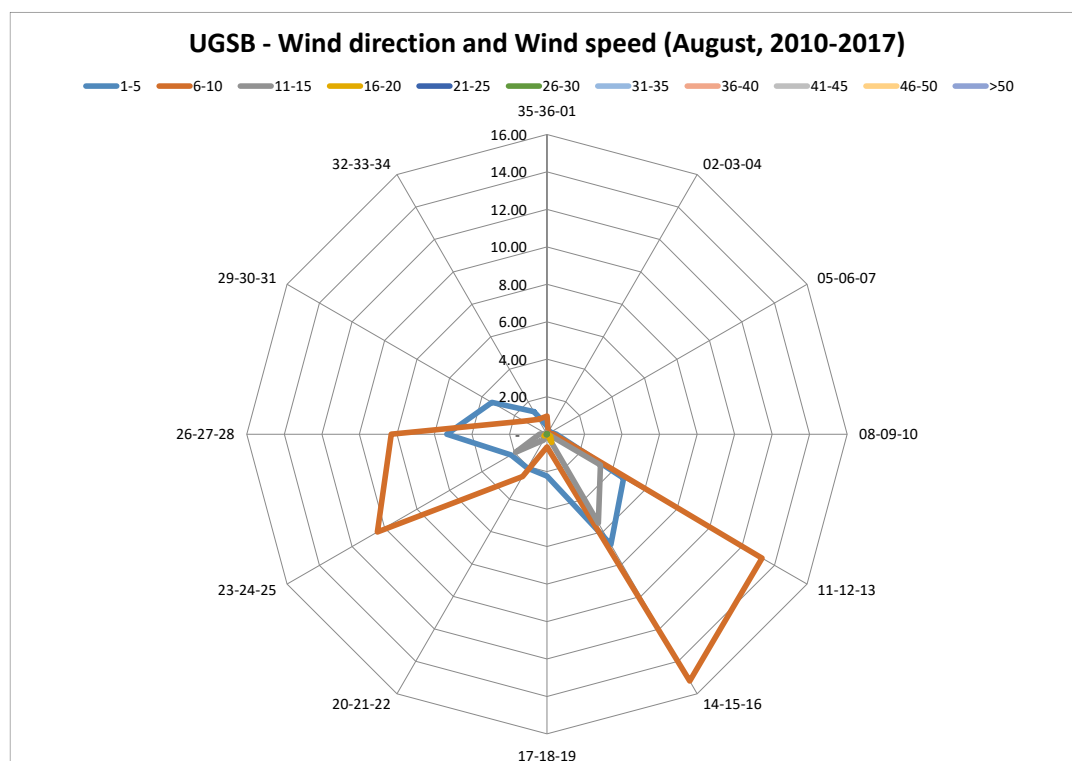
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.30
VARIABLE	1.83	0.07	0.01	-	-	-	-	-	-	-	-	1.91
35-36-01	0.43	0.96	0.01	-	-	0.01	-	-	-	-	-	1.41
02-03-04	0.20	0.12	-	-	-	-	-	-	-	-	-	0.32
05-06-07	0.22	0.13	0.04	-	-	-	-	-	-	-	-	0.39
08-09-10	0.50	0.35	0.06	-	-	-	-	-	-	-	-	0.90
11-12-13	4.71	13.24	3.30	0.21	0.01	-	-	-	-	-	-	21.46
14-15-16	6.80	15.21	5.48	0.50	-	-	-	-	-	-	-	27.99
17-18-19	2.24	0.68	0.04	-	-	-	-	-	-	-	-	2.96
20-21-22	2.08	2.61	0.37	0.02	0.04	0.01	-	-	-	-	-	5.12
23-24-25	2.22	10.44	1.94	0.18	0.05	0.04	-	-	-	-	-	14.86
26-27-28	5.34	8.30	0.39	0.06	0.02	-	-	-	-	-	-	14.11
29-30-31	3.40	1.40	0.07	0.02	-	0.01	-	-	-	-	-	4.89
32-33-34	1.40	0.91	0.05	0.02	0.01	-	-	-	-	-	-	2.38
TOTAL	31.36	54.40	11.74	1.01	0.12	0.06	-	-	-	-	-	100



The prevailing wind directions of 110°-160° frequency of occurrence is 49.45%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 85.76%).

The maximum wind of 26-30 knots is observed within the 200°-220° sector (frequency of occurrence 0.01%), within the 230°-250° sector (frequency of occurrence 0.04%), within the 290°-310° sector (frequency of occurrence 0.01%), and within the 350°-10° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

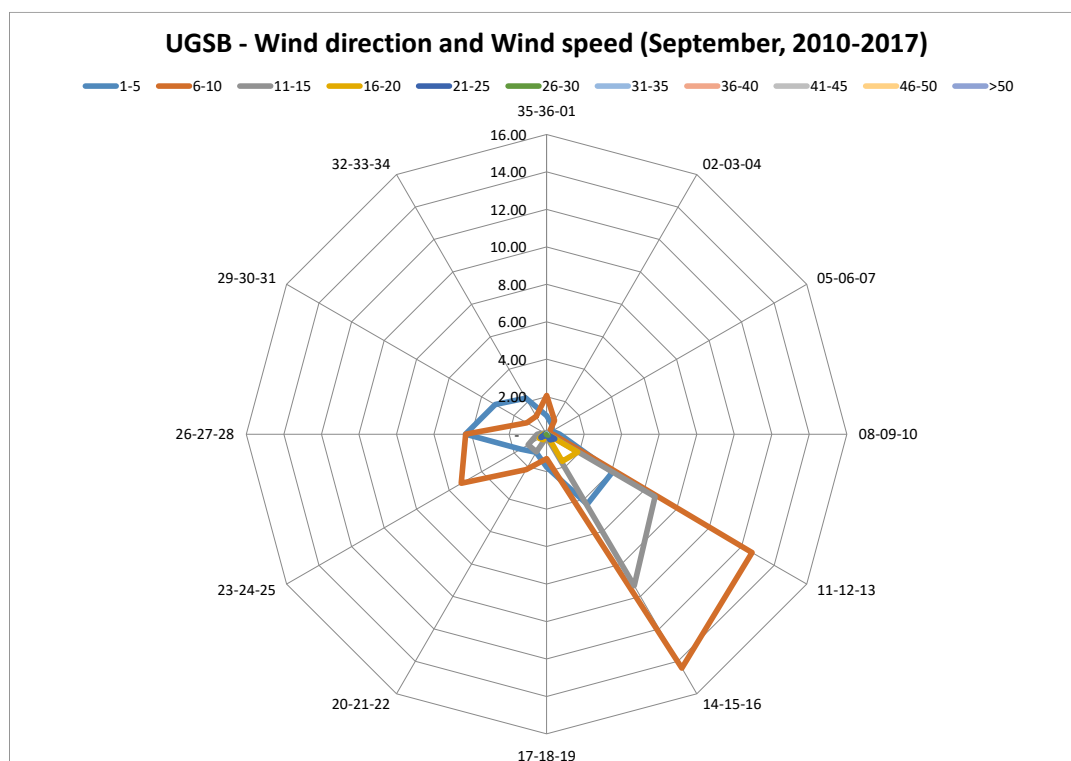
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.59
VARIABLE	1.73	0.14	-	-	-	-	-	-	-	-	-	1.88
35-36-01	0.99	2.07	0.03	0.01	-	-	-	-	-	-	-	3.09
02-03-04	0.59	0.84	0.05	0.01	-	-	-	-	-	-	-	1.49
05-06-07	0.33	0.14	0.04	-	-	-	-	-	-	-	-	0.51
08-09-10	0.69	0.33	0.06	0.02	-	-	-	-	-	-	-	1.10
11-12-13	4.05	12.65	6.67	1.91	0.50	0.10	-	-	-	-	-	25.88
14-15-16	4.32	14.42	9.34	1.68	0.36	0.01	-	-	-	-	-	30.13
17-18-19	1.75	1.31	0.14	0.01	-	-	-	-	-	-	-	3.21
20-21-22	1.12	2.18	1.09	0.34	0.09	-	0.02	-	-	-	-	4.83
23-24-25	1.59	5.25	1.14	0.45	0.35	0.03	-	-	-	-	-	8.80
26-27-28	4.32	4.31	0.50	0.18	0.09	-	-	-	-	-	-	9.41
29-30-31	3.16	1.22	0.12	0.04	0.04	0.02	-	-	-	-	-	4.60
32-33-34	2.22	1.11	0.09	0.03	0.03	0.01	-	-	-	-	-	3.49
TOTAL	26.86	45.96	19.27	4.67	1.46	0.17	0.02	-	-	-	-	100



The prevailing wind directions of 110°-160° frequency of occurrence is 56.01%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 72.82%).

The maximum wind of 31-35 knots is observed within the 200°-220° sector (frequency of occurrence 0.02%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

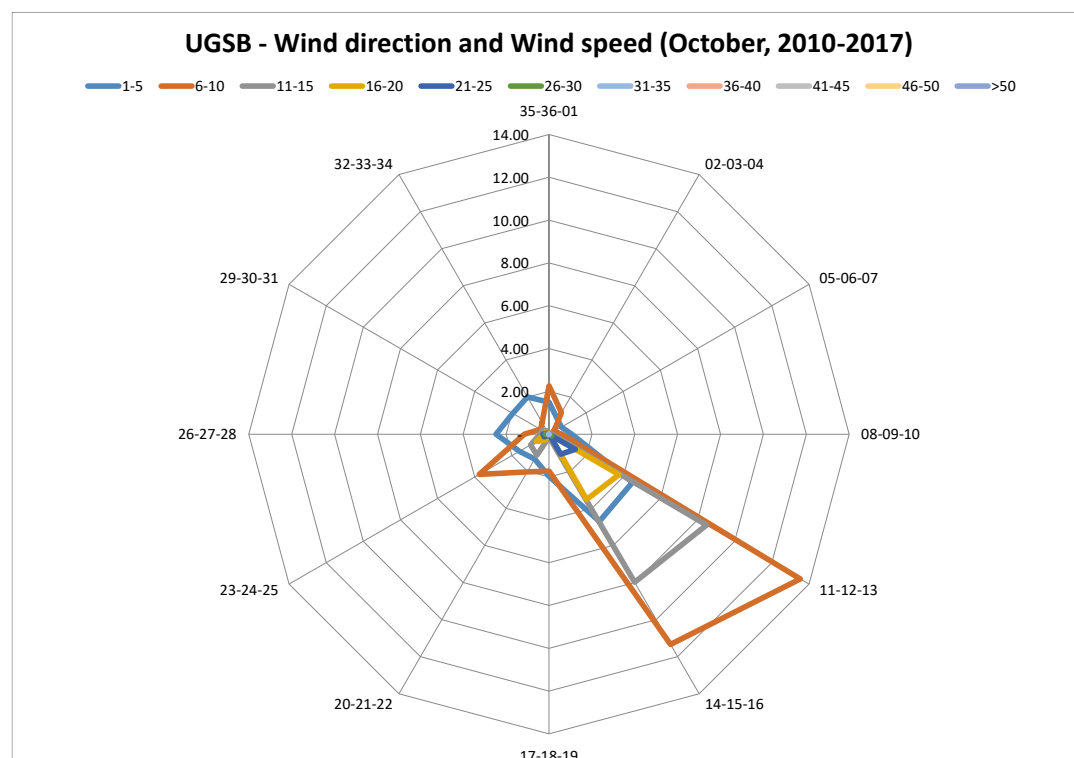
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.72
VARIABLE	2.28	0.15	0.01	-	-	-	-	-	-	-	-	2.44
35-36-01	1.49	2.26	0.07	-	0.01	-	-	-	-	-	-	3.83
02-03-04	0.80	1.16	0.06	-	-	-	-	-	-	-	-	2.02
05-06-07	0.67	0.27	-	-	-	-	-	-	-	-	-	0.94
08-09-10	1.05	0.59	0.14	0.02	-	-	-	-	-	-	-	1.81
11-12-13	4.50	13.53	8.48	3.77	1.41	0.15	-	-	-	-	-	31.84
14-15-16	4.70	11.34	7.99	3.52	1.08	0.02	-	-	-	-	-	28.65
17-18-19	1.97	1.73	0.13	0.01	-	-	-	-	-	-	-	3.84
20-21-22	1.34	2.03	1.13	0.31	0.05	-	-	-	-	-	-	4.88
23-24-25	1.59	3.75	1.00	0.68	0.25	0.07	0.01	-	-	-	-	7.36
26-27-28	2.47	1.15	0.42	0.19	0.29	0.18	-	-	-	-	-	4.70
29-30-31	1.95	0.46	0.36	0.20	0.09	0.04	-	-	-	-	-	3.09
32-33-34	2.01	0.64	0.17	0.05	0.01	-	-	-	-	-	-	2.88
TOTAL	26.82	39.07	19.98	8.75	3.19	0.46	0.01	-	-	-	-	100



**CALM**  
1.72%

**VARIABLE**  
2.44%

The prevailing wind directions of 110°-160° frequency of occurrence is 60.49%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 65.89%).

The maximum wind of 31-35 knots is observed within the 230°-250° (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

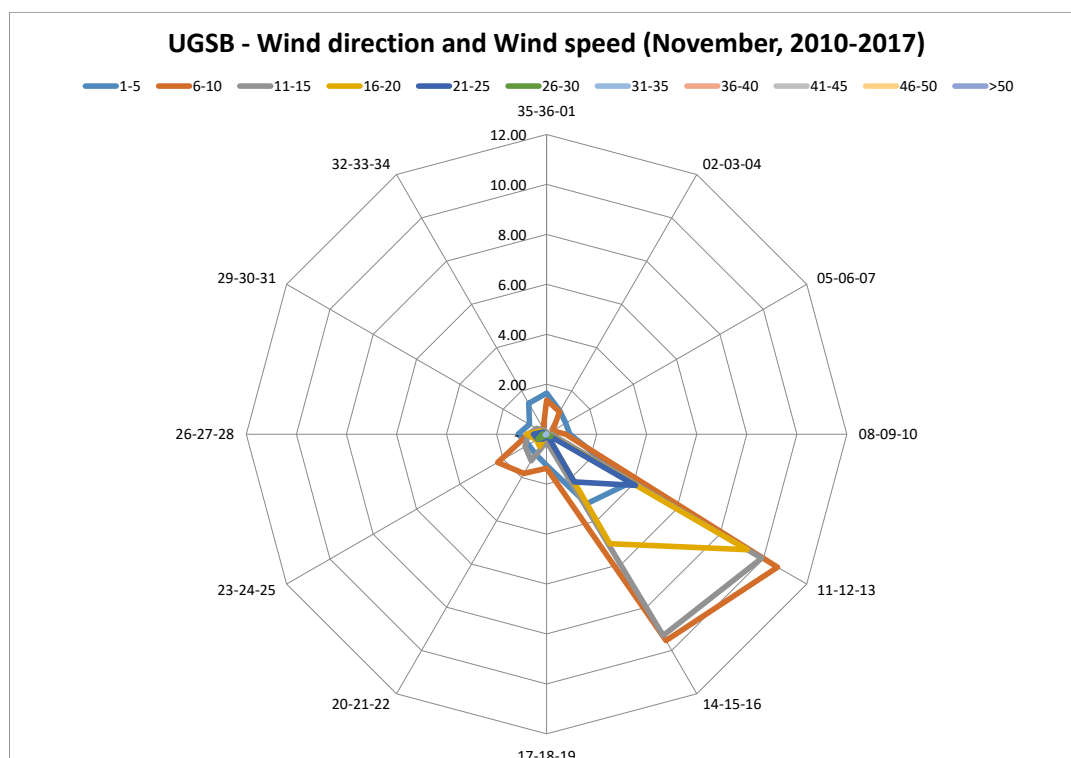
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.20
VARIABLE	1.84	0.27	0.02	-	-	-	-	-	-	-	-	2.13
35-36-01	1.64	1.36	0.03	-	-	-	-	-	-	-	-	3.04
02-03-04	1.06	1.04	-	-	-	-	-	-	-	-	-	2.10
05-06-07	0.89	0.28	0.01	-	-	-	-	-	-	-	-	1.18
08-09-10	0.92	0.76	0.19	0.04	-	-	-	-	-	-	-	1.91
11-12-13	3.88	10.66	9.93	9.25	4.10	0.19	-	-	-	-	-	38.00
14-15-16	3.21	9.54	9.31	5.06	2.20	0.07	-	-	-	-	-	29.40
17-18-19	1.25	1.36	0.29	0.01	-	-	-	-	-	-	-	2.91
20-21-22	0.91	1.81	1.22	0.56	0.21	0.07	-	-	-	-	-	4.78
23-24-25	0.83	2.26	0.99	0.46	0.41	0.40	0.06	-	-	-	-	5.41
26-27-28	1.14	0.73	0.74	0.80	0.52	0.17	0.01	-	-	-	-	4.11
29-30-31	0.79	0.23	0.46	0.26	0.17	-	-	-	-	-	-	1.91
32-33-34	1.43	0.28	0.17	0.03	0.02	-	-	-	-	-	-	1.92
TOTAL	19.80	30.58	23.35	16.47	7.64	0.89	0.07	-	-	-	-	100



The prevailing wind directions of 110°-160° frequency of occurrence is 67.4%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to “Beaufort wind force scale” (frequency of occurrence 50.38%).

The maximum wind of 31-35 knots is observed within the 230°-250° (frequency of occurrence 0.06%) and within the 260°-280° (frequency of occurrence 0.01%) sectors.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

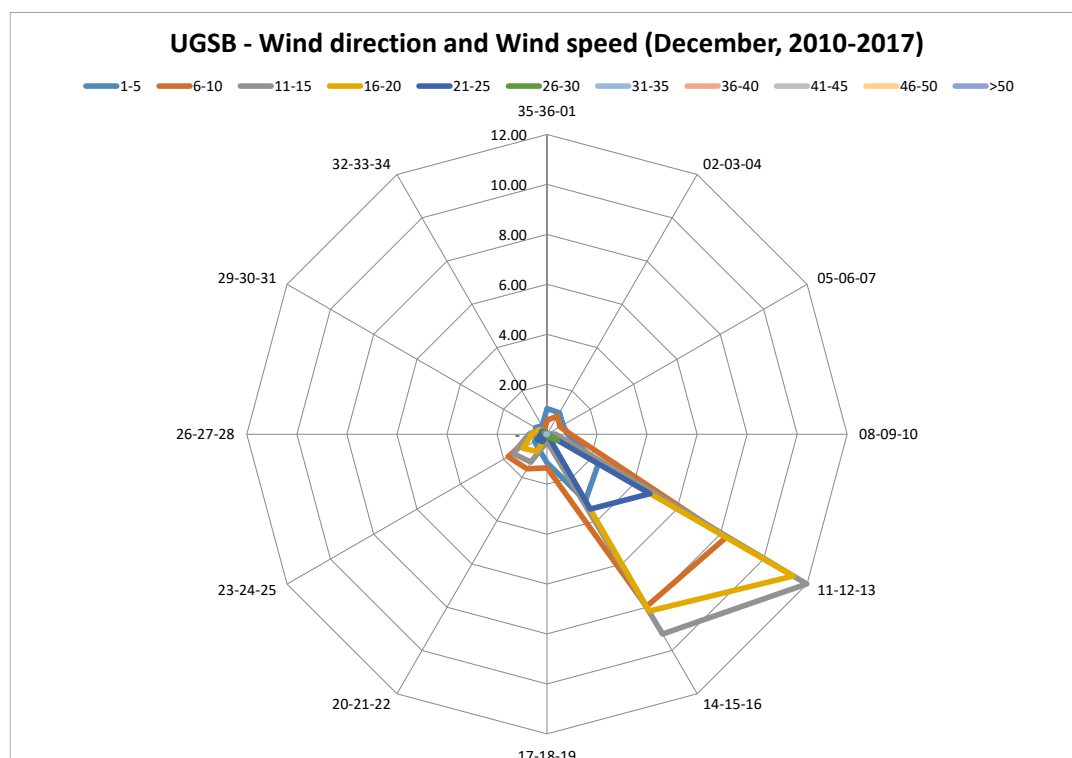
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

**FREQUENCIES (PERCENT) 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												1.40
VARIABLE	1.87	0.22	0.01	-	-	-	-	-	-	-	-	2.09
35-36-01	1.03	0.56	0.02	0.01	-	-	-	-	-	-	-	1.62
02-03-04	0.99	0.84	-	-	-	-	-	-	-	-	-	1.83
05-06-07	0.74	0.60	0.01	-	-	-	-	-	-	-	-	1.35
08-09-10	0.82	0.94	0.34	0.02	0.01	-	-	-	-	-	-	2.13
11-12-13	2.37	8.27	11.99	11.36	4.76	0.49	-	-	-	-	-	39.23
14-15-16	3.07	7.96	9.23	8.18	3.46	0.15	-	-	-	-	-	32.05
17-18-19	1.15	1.35	0.29	0.03	0.01	-	-	-	-	-	-	2.82
20-21-22	0.67	1.60	1.29	0.80	0.34	0.04	-	-	-	-	-	4.74
23-24-25	0.58	1.80	1.56	1.12	0.44	0.06	-	-	-	-	-	5.56
26-27-28	0.31	0.55	0.72	0.60	0.24	0.08	0.03	-	-	-	-	2.54
29-30-31	0.53	0.25	0.37	0.35	0.23	0.14	-	-	-	-	-	1.87
32-33-34	0.39	0.19	0.10	0.04	0.06	-	-	-	-	-	-	0.78
TOTAL	14.52	25.11	25.93	22.50	9.55	0.96	0.03	-	-	-	-	100



The prevailing wind directions of 110°-160° frequency of occurrence is 71.28%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze (frequency of occurrence 39.63%) and wind speed of 11-20 knots, which is the Moderate and Fresh breeze (frequency of occurrence 48.43%) according to "Beaufort wind force scale".

The maximum wind of 31-35 knots is observed within the 260°-280° sector (frequency of occurrence 0.03%).

# WIND GUST SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

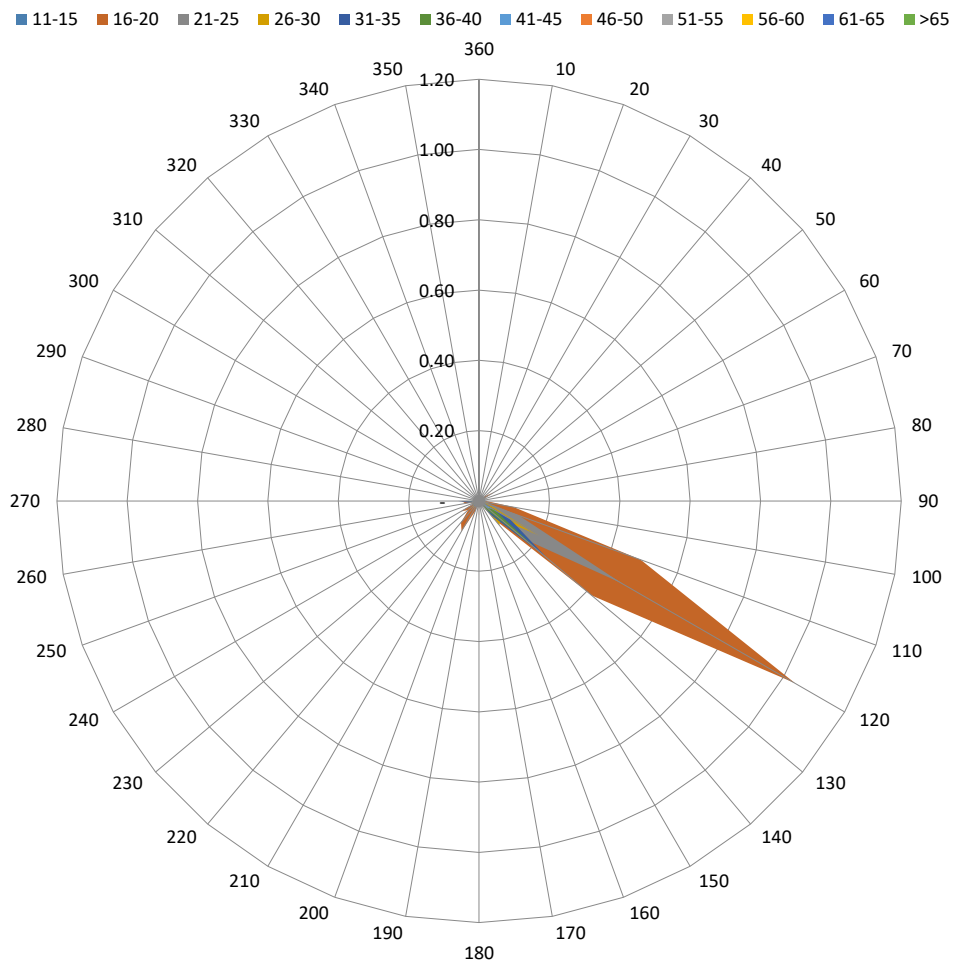
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	0.01	-	-	-	-	-	-	-	0.01
40	-	-	-	-	-	-	-	-	-	-
50	-	0.02	-	-	-	-	-	-	-	0.02
60	-	0.05	0.02	0.02	-	-	-	-	-	0.09
70	-	0.01	0.01	-	-	-	-	-	-	0.02
80	-	-	0.01	-	-	-	-	-	-	0.01
90	-	0.02	-	-	-	-	-	-	-	0.02
100	-	0.10	0.02	0.02	-	-	-	-	-	0.14
110	-	0.49	0.12	0.03	0.01	-	-	-	-	0.65
120	-	1.04	0.47	0.20	0.10	0.05	0.05	-	-	1.90
130	-	0.42	0.17	0.08	0.25	0.22	0.03	-	-	1.17
140	-	0.07	0.03	0.09	0.05	0.03	-	-	-	0.27
150	-	-	-	0.01	0.01	0.01	-	-	-	0.03
160	-	-	-	-	0.01	-	-	-	-	0.01
170	-	-	0.01	-	-	-	-	-	-	0.01
180	-	0.04	-	-	-	-	-	-	-	0.04
190	-	-	-	-	-	-	-	-	-	-
200	-	0.03	-	-	-	-	-	-	-	0.03
210	-	0.10	0.02	-	-	-	-	-	-	0.12
220	-	0.08	0.01	0.03	0.02	0.01	-	-	-	0.15
230	-	0.04	0.02	0.02	0.02	0.01	-	-	-	0.11
240	-	0.06	0.02	0.02	0.01	0.02	-	-	-	0.13
250	-	0.01	0.03	-	-	0.02	-	-	-	0.06
260	-	0.04	-	-	0.03	0.01	0.02	-	-	0.10
270	-	0.05	0.02	-	0.06	0.04	0.02	-	-	0.19
280	-	-	0.01	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	0.01	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	0.01	-	-	-	0.01
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	2.67	0.99	0.52	0.57	0.43	0.13	-	-	5.31

## UGSB Wind direction and Wind Gust speed (January, 2010-2017)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.13%).

The directions of maximum wind gusts are 120°, 130°, 260°, 270° and 300°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9504

OBSERVATION INTERVAL: 30 MIN.

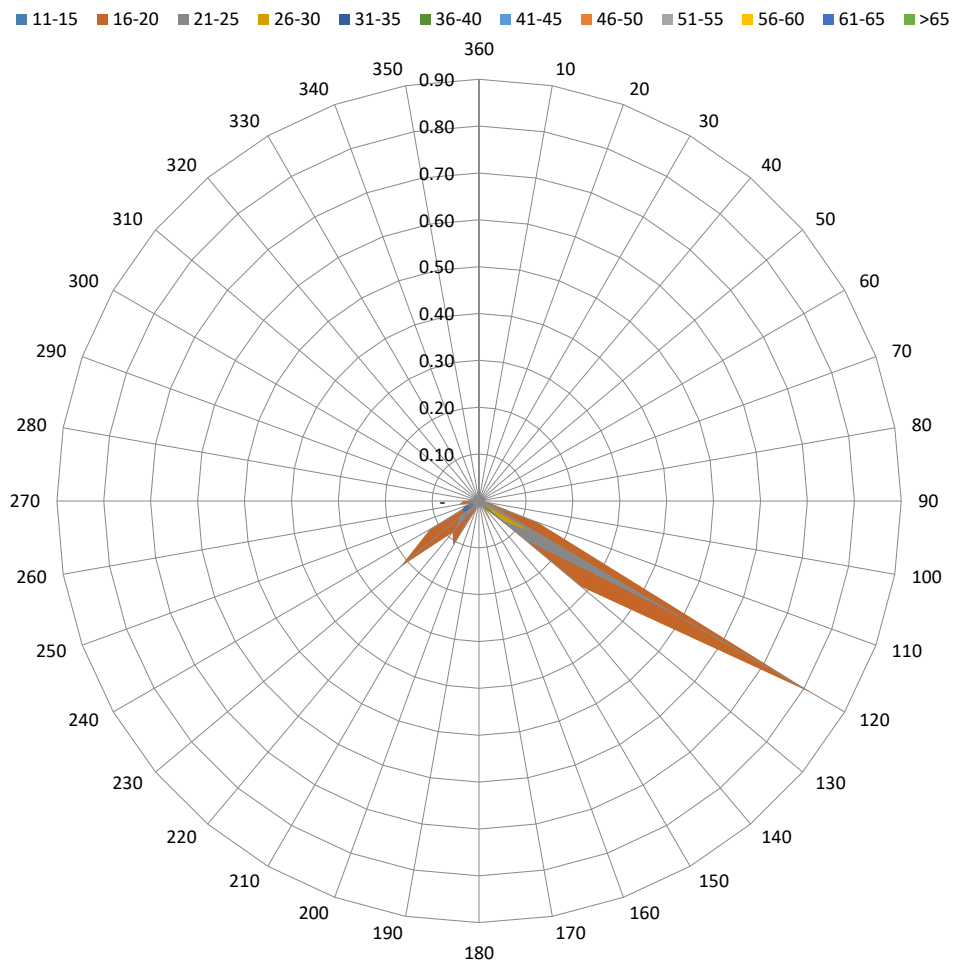
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.02	0.01	-	-	-	-	-	-	0.03
110	-	0.13	0.03	0.01	-	-	-	-	-	0.18
120	-	0.82	0.49	0.13	-	-	-	-	-	1.45
130	0.01	0.29	0.13	0.07	0.12	0.08	-	-	-	0.69
140	-	0.01	-	0.02	0.02	0.02	-	-	-	0.08
150	-	-	-	0.05	-	-	-	-	-	0.05
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	0.01	-	-	-	-	-	-	0.01
190	-	-	0.01	-	-	-	-	-	-	0.01
200	0.01	0.02	-	-	-	-	-	-	-	0.03
210	-	0.11	0.01	0.01	-	-	-	-	-	0.13
220	-	0.09	0.08	0.04	0.01	-	-	-	-	0.22
230	-	0.22	0.05	-	0.03	0.01	-	-	-	0.32
240	-	0.12	0.02	0.03	0.04	0.01	-	-	-	0.23
250	-	0.02	0.01	0.02	0.03	-	-	-	-	0.09
260	-	0.04	0.02	0.01	0.01	-	-	-	-	0.09
270	-	0.03	0.02	0.01	0.02	-	-	-	-	0.09
280	-	0.01	0.02	-	-	-	-	-	-	0.03
290	-	0.01	-	0.01	-	0.01	-	-	-	0.03
300	-	0.01	-	-	-	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.02	1.96	0.93	0.43	0.30	0.13	-	-	-	3.77

## UGSB Wind direction and Wind Gust speed (February, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (36-40 knots) corresponds to the Gale according to “Beaufort wind force scale” (frequency of occurrence – 0.13%).

The directions of maximum wind gusts are 130°, 140°, 230, 240° and 290°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

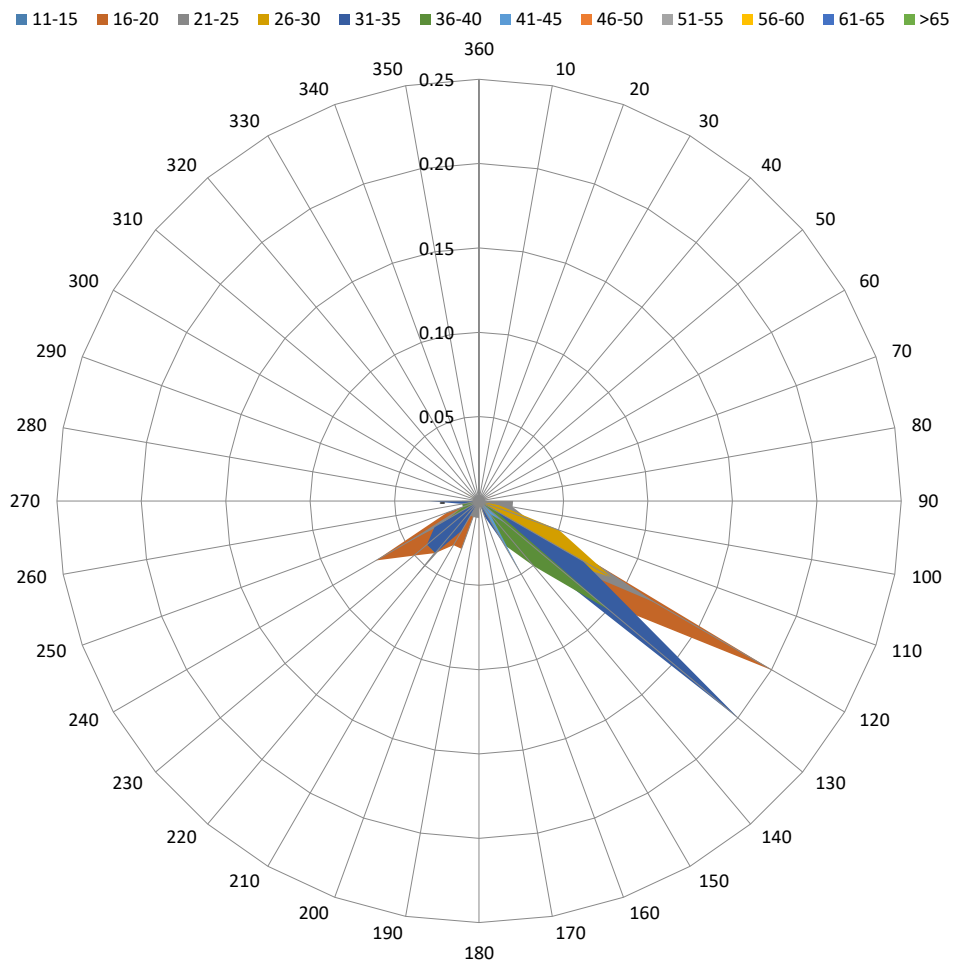
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	0.01	-	-	-	-	-	-	-	0.01
80	-	-	-	-	-	-	-	-	-	-
90	-	-	0.02	-	-	-	-	-	-	0.02
100	-	-	0.02	0.01	-	-	-	-	-	0.03
110	-	0.02	0.03	0.05	-	-	-	-	-	0.10
120	0.01	0.20	0.12	0.09	0.07	0.01	-	-	-	0.50
130	0.01	0.09	0.05	0.05	0.20	0.10	0.02	-	-	0.52
140	-	-	-	0.05	0.03	0.05	0.01	-	-	0.14
150	-	0.01	-	-	0.03	0.03	0.05	-	-	0.12
160	-	0.01	0.01	-	0.01	-	-	-	-	0.03
170	-	-	-	0.01	-	-	-	-	-	0.01
180	-	0.07	0.01	-	-	-	-	-	-	0.08
190	-	-	0.01	-	-	-	-	-	-	0.01
200	-	0.03	0.01	-	-	-	-	-	-	0.04
210	-	0.03	0.01	-	0.02	-	-	-	-	0.06
220	-	0.04	0.06	0.04	0.04	-	0.01	0.01	-	0.20
230	-	0.05	0.01	0.04	0.04	-	-	-	-	0.14
240	-	0.07	0.05	0.02	0.03	0.02	-	-	-	0.19
250	-	0.02	0.01	0.01	-	0.01	0.02	-	-	0.07
260	-	-	0.01	-	0.01	0.01	-	-	-	0.03
270	-	-	-	0.01	0.03	-	-	-	-	0.04
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	0.01	-	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.02	0.66	0.43	0.39	0.51	0.23	0.11	0.01	-	2.37



## UGSB Wind direction and Wind Gust speed (March, 2010-2017)



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

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 220°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

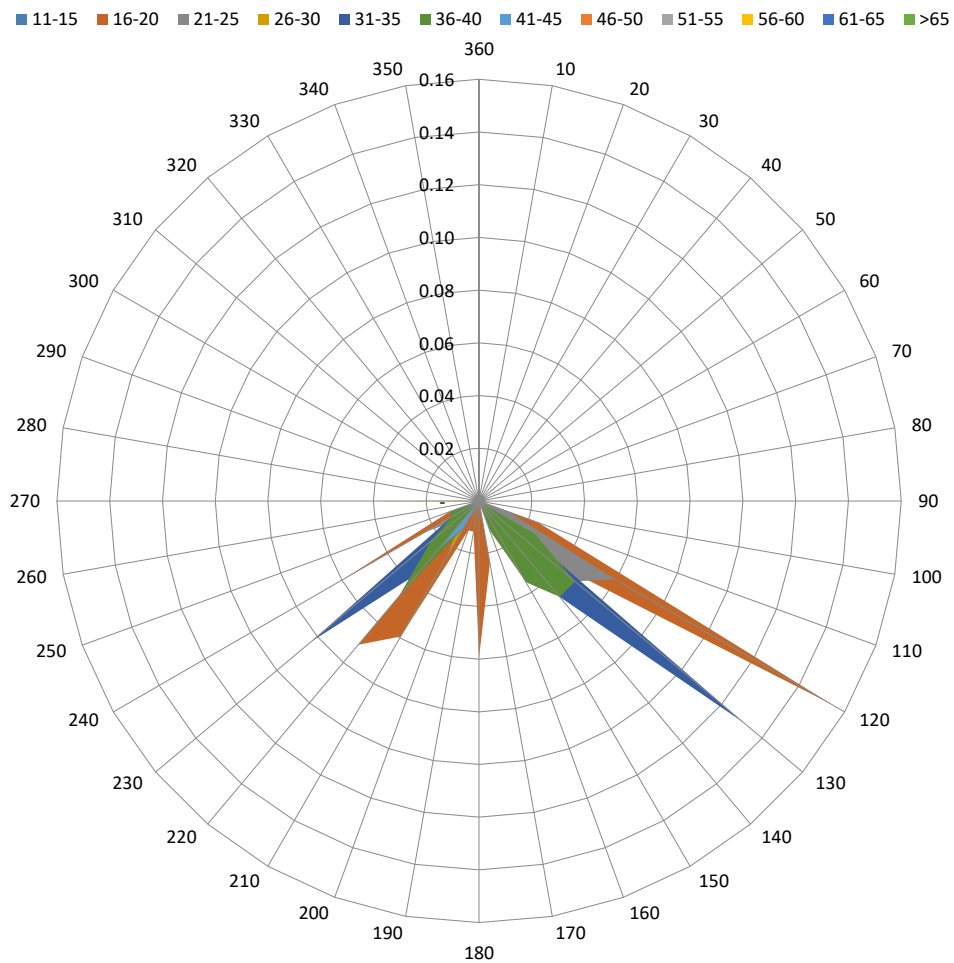
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
110	-	0.02	0.01	-	-	-	-	-	-	0.04
120	-	0.15	0.06	0.02	0.01	0.02	-	-	-	0.27
130	-	0.04	0.05	0.04	0.13	0.05	-	-	-	0.30
140	-	-	0.01	0.01	0.05	0.05	-	-	-	0.12
150	-	-	0.01	0.02	0.01	0.04	-	-	-	0.08
160	-	-	-	-	-	0.01	-	-	-	0.01
170	-	0.02	0.01	-	-	-	-	-	-	0.04
180	-	0.06	-	-	-	-	-	-	-	0.06
190	-	0.01	-	-	-	-	-	-	-	0.01
200	-	0.01	-	-	-	-	-	-	-	0.01
210	-	0.06	-	0.02	-	0.01	0.01	-	-	0.11
220	-	0.07	0.01	0.01	0.04	0.05	0.02	-	-	0.20
230	-	-	0.01	0.04	0.08	0.02	-	-	-	0.15
240	-	0.06	0.02	0.01	0.01	0.01	0.01	-	-	0.13
250	0.01	0.01	-	-	-	0.01	-	-	-	0.04
260	-	-	-	-	-	-	-	-	-	-
270	-	0.04	0.01	0.02	-	-	-	-	-	0.07
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.56	0.21	0.20	0.33	0.27	0.05	-	-	1.64

## UGSB Wind direction and Wind Gust speed (April, 2010-2017)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.05%).

The directions of maximum wind gusts are  $210^\circ$ ,  $220^\circ$  and  $240^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

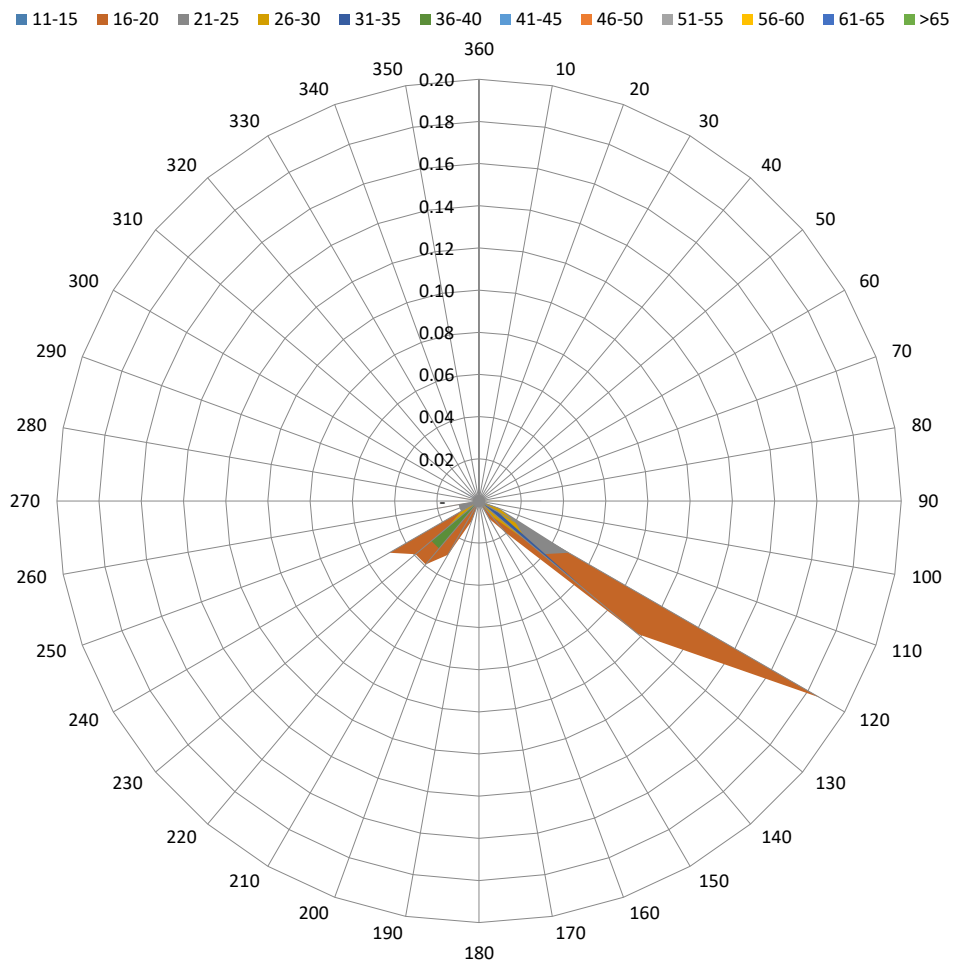
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	0.03	0.01	-	-	-	-	-	0.04
100	-	-	-	-	-	-	-	-	-	-
110	-	-	0.01	0.01	-	-	-	-	-	0.02
120	-	0.19	0.05	0.02	0.01	0.01	0.01	0.01	-	0.29
130	-	0.10	0.04	0.03	0.07	-	-	-	-	0.24
140	-	0.02	-	0.01	-	-	0.01	0.01	-	0.05
150	-	0.01	0.02	-	-	-	-	-	-	0.03
160	-	-	-	-	-	-	-	-	-	-
170	-	-	0.02	-	-	-	-	-	-	0.02
180	-	0.01	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-
200	-	0.01	-	-	-	-	-	-	-	0.01
210	-	0.03	-	-	-	-	-	-	-	0.03
220	-	0.04	0.02	0.02	0.02	0.03	-	-	-	0.13
230	-	0.04	-	0.02	0.03	0.03	-	-	-	0.12
240	-	0.05	0.01	0.01	-	-	-	-	-	0.07
250	-	-	0.01	-	-	-	-	-	-	0.01
260	-	0.02	0.01	-	-	-	-	-	-	0.03
270	-	-	-	-	-	-	-	-	-	-
280	-	0.01	-	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-
300	-	-	0.01	-	0.01	-	-	-	-	0.02
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.52	0.23	0.13	0.14	0.07	0.02	0.02	-	1.12

## UGSB Wind direction and Wind Gust speed (May, 2010-2017)



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

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.02%).

The directions of maximum wind gusts are 120° and 140°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

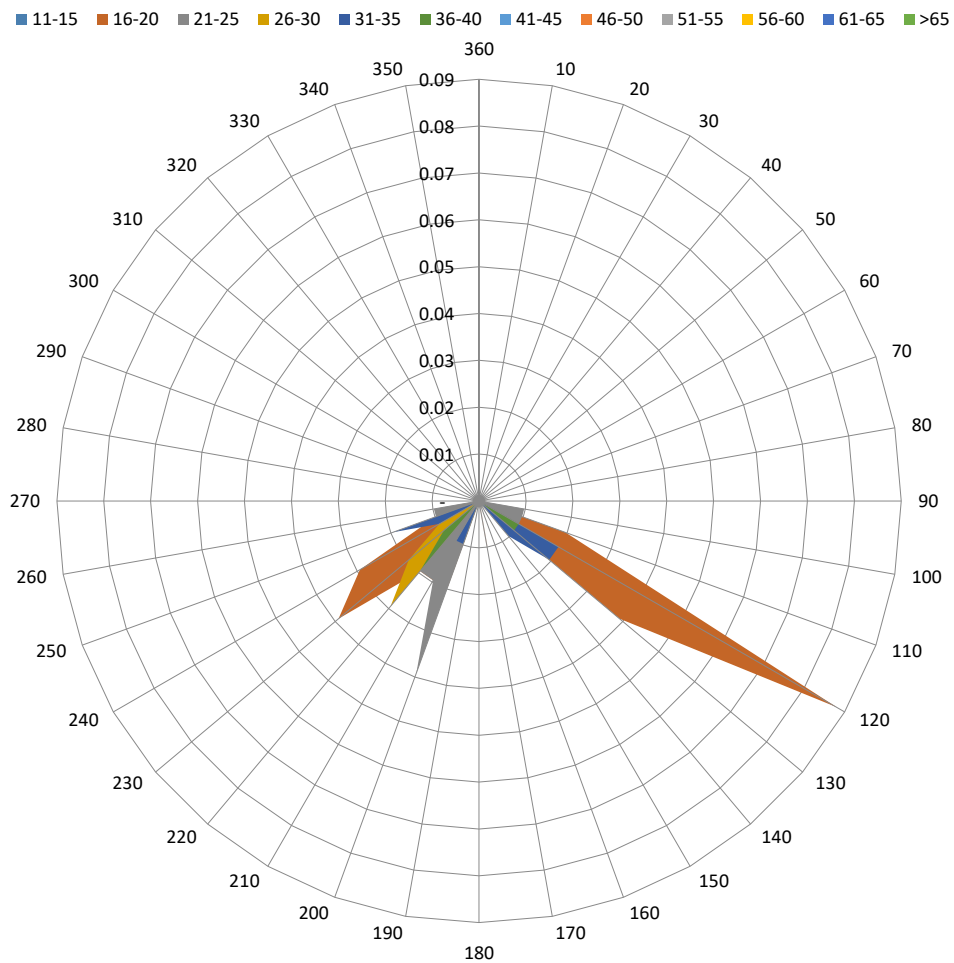
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	-	0.01	-	-	-	-	-	-	0.01
110	-	0.02	0.01	-	-	-	-	-	-	0.03
120	0.01	0.09	0.01	-	0.02	0.01	-	-	-	0.14
130	-	0.04	-	0.02	0.02	0.01	-	-	-	0.09
140	-	-	0.01	-	0.01	-	-	-	-	0.02
150	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
170	-	0.01	-	-	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	0.02	0.04	0.01	0.01	-	-	-	-	0.08
210	-	0.02	0.02	-	0.01	-	-	-	-	0.05
220	-	0.02	0.02	0.03	-	0.02	-	-	-	0.09
230	-	0.04	0.01	0.02	-	0.01	-	-	-	0.08
240	-	0.03	-	0.01	0.01	-	-	-	-	0.05
250	-	0.01	0.01	0.01	0.02	-	-	-	-	0.05
260	-	-	0.01	-	-	-	-	-	-	0.01
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.29	0.15	0.10	0.10	0.05	-	-	-	0.69

## UGSB Wind direction and Wind Gust speed (June, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (36-40 knots) corresponds to the Gale according to “Beaufort wind force scale” (frequency of occurrence – 0.05%).

The directions of maximum wind gusts are 120°, 130°, 220° and 230°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

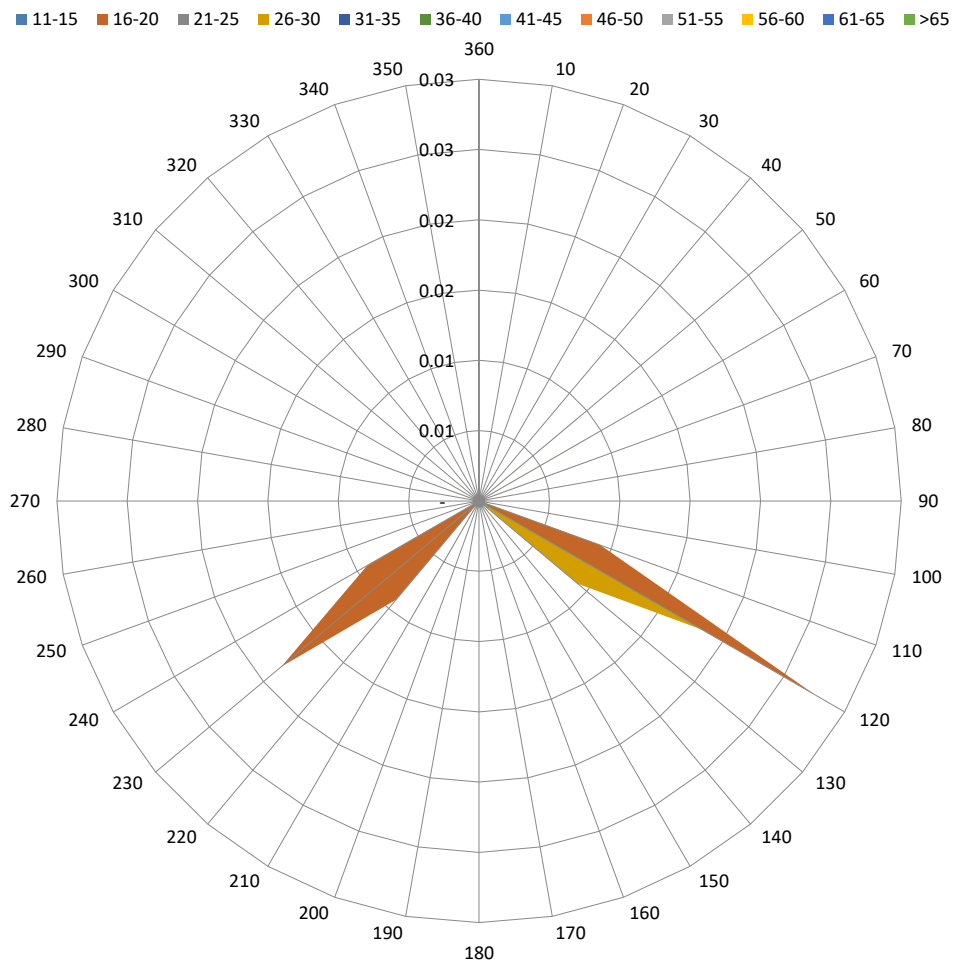
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	0.01	-	-	-	-	-	-	0.01
60	-	0.01	-	-	-	-	-	-	-	0.01
70	-	-	0.01	-	-	-	-	-	-	0.01
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
110	-	0.01	-	-	-	-	-	-	-	0.01
120	-	0.03	-	0.02	-	0.02	-	-	-	0.06
130	-	-	-	0.01	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
210	-	-	0.01	-	-	-	-	-	-	0.01
220	-	0.01	-	-	-	-	-	-	-	0.01
230	-	0.02	-	0.01	-	-	-	-	-	0.03
240	-	0.01	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	0.01	-	-	-	-	-	0.01
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.08	0.03	0.05	-	0.02	-	-	-	0.17



## UGSB Wind direction and Wind Gust speed (July, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (36-40 knots) corresponds to the strong breeze and the Near gale according to “Beaufort wind force scale” (frequency of occurrence – 0.02%).

The directions of maximum wind gusts are 120°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

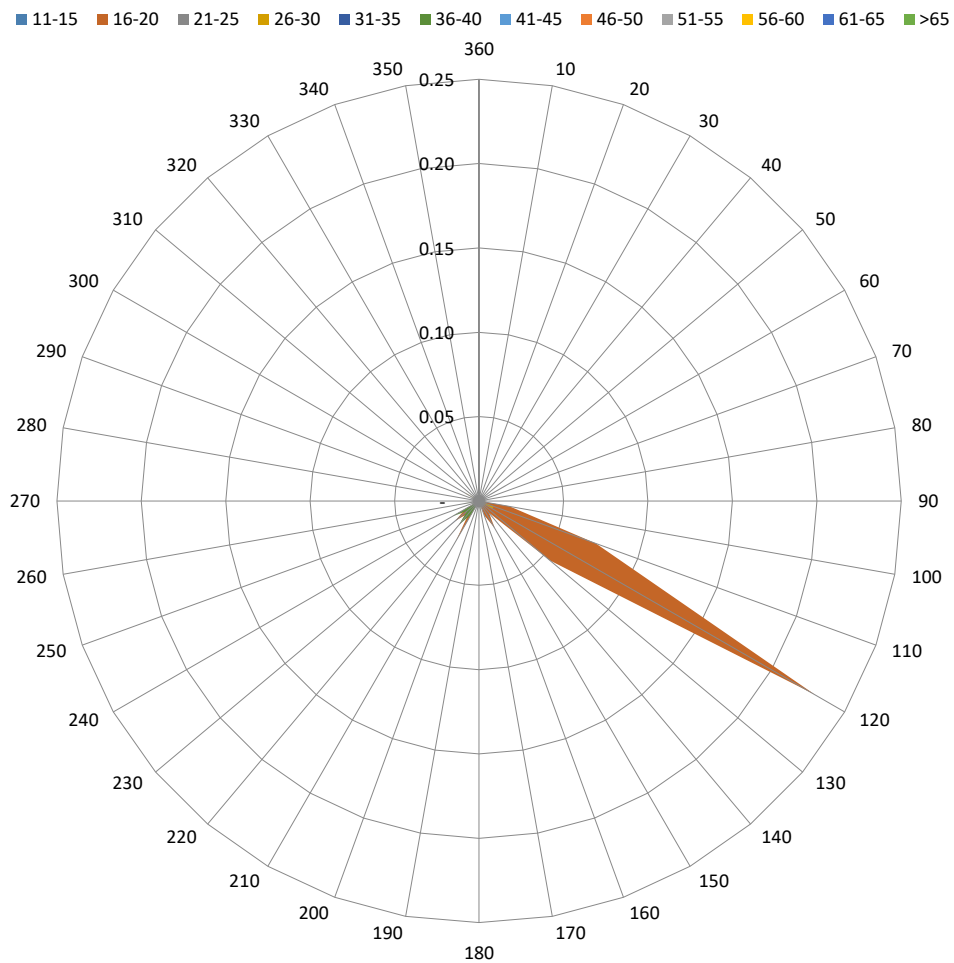
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	0.02	-	-	-	-	-	-	0.02
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.02	-	-	-	-	-	-	-	0.02
110	-	0.07	-	0.01	-	-	-	-	-	0.08
120	-	0.23	-	0.01	-	-	-	-	-	0.24
130	-	0.06	-	-	-	-	-	-	-	0.06
140	-	0.01	-	-	-	-	-	-	-	0.01
150	-	0.02	0.02	-	-	-	-	-	-	0.04
160	-	0.01	-	-	-	-	-	-	-	0.01
170	-	-	-	0.01	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
210	-	0.03	-	-	-	0.01	-	-	-	0.04
220	-	0.01	0.02	-	-	0.02	-	-	-	0.05
230	-	0.02	0.01	-	0.03	0.01	-	-	-	0.06
240	-	0.01	-	-	-	0.02	-	-	-	0.03
250	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	0.01	-	-	-	0.01
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	0.01	-	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.48	0.06	0.04	0.03	0.06	-	-	-	0.67

## UGSB Wind direction and Wind Gust speed (August, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (36-40 knots) corresponds to Gale according to “Beaufort wind force scale” (frequency of occurrence – 0.06%).

The directions of maximum wind gusts are 210°, 220°, 230°, 240° and 260°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

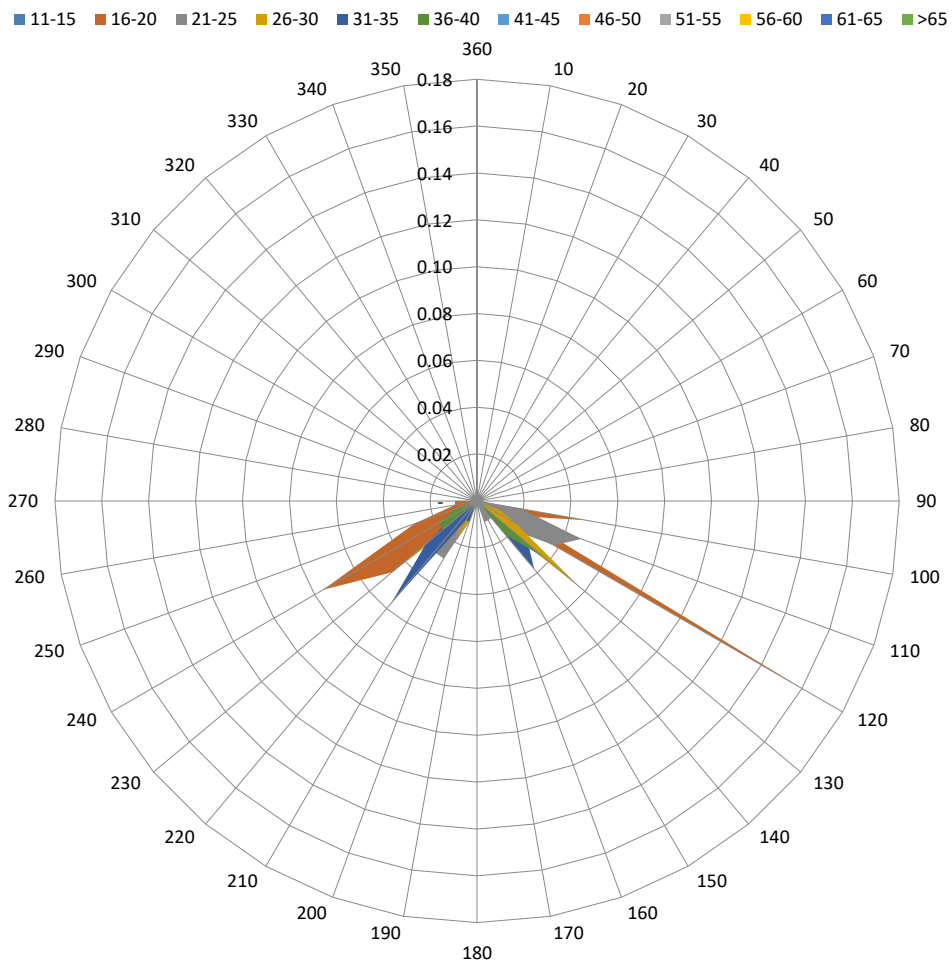
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	0.01	-	-	-	-	-	-	-	0.01
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.05	0.02	-	-	-	-	-	-	0.07
110	-	0.02	0.05	0.01	-	-	-	-	-	0.08
120	-	0.16	0.04	0.02	-	-	-	-	-	0.22
130	-	-	0.02	0.06	0.03	0.04	-	-	-	0.14
140	-	-	0.01	0.01	0.04	0.02	-	-	-	0.08
150	-	0.01	0.01	-	-	-	-	-	-	0.02
160	-	-	0.01	-	-	-	-	-	-	0.01
170	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-
200	-	0.01	0.01	0.01	0.01	-	-	-	-	0.04
210	-	-	0.03	0.02	0.01	-	-	-	-	0.06
220	-	0.01	0.03	0.01	0.06	-	0.01	-	-	0.11
230	-	0.05	-	0.05	0.03	0.02	-	-	-	0.14
240	-	0.08	0.01	-	0.01	0.02	-	-	-	0.11
250	-	0.03	-	0.03	-	0.01	-	-	-	0.07
260	-	0.01	-	-	-	-	-	-	-	0.01
270	-	0.01	-	0.01	-	0.01	-	-	-	0.03
280	-	-	0.01	-	0.01	-	-	-	-	0.02
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	0.01	-	-	-	-	-	-	0.01
320	-	-	-	-	-	-	-	-	-	-
330	-	0.01	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.45	0.25	0.22	0.19	0.11	0.01	-	-	1.23

### UGSB Wind direction and Wind Gust speed (September, 2010-2017)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 220°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

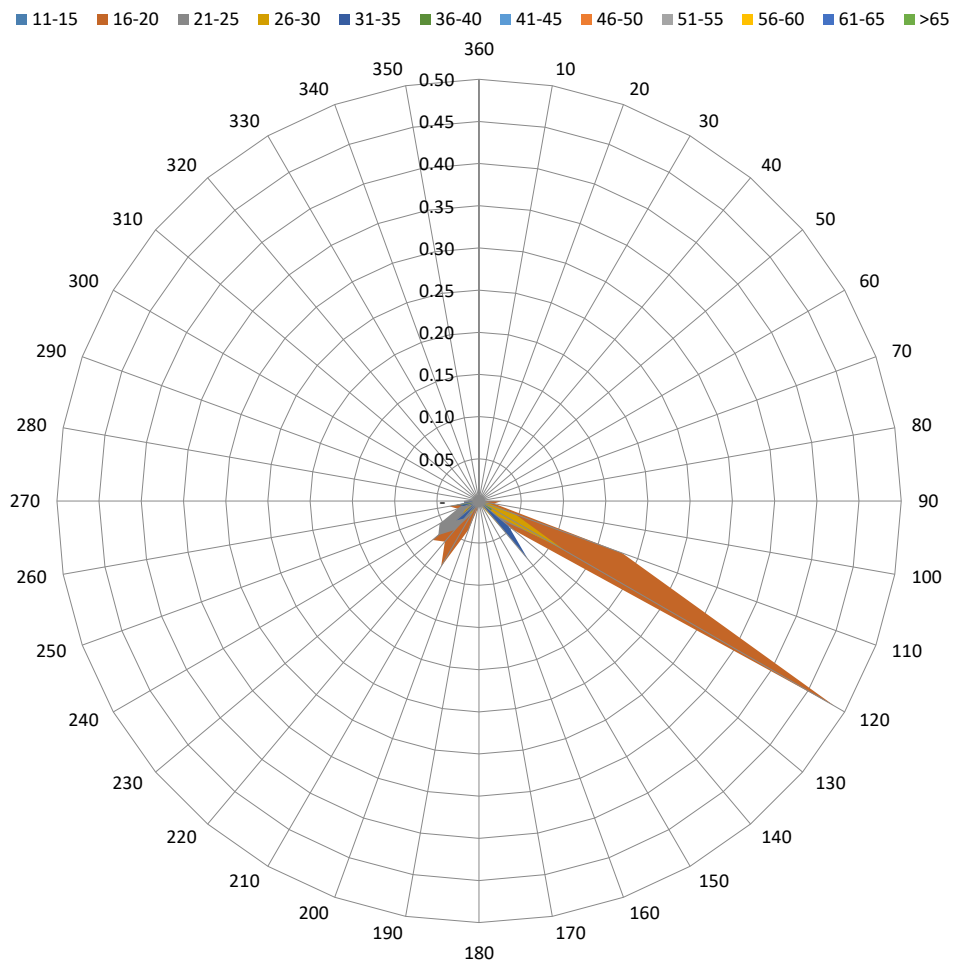
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	0.03	0.02	-	-	-	-	-	-	0.04
100	-	0.02	-	0.01	-	-	-	-	-	0.03
110	-	0.18	0.04	0.04	-	-	-	-	-	0.27
120	0.01	0.49	0.10	0.12	-	0.02	-	-	-	0.73
130	-	0.05	0.04	0.03	0.04	0.02	-	-	-	0.18
140	-	0.01	0.01	0.04	0.09	-	-	-	-	0.15
150	-	-	-	0.01	-	-	-	-	-	0.01
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-
190	-	0.01	-	-	-	-	-	-	-	0.01
200	-	0.04	-	-	-	-	-	-	-	0.04
210	-	0.09	0.02	0.02	0.01	-	-	-	-	0.13
220	-	0.06	0.04	0.02	0.03	-	-	-	-	0.15
230	-	0.07	0.06	0.03	0.04	0.03	0.01	-	-	0.23
240	-	0.01	0.05	0.02	0.01	-	0.01	-	-	0.10
250	-	0.03	0.03	0.01	0.02	0.01	-	-	-	0.09
260	-	0.04	0.02	-	0.03	0.04	0.01	-	-	0.13
270	-	-	0.02	0.01	0.01	-	-	-	-	0.04
280	-	0.01	0.01	-	-	-	0.01	-	-	0.03
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	0.01	0.01	-	-	-	0.02
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	0.01	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	0.01	-	-	-	0.01
TOTAL	0.01	1.12	0.46	0.36	0.28	0.13	0.04	-	-	2.39

## UGSB Wind direction and Wind Gust speed (October, 2010-2017)



The strong wind (wind gust  $\geq 41$  knots) – 0.04%.

The maximum wind speed (41-45 knots) corresponds to the Gale according to “Beaufort wind force scale” (frequency of occurrence – 0.04%).

The directions of maximum wind gusts are 230°, 240°, 260° and 280°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

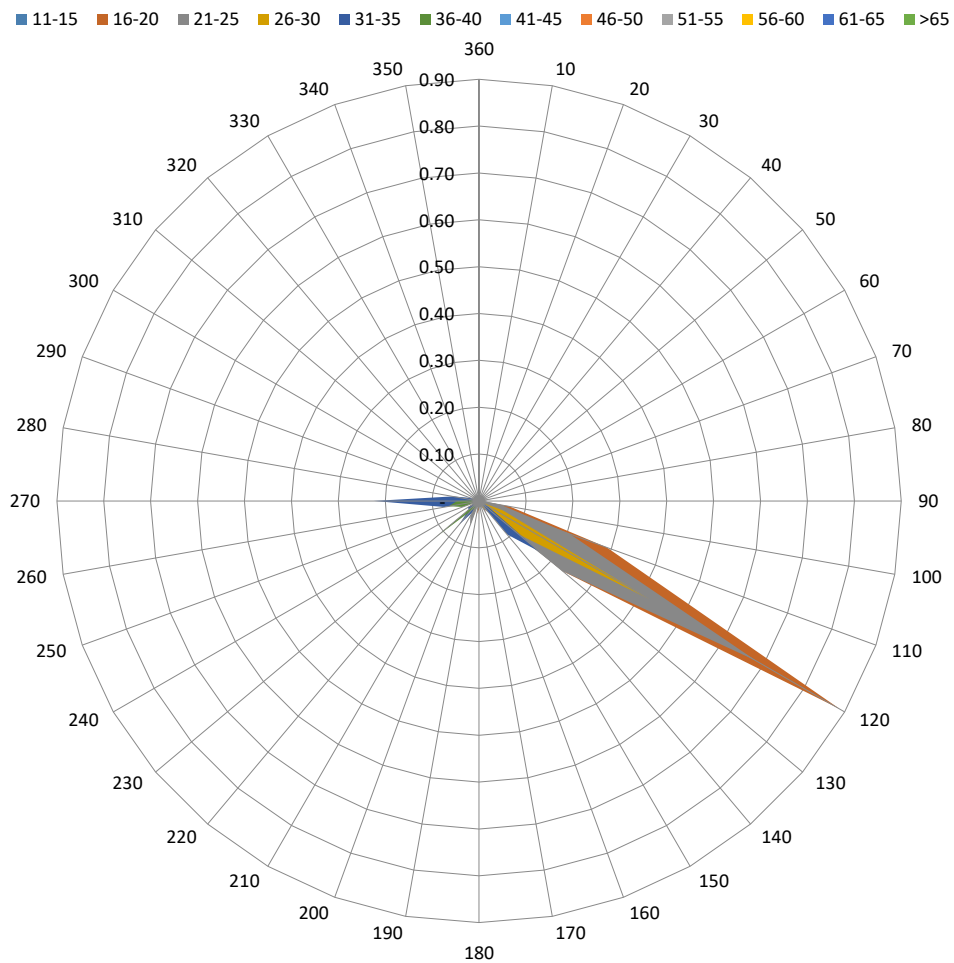
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	0.01	-	-	-	-	-	-	0.01
70	-	-	-	-	-	-	-	-	-	-
80	-	0.01	0.03	-	-	-	-	-	-	0.04
90	-	-	0.01	-	-	-	-	-	-	0.01
100	-	0.07	0.05	-	-	-	-	-	-	0.11
110	0.01	0.29	0.21	0.05	-	-	-	-	-	0.55
120	0.01	0.89	0.68	0.42	0.02	-	-	-	-	2.02
130	-	0.23	0.23	0.11	0.17	0.01	-	-	-	0.76
140	-	0.02	0.04	0.02	0.09	-	-	-	-	0.17
150	-	0.03	0.02	0.02	-	-	-	-	-	0.07
160	-	-	0.01	-	-	-	-	-	-	0.01
170	-	-	-	-	-	-	-	-	-	-
180	-	0.02	0.03	-	-	-	-	-	-	0.05
190	-	0.03	-	-	-	-	-	-	-	0.03
200	-	-	0.06	0.01	-	-	-	-	-	0.07
210	-	0.01	0.04	-	0.03	0.02	-	-	-	0.09
220	-	-	0.01	0.04	0.07	0.03	0.01	-	-	0.15
230	-	0.02	0.01	0.04	0.03	0.12	0.03	-	-	0.24
240	-	0.03	0.03	-	0.03	-	-	-	-	0.08
250	-	0.01	0.01	-	-	0.04	-	-	-	0.06
260	-	-	0.01	0.04	0.07	0.07	0.01	-	-	0.20
270	-	-	0.01	0.14	0.22	0.05	-	-	-	0.42
280	-	-	0.01	0.03	0.06	0.01	0.01	-	-	0.11
290	-	-	-	-	0.02	0.01	-	-	-	0.03
300	-	-	-	-	-	-	-	-	-	-
310	-	0.01	-	0.01	-	-	-	-	-	0.02
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.02	1.65	1.48	0.92	0.80	0.35	0.06	-	-	5.28



## UGSB Wind direction and Wind Gust speed (November, 2010-2017)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.06%).

The directions of maximum wind gusts are 220°, 230°, 260° and 280°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

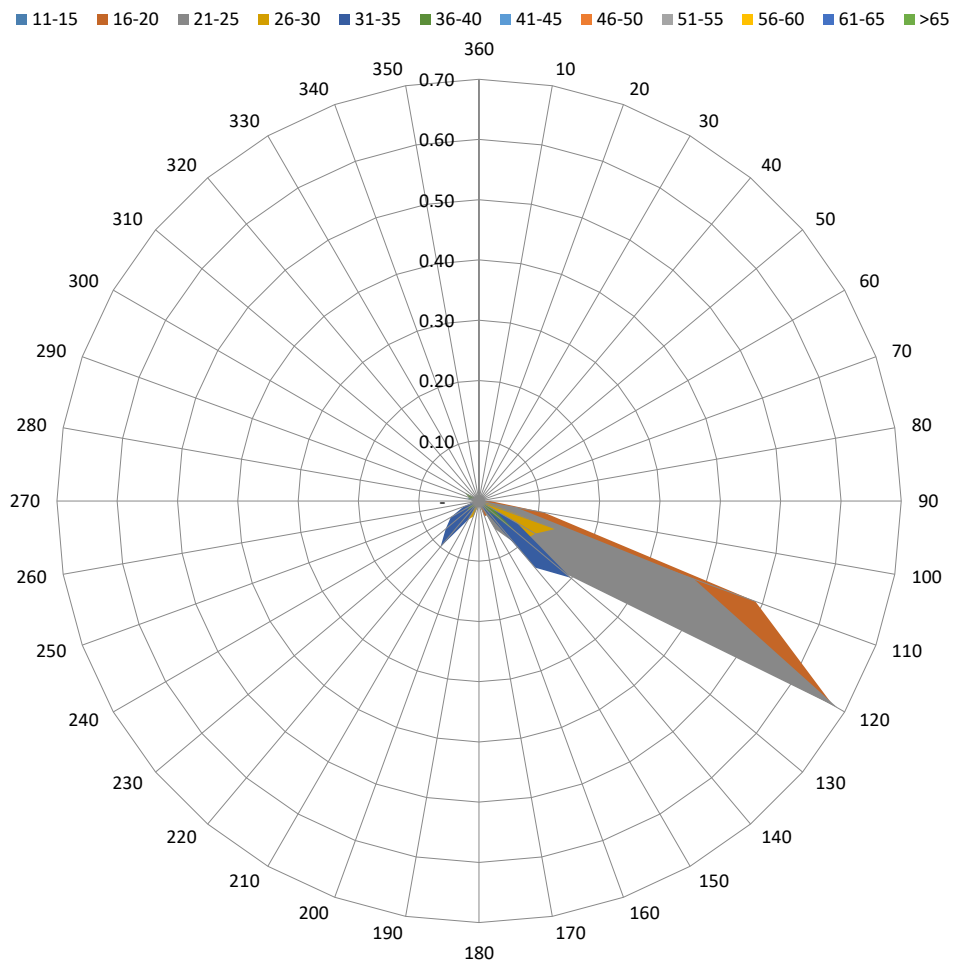
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	0.01	-	-	-	-	-	-	-	0.01
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	0.02	-	0.01	-	-	-	-	-	0.03
100	-	0.11	0.06	0.01	-	-	-	-	-	0.18
110	-	0.49	0.38	0.14	-	-	-	-	-	1.00
120	-	0.68	0.69	0.11	0.07	0.03	-	-	-	1.57
130	-	0.16	0.19	0.10	0.20	0.08	-	-	-	0.73
140	-	0.09	0.09	0.10	0.14	0.02	-	-	-	0.44
150	-	0.03	0.05	0.02	0.02	-	-	-	-	0.12
160	-	0.03	0.01	0.01	0.01	-	-	-	-	0.05
170	-	0.01	0.01	-	-	-	-	-	-	0.02
180	-	-	-	0.01	-	-	-	-	-	0.01
190	-	0.01	-	0.01	0.01	-	-	-	-	0.03
200	-	-	-	0.03	-	-	-	-	-	0.03
210	-	0.01	0.03	0.04	0.04	0.03	-	-	-	0.14
220	-	0.03	0.03	0.05	0.10	0.01	0.01	-	-	0.22
230	-	-	0.01	0.06	0.07	0.03	-	-	-	0.17
240	-	0.04	0.01	0.03	0.05	0.02	-	-	-	0.14
250	-	0.02	0.02	0.01	0.03	-	-	-	-	0.07
260	-	-	0.01	0.01	0.01	-	-	0.01	-	0.04
270	-	-	-	0.01	0.01	0.01	-	-	-	0.03
280	-	-	0.01	-	0.02	0.02	0.03	-	-	0.07
290	-	-	-	0.01	0.01	0.02	0.01	-	-	0.05
300	-	0.01	-	-	-	0.03	-	-	-	0.04
310	-	-	-	-	-	0.01	-	-	-	0.01
320	-	-	-	-	-	-	-	-	-	-
330	-	0.01	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	1.73	1.59	0.74	0.79	0.29	0.05	0.01	-	5.19

## UGSB Wind direction and Wind Gust speed (December, 2010-2017)



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

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The direction of maximum wind gusts is 260°.

# WIND SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30336

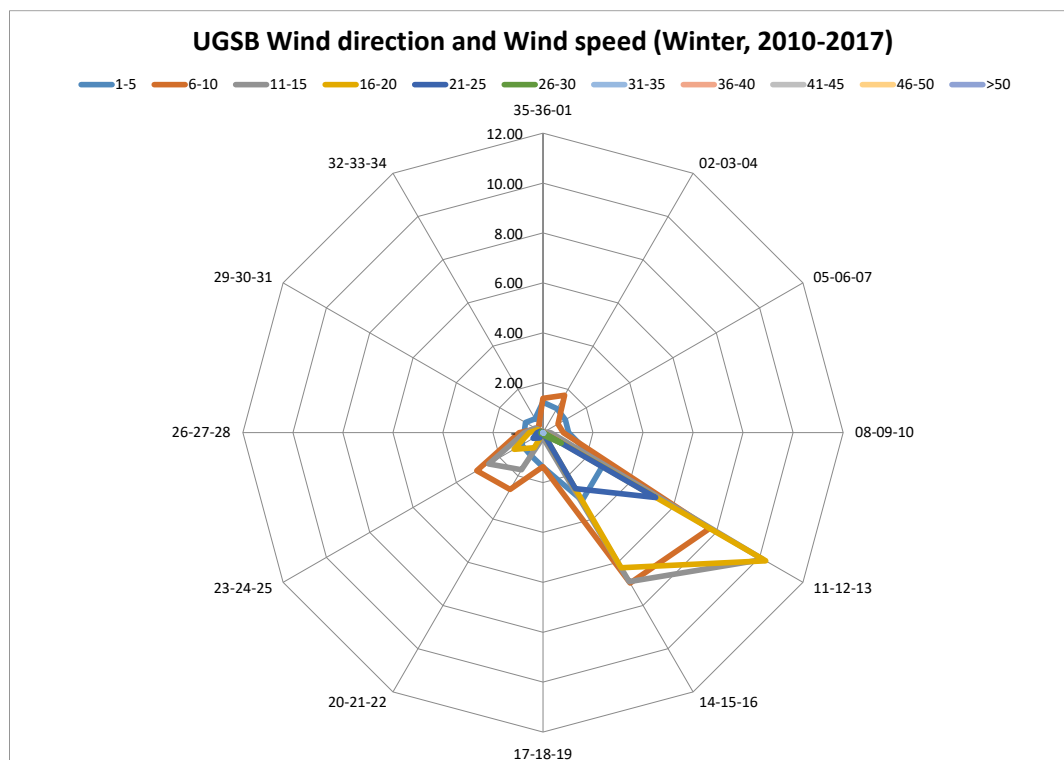
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.16
VARIABLE	2.16	0.21	0.00	-	-	-	-	-	-	-	-	2.37
35-36-01	1.22	1.37	0.02	0.01	-	-	-	-	-	-	-	2.62
02-03-04	1.12	1.72	0.06	-	-	-	-	-	-	-	-	2.90
05-06-07	1.03	0.69	0.06	0.02	-	-	-	-	-	-	-	1.80
08-09-10	1.03	0.81	0.31	0.03	0.01	-	-	-	-	-	-	2.19
11-12-13	2.73	7.68	10.17	10.28	5.20	0.84	0.03	-	-	-	-	36.94
14-15-16	3.13	6.96	6.90	6.25	2.59	0.15	-	-	-	-	-	25.99
17-18-19	1.38	1.36	0.20	0.01	0.00	-	-	-	-	-	-	2.96
20-21-22	1.02	2.63	1.71	0.70	0.25	0.04	-	-	-	-	-	6.35
23-24-25	0.98	3.05	2.51	1.34	0.46	0.08	-	-	-	-	-	8.42
26-27-28	0.76	0.95	0.74	0.55	0.23	0.08	0.01	-	-	-	-	3.32
29-30-31	0.81	0.30	0.36	0.23	0.11	0.06	0.00	-	-	-	-	1.88
32-33-34	0.64	0.32	0.08	0.04	0.03	-	-	-	-	-	-	1.11
<b>TOTAL</b>	<b>18.01</b>	<b>28.07</b>	<b>23.11</b>	<b>19.47</b>	<b>8.88</b>	<b>1.26</b>	<b>0.05</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>



**CALM**  
1.16%

**VARIABLE**  
2.37%

The prevailing wind directions of 110°-160° frequency of occurrence is 62.93%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze (frequency of occurrence 46.08%) and wind speed of 11-20 knots, which is the Moderate and Fresh breeze (frequency of occurrence 42.58%) according to "Beaufort wind force scale".

The maximum wind of 31-35 knots is observed within the 110°-130°, 260°-280° and 290°-310° sectors (frequency of occurrence 0.05%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

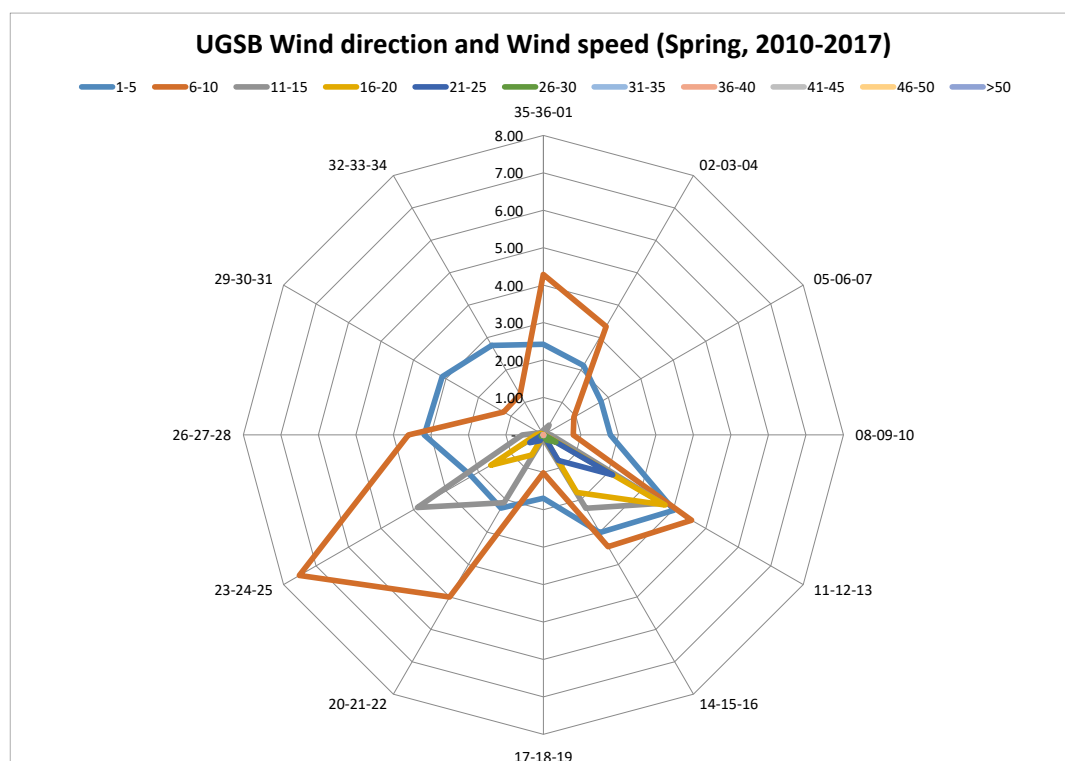
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

**FREQUENCIES (PERCENT) 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													3.20
VARIABLE	3.43	0.20	0.01	-	-	-	-	-	-	-	-	-	3.64
35-36-01	2.42	4.29	0.13	-	-	-	-	-	-	-	-	-	6.84
02-03-04	2.14	3.35	0.30	-	-	-	-	-	-	-	-	-	5.79
05-06-07	1.78	0.94	0.05	-	-	-	-	-	-	-	-	-	2.77
08-09-10	1.78	0.80	0.21	0.03	0.00	-	-	-	-	-	-	-	2.82
11-12-13	4.02	4.57	3.66	3.75	2.14	0.38	0.01	0.00	-	-	-	-	18.53
14-15-16	3.01	3.45	2.27	1.78	0.79	0.16	0.02	-	-	-	-	-	11.47
17-18-19	1.69	1.01	0.09	0.01	-	-	-	-	-	-	-	-	2.81
20-21-22	2.26	5.00	2.09	0.62	0.18	0.03	0.01	-	-	-	-	-	10.21
23-24-25	2.21	7.51	3.88	1.62	0.42	0.07	0.01	-	-	-	-	-	15.72
26-27-28	3.18	3.60	0.56	0.20	0.04	0.01	-	-	-	-	-	-	7.58
29-30-31	3.11	1.22	0.11	0.08	0.02	0.01	-	-	-	-	-	-	4.56
32-33-34	2.76	1.24	0.07	0.01	-	-	0.00	-	-	-	-	-	4.09
TOTAL	33.81	37.17	13.42	8.10	3.58	0.66	0.06	0.004	-	-	-	-	100



**CALM**  
3.20%

**VARIABLE**  
3.64%

The prevailing wind directions of 110°-160° frequency of occurrence is 30% and that of 200°-250° directions is 25.93%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 70.98%).

The maximum wind of 36-40 knots is observed within the 110°-130° sector (frequency of occurrence 0.004%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

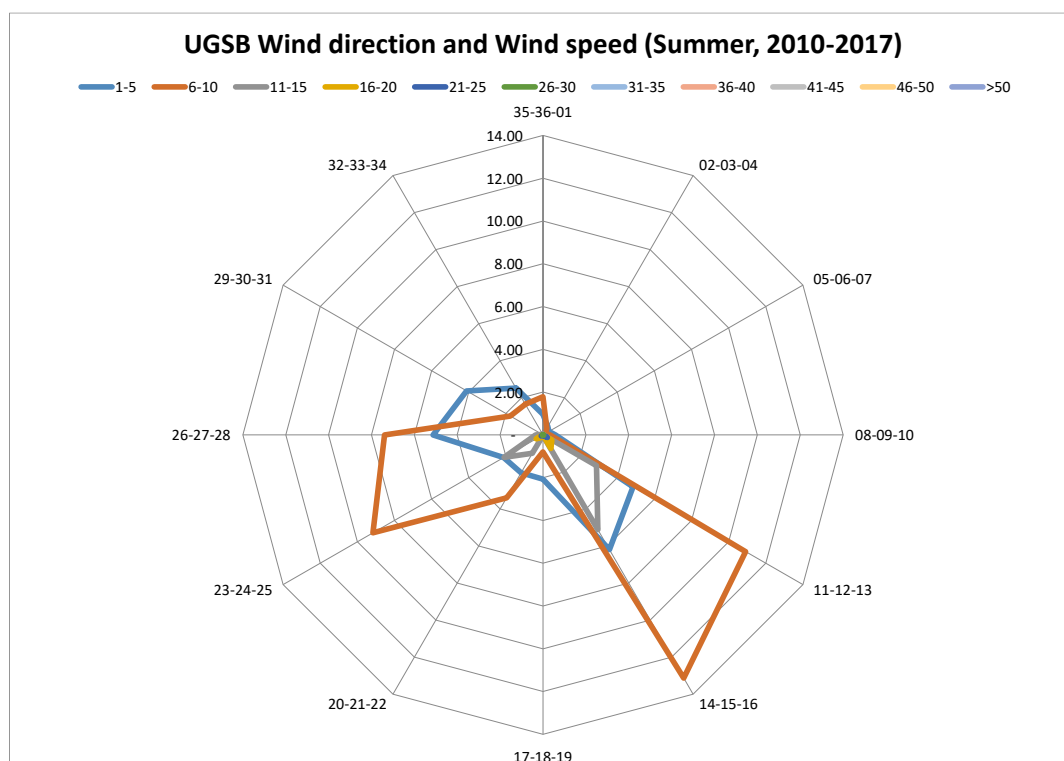
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.72
VARIABLE	2.06	0.09	0.00	-	-	-	-	-	-	-	-	2.15
35-36-01	0.96	1.79	0.02	-	-	0.00	-	-	-	-	-	2.77
02-03-04	0.45	0.35	0.02	-	-	-	-	-	-	-	-	0.81
05-06-07	0.32	0.14	0.02	-	-	-	-	-	-	-	-	0.49
08-09-10	0.58	0.33	0.03	-	-	-	-	-	-	-	-	0.94
11-12-13	4.85	10.92	2.88	0.47	0.23	0.03	-	-	-	-	-	19.39
14-15-16	6.19	13.13	5.12	0.74	0.04	0.01	-	-	-	-	-	25.24
17-18-19	2.07	0.80	0.03	-	-	-	-	-	-	-	-	2.89
20-21-22	2.04	3.40	1.00	0.14	0.03	0.01	0.00	-	-	-	-	6.63
23-24-25	2.12	9.16	2.10	0.37	0.09	0.02	-	-	-	-	-	13.87
26-27-28	5.13	7.39	0.34	0.03	0.01	-	-	-	-	-	-	12.90
29-30-31	4.11	1.77	0.05	0.01	0.00	0.01	-	-	-	-	-	5.95
32-33-34	2.52	1.65	0.05	0.01	0.00	-	-	-	-	-	-	4.23
TOTAL	33.43	50.91	11.66	1.76	0.42	0.09	0.003	-	-	-	-	100.00



**CALM**  
1.72%

**VARIABLE**  
2.15%

The prevailing wind directions of 110°-160° frequency of occurrence is 44.63%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 84.34 %).

The maximum wind of 31-35 knots is observed within the 200°-220° sector (frequency of occurrence 0.003%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30576

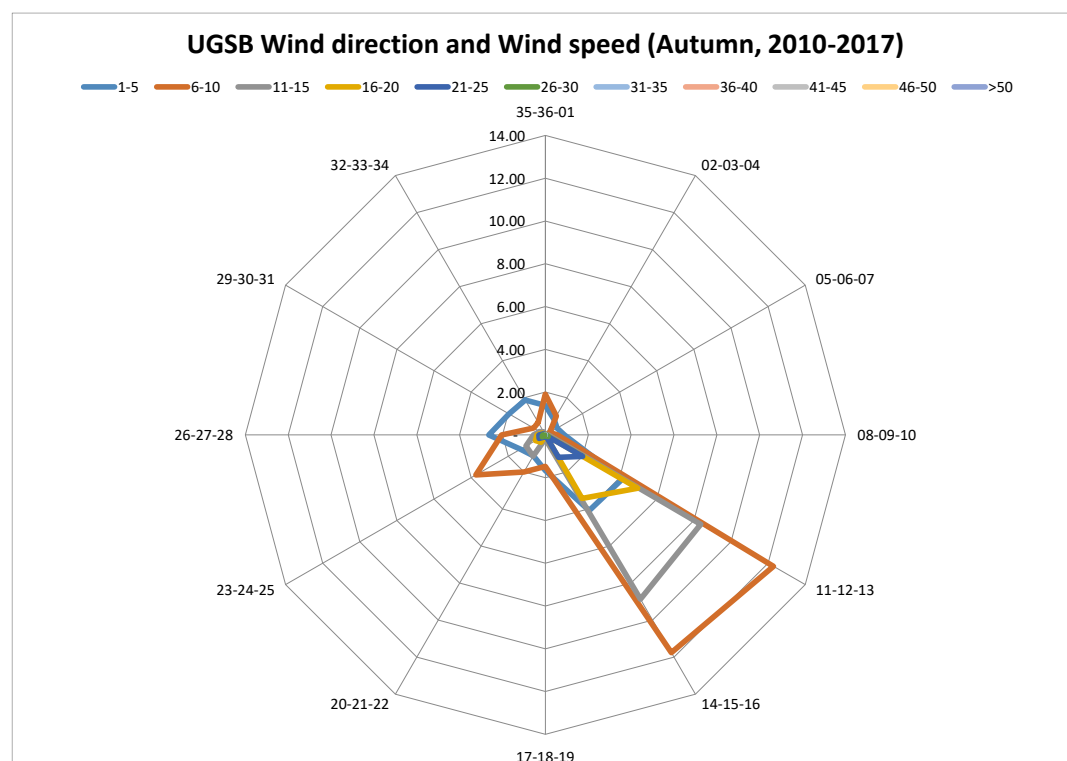
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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												1.51
VARIABLE	1.95	0.19	0.01	-	-	-	-	-	-	-	-	2.15
35-36-01	1.38	1.90	0.04	0.00	0.00	-	-	-	-	-	-	3.33
02-03-04	0.82	1.02	0.04	0.00	-	-	-	-	-	-	-	1.87
05-06-07	0.63	0.23	0.02	-	-	-	-	-	-	-	-	0.88
08-09-10	0.89	0.56	0.13	0.02	-	-	-	-	-	-	-	1.61
11-12-13	4.14	12.29	8.37	4.98	2.00	0.15	-	-	-	-	-	31.94
14-15-16	4.09	11.75	8.87	3.43	1.22	0.03	-	-	-	-	-	29.38
17-18-19	1.66	1.47	0.19	0.01	-	-	-	-	-	-	-	3.33
20-21-22	1.12	2.01	1.15	0.40	0.12	0.02	0.01	-	-	-	-	4.83
23-24-25	1.34	3.75	1.04	0.53	0.34	0.17	0.02	-	-	-	-	7.18
26-27-28	2.63	2.04	0.55	0.39	0.30	0.12	0.00	-	-	-	-	6.04
29-30-31	1.96	0.63	0.31	0.17	0.10	0.02	-	-	-	-	-	3.20
32-33-34	1.88	0.67	0.15	0.04	0.02	0.00	-	-	-	-	-	2.76
TOTAL	24.51	38.51	20.86	9.97	4.10	0.51	0.03	-	-	-	-	100



The prevailing wind directions of 110°-160° frequency of occurrence is 61.32%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze according to "Beaufort wind force scale" (frequency of occurrence 63.02%).

The maximum wind of 31-35 knots is observed within the 200°-220° (frequency of occurrence 0.01%), 230°-250° (frequency of occurrence 0.02%) and within 260°-280° (frequency of occurrence 0.002%) sectors.

## WIND GUST SPEED AND DIRECTION PER SEASON

### AERONAUTICAL CLIMATOLOGY

#### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30336

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

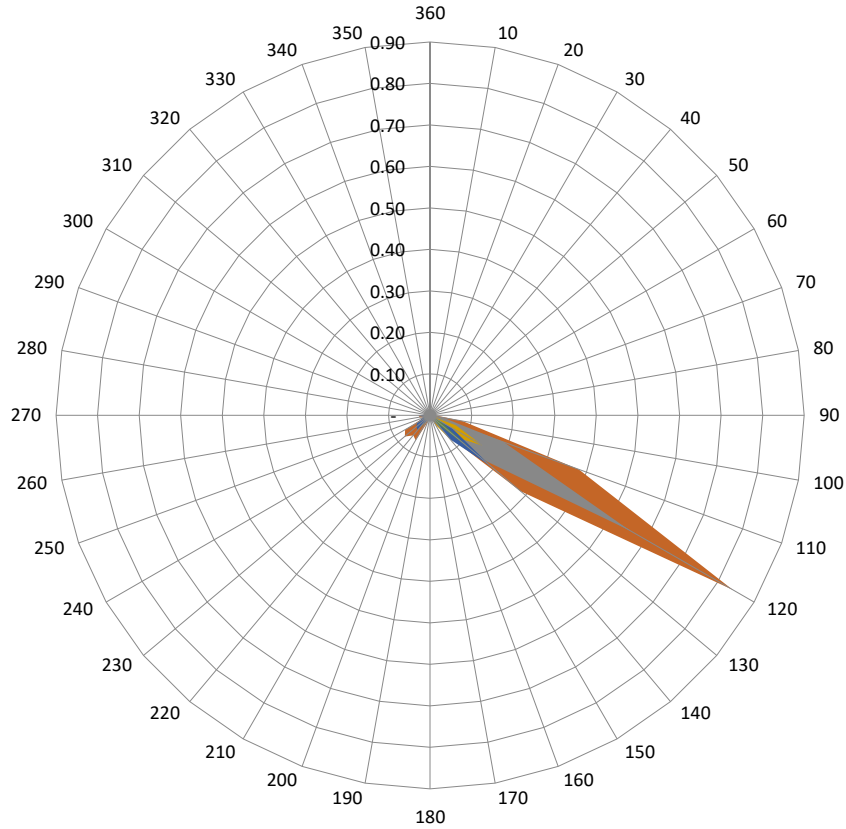
ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	0.00	-	-	-	-	-	-	-	0.00
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	0.00	-	-	-	-	-	-	-	0.00
40	-	-	-	-	-	-	-	-	-	-
50	-	0.01	-	-	-	-	-	-	-	0.01
60	-	0.02	0.01	0.01	-	-	-	-	-	0.03
70	-	0.00	0.00	-	-	-	-	-	-	0.01
80	-	-	0.00	-	-	-	-	-	-	0.00
90	-	0.01	-	0.00	-	-	-	-	-	0.02
100	-	0.08	0.03	0.01	-	-	-	-	-	0.12
110	-	0.38	0.19	0.06	0.00	-	-	-	-	0.64
120	-	0.84	0.56	0.15	0.06	0.03	0.02	-	-	1.64
130	0.00	0.28	0.17	0.08	0.19	0.13	0.01	-	-	0.86
140	-	0.06	0.04	0.07	0.08	0.02	-	-	-	0.27
150	-	0.01	0.02	0.03	0.01	0.00	-	-	-	0.07
160	-	0.01	0.00	0.00	0.01	-	-	-	-	0.02
170	-	0.00	0.01	-	-	-	-	-	-	0.01
180	-	0.01	0.00	0.00	-	-	-	-	-	0.02
190	-	0.00	0.00	0.00	0.00	-	-	-	-	0.01
200	0.00	0.02	-	0.01	-	-	-	-	-	0.03
210	-	0.07	0.02	0.02	0.01	0.01	-	-	-	0.13
220	-	0.06	0.04	0.04	0.05	0.01	0.00	-	-	0.20
230	-	0.08	0.03	0.03	0.04	0.02	-	-	-	0.20
240	-	0.07	0.02	0.03	0.04	0.02	-	-	-	0.17
250	-	0.02	0.02	0.01	0.02	0.01	-	-	-	0.07
260	-	0.03	0.01	0.01	0.02	0.00	0.01	0.00	-	0.07
270	-	0.03	0.01	0.01	0.03	0.02	0.01	-	-	0.10
280	-	0.00	0.01	-	0.01	0.01	0.01	-	-	0.04
290	-	0.00	-	0.01	0.00	0.01	0.00	-	-	0.03
300	-	0.01	-	-	-	0.01	0.00	-	-	0.02
310	-	-	-	-	-	0.00	-	-	-	0.00
320	-	-	-	-	-	0.00	-	-	-	0.00
330	-	0.00	-	-	-	-	-	-	-	0.00
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	2.11	1.19	0.57	0.57	0.29	0.06	0.00	-	4.80



## UGSB Wind direction and Wind Gust speed (Winter, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



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

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.004%).

The direction of maximum wind gusts is 260°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

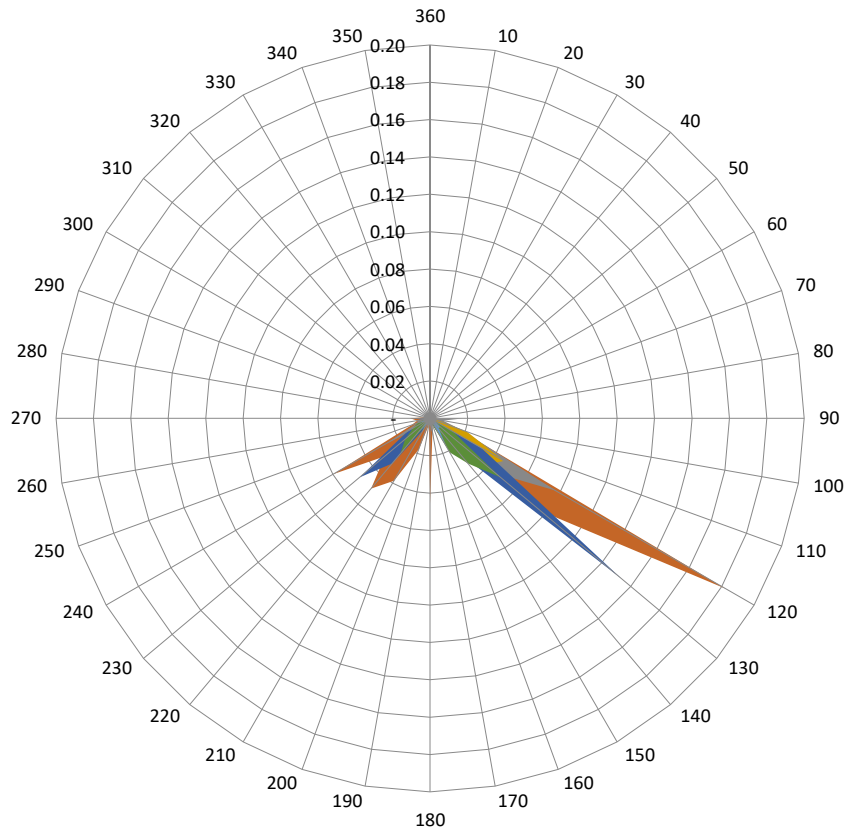
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	0.00	-	-	-	-	-	-	-	0.00
80	-	-	-	-	-	-	-	-	-	-
90	-	-	0.02	0.00	-	-	-	-	-	0.02
100	-	-	0.01	0.00	-	-	-	-	-	0.01
110	-	0.01	0.02	0.02	-	-	-	-	-	0.05
120	0.00	0.18	0.08	0.05	0.03	0.01	0.00	0.00	-	0.36
130	0.00	0.08	0.05	0.04	0.13	0.05	0.01	-	-	0.35
140	-	0.01	0.00	0.02	0.02	0.03	0.01	0.00	-	0.10
150	-	0.01	0.01	0.01	0.01	0.02	0.02	-	-	0.08
160	-	0.00	0.00	-	0.00	0.00	-	-	-	0.01
170	-	0.01	0.01	0.00	-	-	-	-	-	0.02
180	-	0.05	0.00	-	-	-	-	-	-	0.05
190	-	0.00	0.00	-	-	-	-	-	-	0.01
200	-	0.02	0.00	-	-	-	-	-	-	0.02
210	-	0.04	0.00	0.01	0.01	0.00	0.00	-	-	0.06
220	-	0.05	0.03	0.02	0.03	0.02	0.01	0.00	-	0.18
230	-	0.03	0.01	0.03	0.05	0.02	-	-	-	0.14
240	-	0.06	0.03	0.01	0.01	0.01	0.00	-	-	0.13
250	0.00	0.01	0.01	0.00	-	0.01	0.01	-	-	0.04
260	-	0.01	0.01	-	0.00	0.00	-	-	-	0.02
270	-	0.01	0.00	0.01	0.01	-	-	-	-	0.04
280	-	0.00	-	-	-	-	-	-	-	0.00
290	-	-	-	-	-	-	-	-	-	-
300	-	-	0.00	0.00	0.00	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.58	0.29	0.24	0.33	0.19	0.06	0.01	-	1.71

## UGSB Wind direction and Wind Gust speed (Spring, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



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

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.01%).

The directions of maximum wind gusts are  $120^\circ$ ,  $140^\circ$  and  $220^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

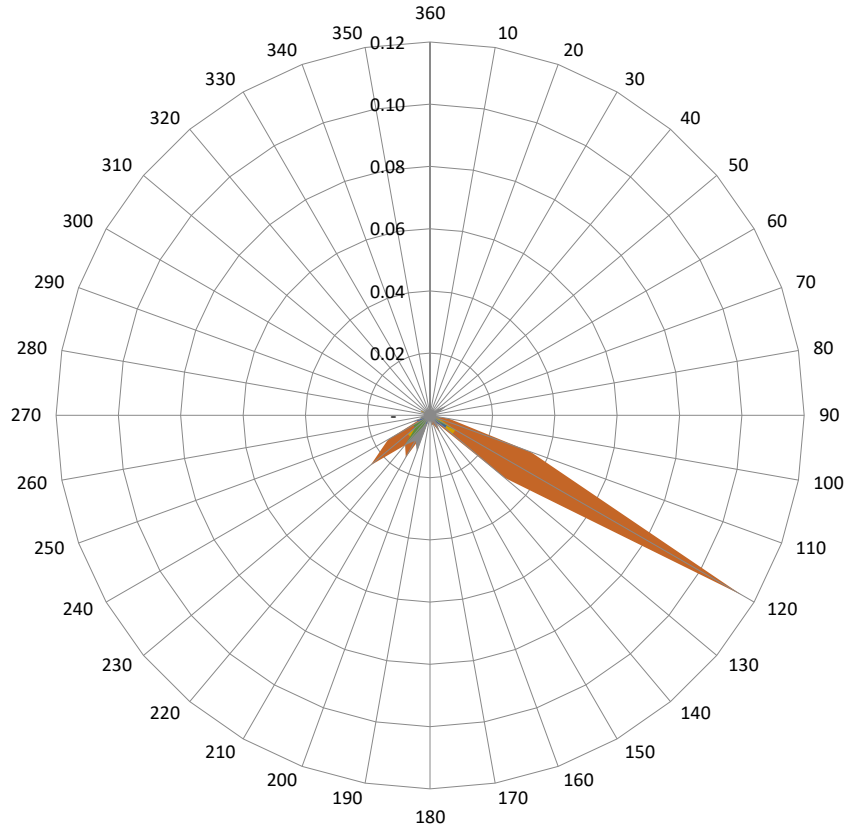
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	0.00	-	-	-	-	-	-	0.00
60	-	0.00	0.01	-	-	-	-	-	-	0.01
70	-	-	0.00	-	-	-	-	-	-	0.00
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.01	0.00	-	-	-	-	-	-	0.01
110	-	0.03	0.00	0.00	-	-	-	-	-	0.04
120	0.00	0.12	0.00	0.01	0.01	0.01	-	-	-	0.15
130	-	0.03	-	0.01	0.01	0.00	-	-	-	0.05
140	-	0.00	0.00	-	0.00	-	-	-	-	0.01
150	-	0.01	0.01	-	-	-	-	-	-	0.01
160	-	0.00	-	-	-	-	-	-	-	0.00
170	-	0.00	-	0.00	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	0.01	0.01	0.00	0.00	-	-	-	-	0.02
210	-	0.02	0.01	-	0.00	0.00	-	-	-	0.03
220	-	0.01	0.01	0.01	-	0.01	-	-	-	0.05
230	-	0.02	0.01	0.01	0.01	0.01	-	-	-	0.06
240	-	0.02	-	0.00	0.00	0.01	-	-	-	0.03
250	-	0.00	0.00	0.00	0.01	-	-	-	-	0.02
260	-	-	0.00	-	-	0.00	-	-	-	0.01
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	0.00	-	-	-	-	-	0.00
300	-	-	-	0.00	-	-	-	-	-	0.00
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.00	0.28	0.08	0.06	0.04	0.04	-	-	-	0.51

## UGSB Wind direction and Wind Gust speed (Summer, 2010-2017)

■ 11-15 ■ 16-20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41-45 ■ 46-50 ■ 51-55 ■ 56-60 ■ 61-65 ■ >65



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (36-40 knots) corresponds to the Gale according to “Beaufort wind force scale” (frequency of occurrence – 0.04%).

The directions of maximum wind gusts are 120°, 130°, 210°, 220°, 230°, 240° and 260°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL D

AERODROME: UGSB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30576

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

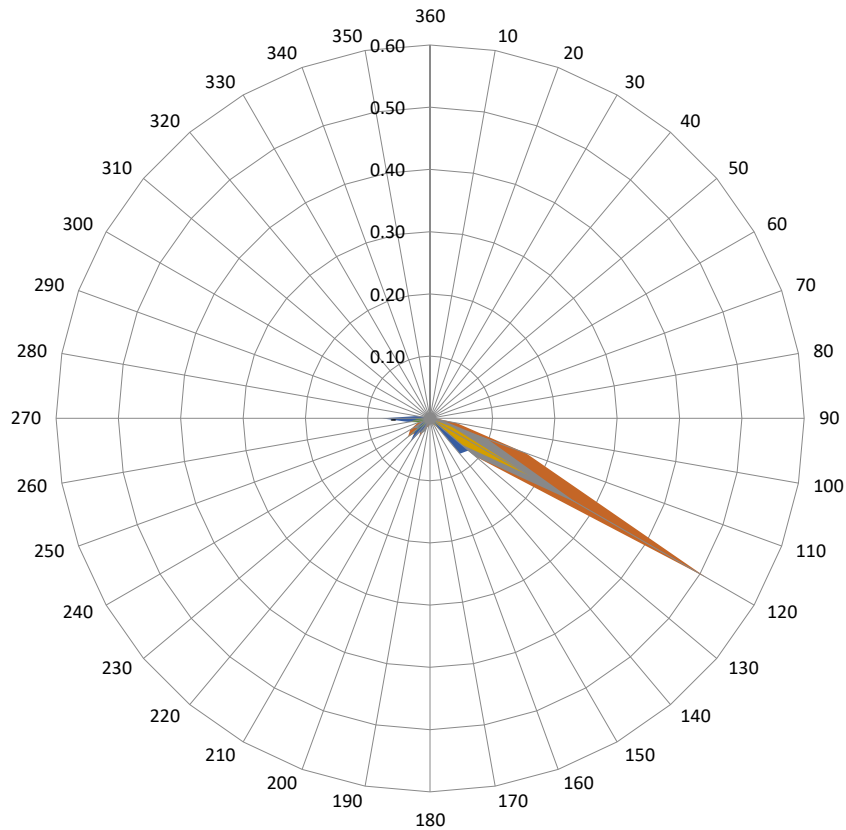
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) 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	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	0.00	0.00	-	-	-	-	-	-	0.01
70	-	-	-	-	-	-	-	-	-	-
80	-	0.00	0.01	-	-	-	-	-	-	0.01
90	-	0.01	0.01	-	-	-	-	-	-	0.02
100	-	0.04	0.02	0.00	-	-	-	-	-	0.07
110	0.00	0.16	0.10	0.03	-	-	-	-	-	0.30
120	0.01	0.51	0.27	0.19	0.01	0.01	-	-	-	0.99
130	-	0.10	0.10	0.06	0.08	0.02	-	-	-	0.36
140	-	0.01	0.02	0.02	0.07	0.01	-	-	-	0.13
150	-	0.01	0.01	0.01	-	-	-	-	-	0.03
160	-	-	0.01	-	-	-	-	-	-	0.01
170	-	-	-	-	-	-	-	-	-	-
180	-	0.01	0.01	-	-	-	-	-	-	0.02
190	-	0.01	-	-	-	-	-	-	-	0.01
200	-	0.02	0.02	0.01	0.00	-	-	-	-	0.05
210	-	0.03	0.03	0.01	0.02	0.01	-	-	-	0.10
220	-	0.02	0.03	0.02	0.05	0.01	0.01	-	-	0.14
230	-	0.05	0.02	0.04	0.03	0.06	0.01	-	-	0.21
240	-	0.04	0.03	0.01	0.02	0.01	0.00	-	-	0.10
250	-	0.02	0.01	0.01	0.01	0.02	-	-	-	0.07
260	-	0.02	0.01	0.01	0.03	0.03	0.01	-	-	0.11
270	-	0.00	0.01	0.05	0.08	0.02	-	-	-	0.16
280	-	0.00	0.01	0.01	0.02	0.00	0.01	-	-	0.05
290	-	-	-	-	0.01	0.00	-	-	-	0.01
300	-	-	-	-	0.00	0.00	-	-	-	0.01
310	-	0.00	0.00	0.00	-	-	-	-	-	0.01
320	-	-	-	-	-	-	-	-	-	-
330	-	0.00	-	0.00	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	0.00	-	-	-	0.00
TOTAL	0.01	1.08	0.73	0.50	0.42	0.19	0.03	-	-	2.97

## UGSB Wind direction and Wind Gust speed (Autumn, 2010-2017)

■ 11-15  
 ■ 16-20  
 ■ 21-25  
 ■ 26-30  
 ■ 31-35  
 ■ 36-40  
 ■ 41-45  
 ■ 46-50  
 ■ 51-55  
 ■ 56-60  
 ■ 61-65  
 ■ >65



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.03%.

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.03%).

The directions of maximum wind gusts are 220°, 230°, 240°, 260° and 280°.

# TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	5.58	20.93	53.49	17.21	2.79	-	-	-	-	-
0100	-	-	-	5.00	22.92	47.50	20.83	3.75	-	-	-	-	-
0200	-	-	-	5.07	24.42	50.23	17.97	2.30	-	-	-	-	-
0300	-	-	-	5.07	23.96	51.61	17.97	1.38	-	-	-	-	-
0400	-	-	-	4.49	22.86	48.16	22.04	2.45	-	-	-	-	-
0500	-	-	-	4.94	21.81	45.68	24.69	2.88	-	-	-	-	-
0600	-	-	-	2.82	17.34	50.81	26.21	2.82	-	-	-	-	-
0700	-	-	-	2.85	13.01	48.78	27.24	8.13	-	-	-	-	-
0800	-	-	-	2.49	11.62	39.83	35.68	9.13	1.24	-	-	-	-
0900	-	-	-	2.04	12.65	30.20	41.22	12.24	1.63	-	-	-	-
1000	-	-	-	1.22	11.79	32.11	39.02	11.79	4.07	-	-	-	-
1100	-	-	-	0.80	13.55	26.69	41.04	14.34	3.59	-	-	-	-
1200	-	-	-	1.22	12.65	27.35	41.22	14.29	3.27	-	-	-	-
1300	-	-	-	1.65	11.93	30.45	43.62	10.29	2.06	-	-	-	-
1400	-	-	-	2.06	14.40	37.45	37.45	7.82	0.82	-	-	-	-
1500	-	-	-	2.09	17.99	44.35	28.87	6.28	0.42	-	-	-	-
1600	-	-	0.41	2.48	20.25	41.74	29.34	5.37	0.41	-	-	-	-
1700	-	-	-	3.14	18.83	46.64	26.01	5.38	-	-	-	-	-
1800	-	-	-	3.27	19.16	48.60	25.23	3.74	-	-	-	-	-
1900	-	-	-	3.73	18.26	44.81	27.80	5.39	-	-	-	-	-
2000	-	-	-	4.74	18.01	50.71	21.80	4.74	-	-	-	-	-
2100	-	-	-	4.48	21.89	48.26	21.89	3.48	-	-	-	-	-
2200	-	-	-	3.72	23.26	45.12	23.72	4.19	-	-	-	-	-
2300	-	-	-	4.84	23.66	47.31	20.97	3.23	-	-	-	-	-
MEAN	-	-	0.02	3.32	18.21	43.25	28.29	6.18	0.73	-	-	-	-

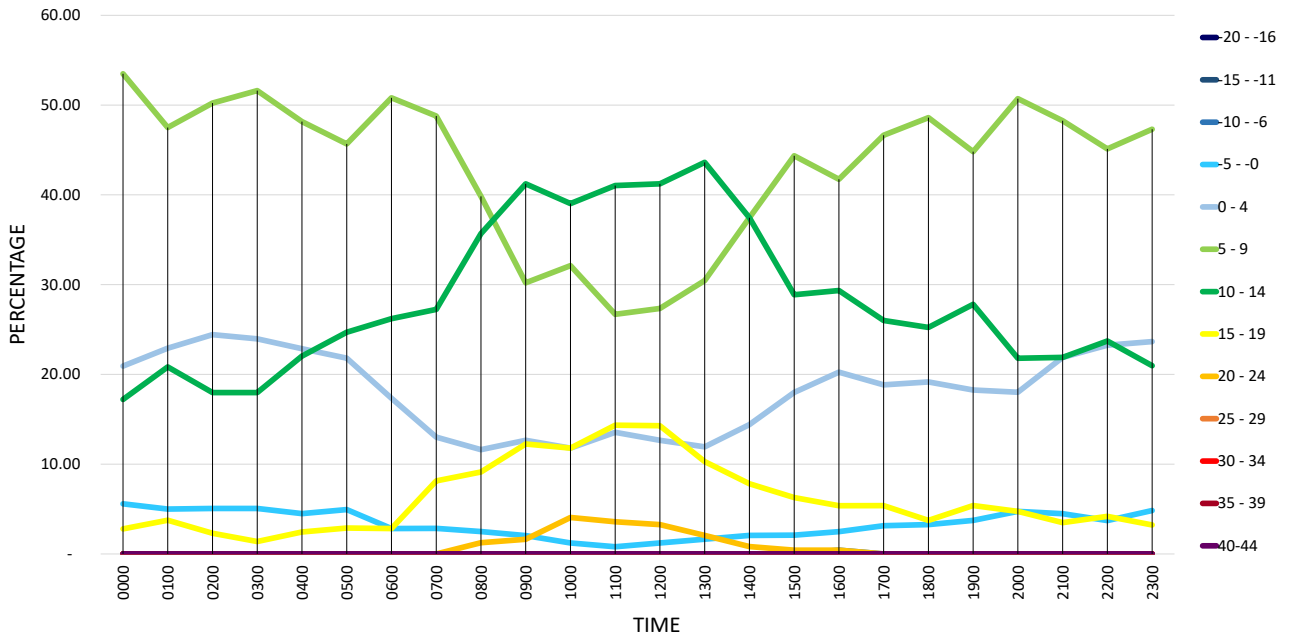
Min temperature -10° to -6° (time 1600 UTC) – 0.41%

Max temperature 20° to 24° (time 1000 UTC) – 4.07%

Mean dominating temperature 5° to 9° – 43.25%



UGSB - Temperature (January 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6096

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

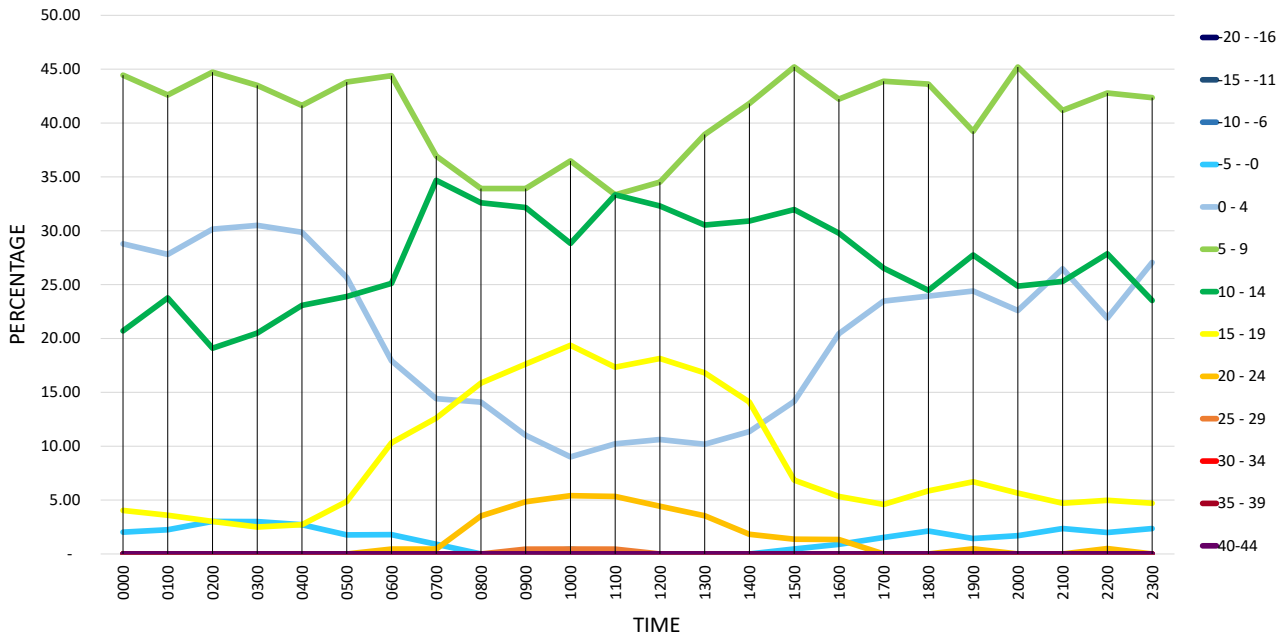
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	2.02	28.79	44.44	20.71	4.04	-	-	-	-	-
0100	-	-	-	2.24	27.80	42.60	23.77	3.59	-	-	-	-	-
0200	-	-	-	3.02	30.15	44.72	19.10	3.02	-	-	-	-	-
0300	-	-	-	3.00	30.50	43.50	20.50	2.50	-	-	-	-	-
0400	-	-	-	2.71	29.86	41.63	23.08	2.71	-	-	-	-	-
0500	-	-	-	1.77	25.66	43.81	23.89	4.87	-	-	-	-	-
0600	-	-	-	1.79	17.94	44.39	25.11	10.31	0.45	-	-	-	-
0700	-	-	-	0.90	14.41	36.94	34.68	12.61	0.45	-	-	-	-
0800	-	-	-	-	14.10	33.92	32.60	15.86	3.52	-	-	-	-
0900	-	-	-	-	11.01	33.92	32.16	17.62	4.85	0.44	-	-	-
1000	-	-	-	0.45	9.01	36.49	28.83	19.37	5.41	0.45	-	-	-
1100	-	-	-	-	10.22	33.33	33.33	17.33	5.33	0.44	-	-	-
1200	-	-	-	-	10.62	34.51	32.30	18.14	4.42	-	-	-	-
1300	-	-	-	-	10.18	38.94	30.53	16.81	3.54	-	-	-	-
1400	-	-	-	-	11.36	41.82	30.91	14.09	1.82	-	-	-	-
1500	-	-	-	0.46	14.16	45.21	31.96	6.85	1.37	-	-	-	-
1600	-	-	-	0.89	20.44	42.22	29.78	5.33	1.33	-	-	-	-
1700	-	-	-	1.53	23.47	43.88	26.53	4.59	-	-	-	-	-
1800	-	-	-	2.13	23.94	43.62	24.47	5.85	-	-	-	-	-
1900	-	-	-	1.44	24.40	39.23	27.75	6.70	0.48	-	-	-	-
2000	-	-	-	1.69	22.60	45.20	24.86	5.65	-	-	-	-	-
2100	-	-	-	2.35	26.47	41.18	25.29	4.71	-	-	-	-	-
2200	-	-	-	1.99	21.89	42.79	27.86	4.98	0.50	-	-	-	-
2300	-	-	-	2.35	27.06	42.35	23.53	4.71	-	-	-	-	-
MEAN	-	-	-	1.36	20.25	40.86	27.23	8.84	1.39	0.06	-	-	-

Min temperature -5° to -0° (time 1800 UTC) – 2.50%

Max temperature 25° to 29° (time 0200 UTC) – 3.02%

Mean dominating temperature 5° to 9° – 40.86%

UGSB - Temperature (February 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

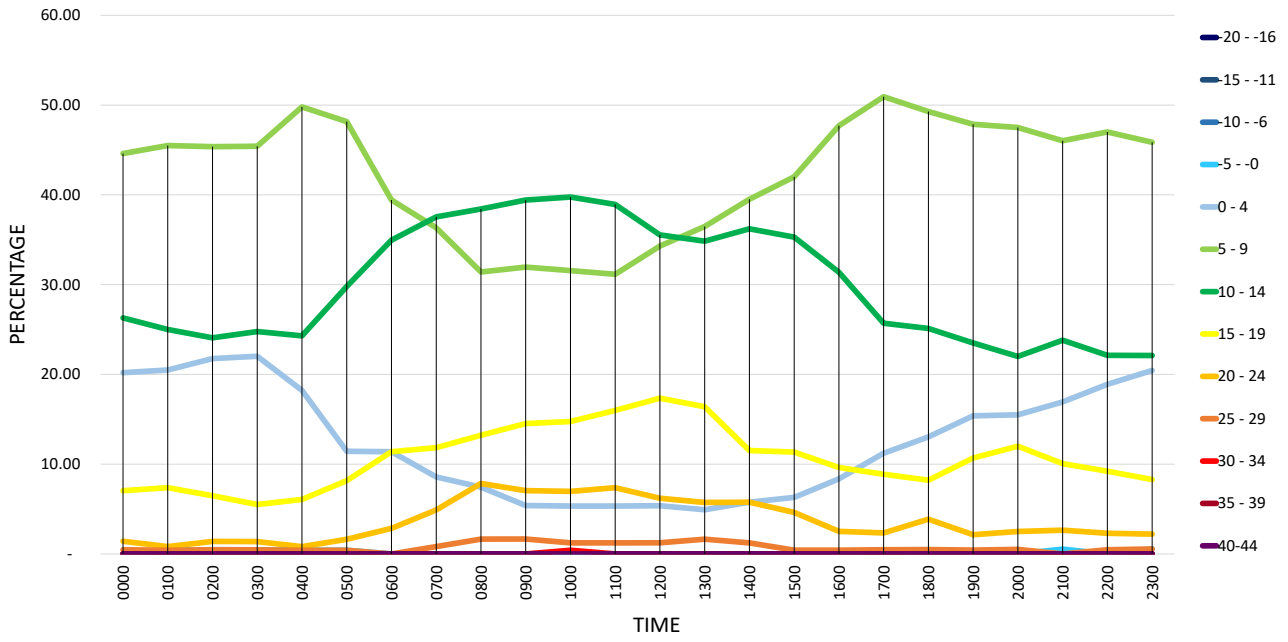
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	20.19	44.60	26.29	7.04	1.41	0.47	-	-	-
0100	-	-	-	0.41	20.49	45.49	25.00	7.38	0.82	0.41	-	-	-
0200	-	-	-	0.46	21.76	45.37	24.07	6.48	1.39	0.46	-	-	-
0300	-	-	-	0.46	22.02	45.41	24.77	5.50	1.38	0.46	-	-	-
0400	-	-	-	0.40	18.22	49.80	24.29	6.07	0.81	0.40	-	-	-
0500	-	-	-	0.41	11.43	48.16	29.80	8.16	1.63	0.41	-	-	-
0600	-	-	-	-	11.38	39.43	34.96	11.38	2.85	-	-	-	-
0700	-	-	-	-	8.57	36.33	37.55	11.84	4.90	0.82	-	-	-
0800	-	-	-	-	7.44	31.40	38.43	13.22	7.85	1.65	-	-	-
0900	-	-	-	-	5.39	31.95	39.42	14.52	7.05	1.66	-	-	-
1000	-	-	-	-	5.33	31.56	39.75	14.75	6.97	1.23	0.41	-	-
1100	-	-	-	-	5.33	31.15	38.93	15.98	7.38	1.23	-	-	-
1200	-	-	-	-	5.37	34.30	35.54	17.36	6.20	1.24	-	-	-
1300	-	-	-	-	4.92	36.48	34.84	16.39	5.74	1.64	-	-	-
1400	-	-	-	-	5.76	39.51	36.21	11.52	5.76	1.23	-	-	-
1500	-	-	-	-	6.30	42.02	35.29	11.34	4.62	0.42	-	-	-
1600	-	-	-	-	8.37	47.70	31.38	9.62	2.51	0.42	-	-	-
1700	-	-	-	0.47	11.21	50.93	25.70	8.88	2.34	0.47	-	-	-
1800	-	-	-	-	13.04	49.28	25.12	8.21	3.86	0.48	-	-	-
1900	-	-	-	-	15.38	47.86	23.50	10.68	2.14	0.43	-	-	-
2000	-	-	-	-	15.50	47.50	22.00	12.00	2.50	0.50	-	-	-
2100	-	-	-	0.53	16.93	46.03	23.81	10.05	2.65	-	-	-	-
2200	-	-	-	-	18.89	47.00	22.12	9.22	2.30	0.46	-	-	-
2300	-	-	-	0.55	20.44	45.86	22.10	8.29	2.21	0.55	-	-	-
MEAN	-	-	-	0.15	12.49	42.30	30.04	10.66	3.64	0.71	0.02	-	-

Min temperature -5° to -0° (time 2300 UTC) – 0.66%

Max temperature 30° to 34° (time 2300 UTC) – 0.55%

Mean dominating temperature 5° to 9° – 42.30%

UGSB - Temperature (March 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

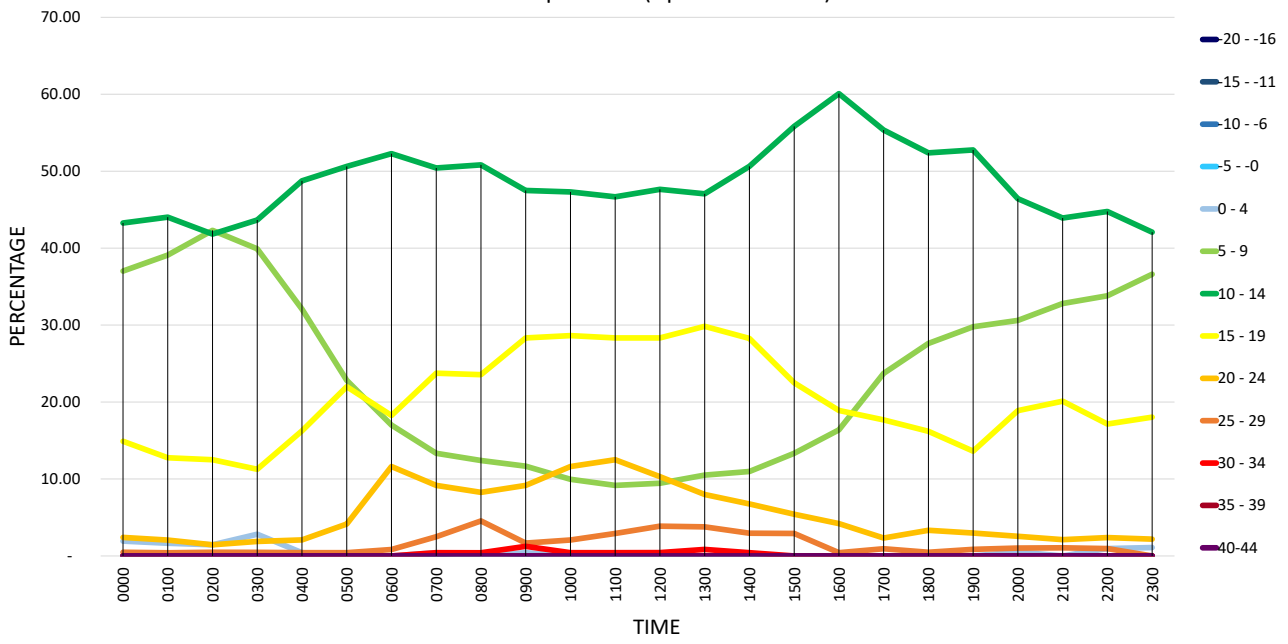
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	1.92	37.02	43.27	14.90	2.40	0.48	-	-	-
0100	-	-	-	-	1.65	39.09	44.03	12.76	2.06	0.41	-	-	-
0200	-	-	-	-	1.44	42.31	41.83	12.50	1.44	0.48	-	-	-
0300	-	-	-	-	2.82	39.91	43.66	11.27	1.88	0.47	-	-	-
0400	-	-	-	-	0.42	32.08	48.75	16.25	2.08	0.42	-	-	-
0500	-	-	-	-	-	22.82	50.62	21.99	4.15	0.41	-	-	-
0600	-	-	-	-	-	17.01	52.28	18.26	11.62	0.83	-	-	-
0700	-	-	-	-	0.42	13.33	50.42	23.75	9.17	2.50	0.42	-	-
0800	-	-	-	-	-	12.40	50.83	23.55	8.26	4.55	0.41	-	-
0900	-	-	-	-	0.42	11.67	47.50	28.33	9.17	1.67	1.25	-	-
1000	-	-	-	-	-	9.96	47.30	28.63	11.62	2.07	0.41	-	-
1100	-	-	-	-	-	9.17	46.67	28.33	12.50	2.92	0.42	-	-
1200	-	-	-	-	-	9.44	47.64	28.33	10.30	3.86	0.43	-	-
1300	-	-	-	-	-	10.50	47.06	29.83	7.98	3.78	0.84	-	-
1400	-	-	-	-	-	10.97	50.63	28.27	6.75	2.95	0.42	-	-
1500	-	-	-	-	-	13.33	55.83	22.50	5.42	2.92	-	-	-
1600	-	-	-	-	-	16.39	60.08	18.91	4.20	0.42	-	-	-
1700	-	-	-	-	-	23.72	55.35	17.67	2.33	0.93	-	-	-
1800	-	-	-	-	-	27.62	52.38	16.19	3.33	0.48	-	-	-
1900	-	-	-	-	-	29.79	52.77	13.62	2.98	0.85	-	-	-
2000	-	-	-	-	0.51	30.61	46.43	18.88	2.55	1.02	-	-	-
2100	-	-	-	-	-	32.80	43.92	20.11	2.12	1.06	-	-	-
2200	-	-	-	-	0.95	33.81	44.76	17.14	2.38	0.95	-	-	-
2300	-	-	-	-	1.09	36.61	42.08	18.03	2.19	-	-	-	-
MEAN	-	-	-	-	0.46	22.82	48.77	20.62	5.55	1.57	0.20	-	-

Min temperature 0° to 4° (time 0300 UTC) – 2.82%

Max temperature 30° to 34° (time 0900 UTC) – 1.25%

Mean dominating temperature 10° to 14° – 48.77%

### UGSB - Temperature (April 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	-	2.33	36.74	51.16	9.77	-	-	-	-
0100	-	-	-	-	-	1.22	41.22	50.61	6.94	-	-	-	-
0200	-	-	-	-	-	3.21	40.37	49.08	7.34	-	-	-	-
0300	-	-	-	-	-	0.90	35.75	57.01	6.33	-	-	-	-
0400	-	-	-	-	-	0.41	23.98	61.79	13.01	0.81	-	-	-
0500	-	-	-	-	-	-	16.94	54.84	26.21	2.02	-	-	-
0600	-	-	-	-	-	-	13.36	53.04	29.96	3.24	0.40	-	-
0700	-	-	-	-	-	0.40	11.74	49.39	34.82	2.83	0.81	-	-
0800	-	-	-	-	-	0.40	10.84	46.99	37.35	2.81	1.61	-	-
0900	-	-	-	-	-	0.41	8.98	44.49	40.82	3.27	1.63	0.41	-
1000	-	-	-	-	-	0.40	8.91	44.13	40.89	4.05	1.62	-	-
1100	-	-	-	-	-	-	8.13	43.09	43.90	2.03	2.85	-	-
1200	-	-	-	-	-	-	7.72	43.50	43.90	3.25	1.22	0.41	-
1300	-	-	-	-	-	-	7.76	47.76	40.00	2.45	1.63	0.41	-
1400	-	-	-	-	-	-	9.88	50.21	35.39	2.88	1.23	0.41	-
1500	-	-	-	-	-	-	11.67	54.17	31.25	1.67	1.25	-	-
1600	-	-	-	-	-	-	14.52	60.89	22.18	2.42	-	-	-
1700	-	-	-	-	-	-	22.73	59.55	17.27	0.45	-	-	-
1800	-	-	-	-	-	-	26.36	60.45	12.27	0.45	0.45	-	-
1900	-	-	-	-	-	0.41	28.98	60.41	8.57	1.22	0.41	-	-
2000	-	-	-	-	-	1.83	31.51	55.71	10.05	0.46	0.46	-	-
2100	-	-	-	-	-	1.35	32.29	56.50	8.97	0.90	-	-	-
2200	-	-	-	-	-	1.61	35.48	52.02	10.48	0.40	-	-	-
2300	-	-	-	-	-	2.70	32.88	54.50	9.91	-	-	-	-
MEAN	-	-	-	-	-	0.70	21.22	52.45	23.27	1.62	0.67	0.07	-

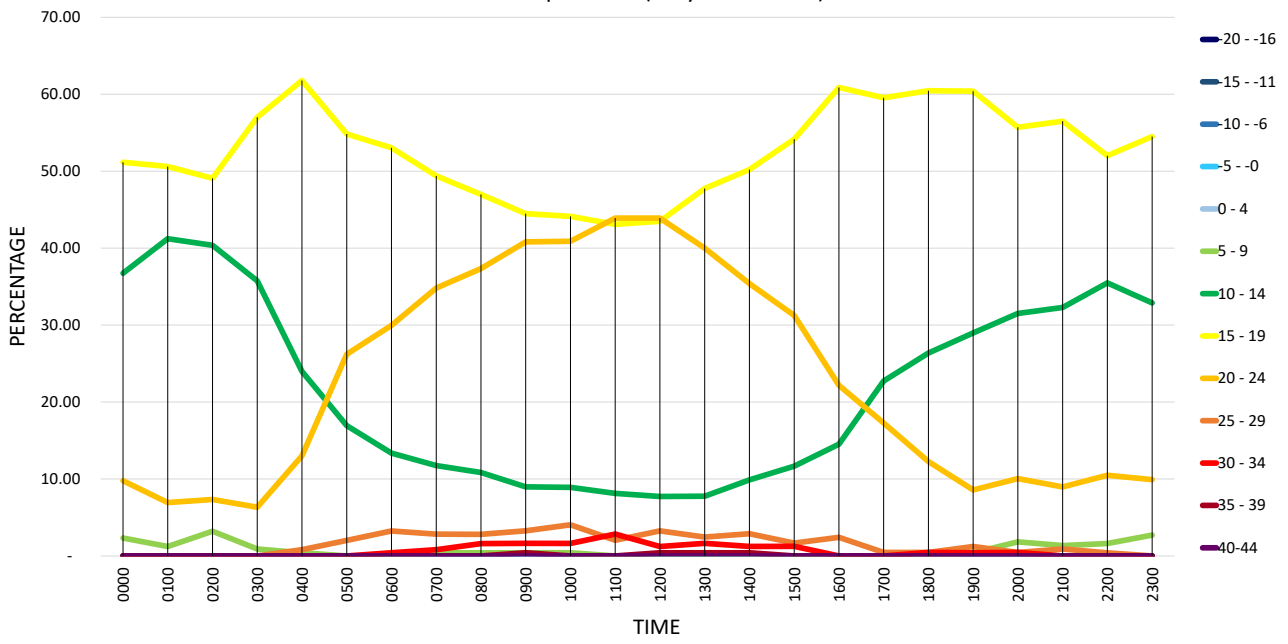
Min temperature 5° to 9° (time 0200 UTC) – 3.21%

Max temperature 35° to 39° (time 0900, 1300 and 1400 UTC) – each 0.41%

Mean dominating temperature 15° to 19° – 52.45%



UGSB - Temperature (May 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	-	-	-	68.75	30.77	0.48	-	-	-
0100	-	-	-	-	-	-	-	65.09	34.91	-	-	-	-
0200	-	-	-	-	-	-	-	70.75	29.25	-	-	-	-
0300	-	-	-	-	-	-	-	59.57	40.43	-	-	-	-
0400	-	-	-	-	-	-	-	31.09	65.13	3.78	-	-	-
0500	-	-	-	-	-	-	-	13.08	75.11	11.81	-	-	-
0600	-	-	-	-	-	-	-	7.08	75.00	17.92	-	-	-
0700	-	-	-	-	-	-	-	3.72	74.79	20.25	1.24	-	-
0800	-	-	-	-	-	-	-	4.17	68.33	26.25	1.25	-	-
0900	-	-	-	-	-	-	-	4.20	65.13	28.99	1.68	-	-
1000	-	-	-	-	-	-	-	4.22	62.03	32.49	0.84	0.42	-
1100	-	-	-	-	-	-	-	4.64	57.81	36.71	0.84	-	-
1200	-	-	-	-	-	-	-	5.91	55.70	37.55	0.42	0.42	-
1300	-	-	-	-	-	-	-	6.28	59.41	33.47	0.84	-	-
1400	-	-	-	-	-	-	-	6.69	60.67	31.38	0.84	0.42	-
1500	-	-	-	-	-	-	-	6.81	67.23	25.53	0.43	-	-
1600	-	-	-	-	-	-	-	10.46	72.38	17.15	-	-	-
1700	-	-	-	-	-	-	-	18.87	72.64	8.49	-	-	-
1800	-	-	-	-	-	-	-	40.48	55.24	4.29	-	-	-
1900	-	-	-	-	-	-	-	45.61	52.30	1.67	0.42	-	-
2000	-	-	-	-	-	-	-	55.14	43.46	1.40	-	-	-
2100	-	-	-	-	-	-	-	59.35	38.79	1.40	0.47	-	-
2200	-	-	-	-	-	-	-	57.26	41.08	1.66	-	-	-
2300	-	-	-	-	-	-	-	65.40	33.65	0.95	-	-	-
MEAN	-	-	-	-	-	-	-	28.87	55.93	14.74	0.40	0.05	-

Min temperature 15° to 19° (time 0200 UTC) – 70.75%

Max temperature 35° to 39° (time 1000, 1200 and 1400 UTC) – each 0.42%

Mean dominating temperature 20° to 24° – 55.93%

UGSB - Temperature (June 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

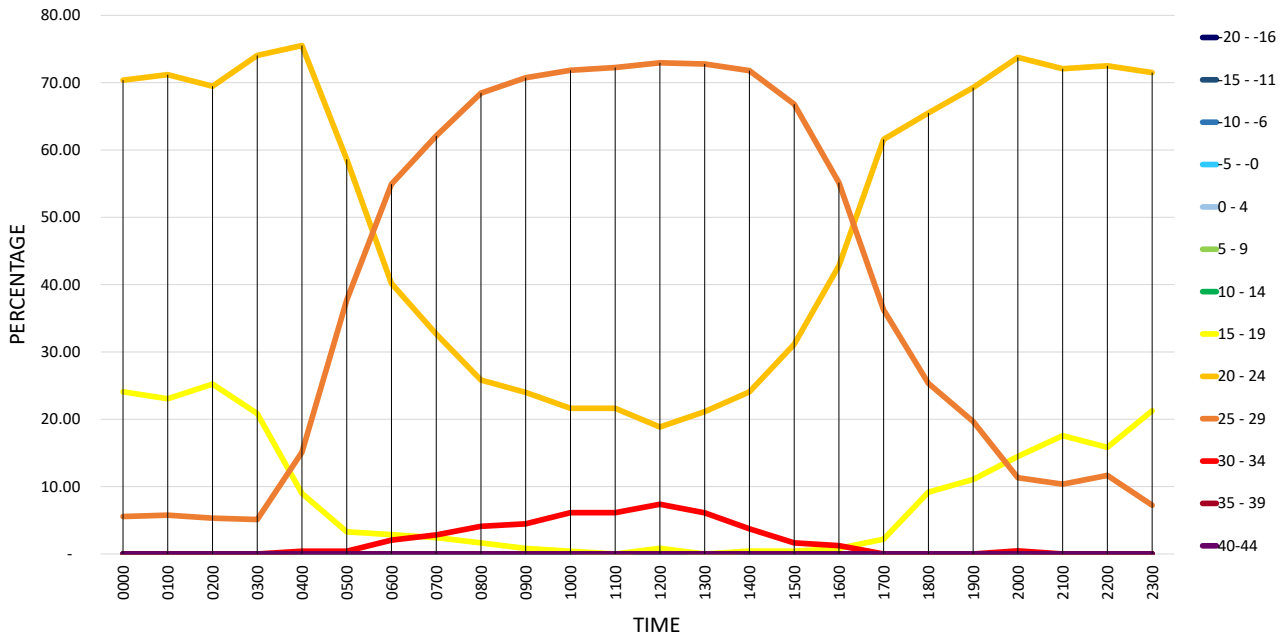
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	24.07	70.37	5.56	-	-	-
0100	-	-	-	-	-	-	-	23.05	71.19	5.76	-	-	-
0200	-	-	-	-	-	-	-	25.22	69.47	5.31	-	-	-
0300	-	-	-	-	-	-	-	20.85	74.04	5.11	-	-	-
0400	-	-	-	-	-	-	-	8.98	75.51	15.10	0.41	-	-
0500	-	-	-	-	-	-	-	3.28	58.61	37.70	0.41	-	-
0600	-	-	-	-	-	-	-	2.87	40.16	54.92	2.05	-	-
0700	-	-	-	-	-	-	-	2.42	32.66	62.10	2.82	-	-
0800	-	-	-	-	-	-	-	1.64	25.82	68.44	4.10	-	-
0900	-	-	-	-	-	-	-	0.81	23.98	70.73	4.47	-	-
1000	-	-	-	-	-	-	-	0.41	21.63	71.84	6.12	-	-
1100	-	-	-	-	-	-	-	-	21.63	72.24	6.12	-	-
1200	-	-	-	-	-	-	-	0.82	18.85	72.95	7.38	-	-
1300	-	-	-	-	-	-	-	-	21.14	72.76	6.10	-	-
1400	-	-	-	-	-	-	-	0.41	24.07	71.78	3.73	-	-
1500	-	-	-	-	-	-	-	0.41	31.15	66.80	1.64	-	-
1600	-	-	-	-	-	-	-	0.82	42.80	55.14	1.23	-	-
1700	-	-	-	-	-	-	-	2.18	61.57	36.24	-	-	-
1800	-	-	-	-	-	-	-	9.17	65.50	25.33	-	-	-
1900	-	-	-	-	-	-	-	11.07	69.26	19.67	-	-	-
2000	-	-	-	-	-	-	-	14.48	73.76	11.31	0.45	-	-
2100	-	-	-	-	-	-	-	17.57	72.07	10.36	-	-	-
2200	-	-	-	-	-	-	-	15.83	72.50	11.67	-	-	-
2300	-	-	-	-	-	-	-	21.27	71.49	7.24	-	-	-
MEAN	-	-	-	-	-	-	-	8.40	49.82	39.77	2.02	-	-

Min temperature 15° to 19° (time 0200 UTC) – 25.22%

Max temperature 30° to 34° (time 1200 UTC) – 7.38%

Mean dominating temperature 20° to 24° – 49.82%

UGSB - Temperature (July 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

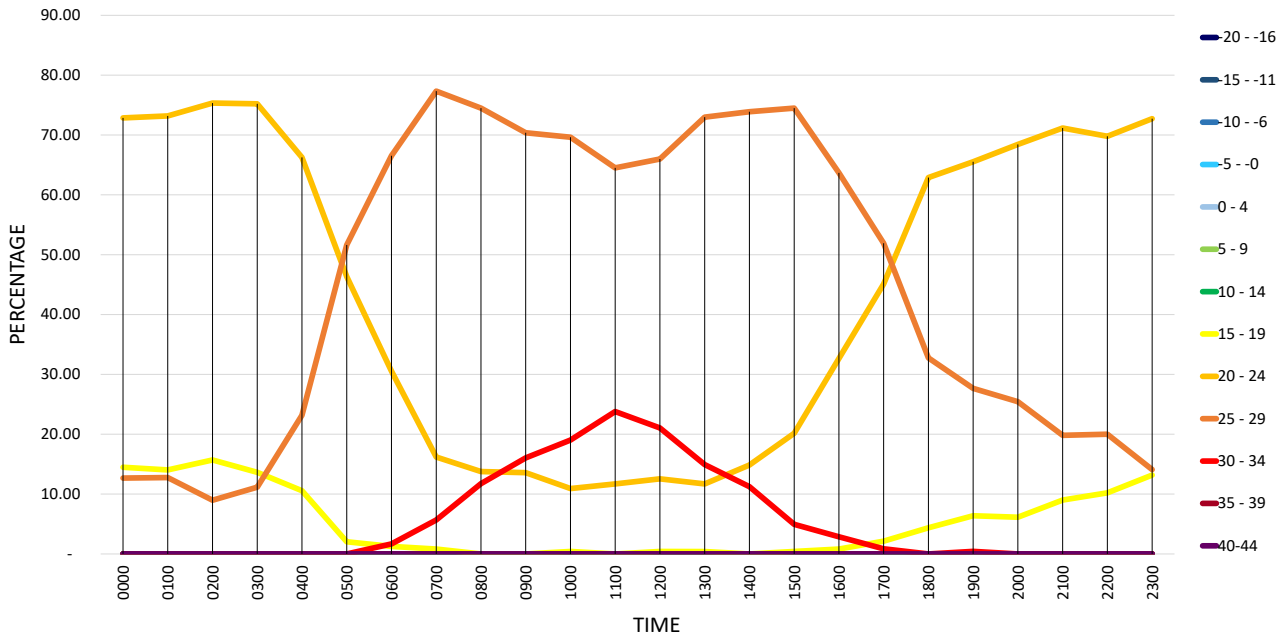
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	14.48	72.85	12.67	-	-	-
0100	-	-	-	-	-	-	-	14.04	73.19	12.77	-	-	-
0200	-	-	-	-	-	-	-	15.70	75.34	8.97	-	-	-
0300	-	-	-	-	-	-	-	13.64	75.21	11.16	-	-	-
0400	-	-	-	-	-	-	-	10.57	66.26	23.17	-	-	-
0500	-	-	-	-	-	-	-	2.03	46.34	51.63	-	-	-
0600	-	-	-	-	-	-	-	1.26	30.54	66.53	1.67	-	-
0700	-	-	-	-	-	-	-	0.81	16.19	77.33	5.67	-	-
0800	-	-	-	-	-	-	-	-	13.77	74.49	11.74	-	-
0900	-	-	-	-	-	-	-	-	13.58	70.37	16.05	-	-
1000	-	-	-	-	-	-	-	0.40	10.93	69.64	19.03	-	-
1100	-	-	-	-	-	-	-	-	11.69	64.52	23.79	-	-
1200	-	-	-	-	-	-	-	0.40	12.55	65.99	21.05	-	-
1300	-	-	-	-	-	-	-	0.40	11.69	72.98	14.92	-	-
1400	-	-	-	-	-	-	-	-	14.86	73.90	11.24	-	-
1500	-	-	-	-	-	-	-	0.41	20.16	74.49	4.94	-	-
1600	-	-	-	-	-	-	-	0.82	32.65	63.67	2.86	-	-
1700	-	-	-	-	-	-	-	2.13	45.11	51.91	0.85	-	-
1800	-	-	-	-	-	-	-	4.37	62.88	32.75	-	-	-
1900	-	-	-	-	-	-	-	6.38	65.53	27.66	0.43	-	-
2000	-	-	-	-	-	-	-	6.14	68.42	25.44	-	-	-
2100	-	-	-	-	-	-	-	9.01	71.17	19.82	-	-	-
2200	-	-	-	-	-	-	-	10.21	69.79	20.00	-	-	-
2300	-	-	-	-	-	-	-	13.18	72.73	14.09	-	-	-
MEAN	-	-	-	-	-	-	-	5.10	43.08	46.03	5.79	-	-

Min temperature 15° to 19° (time 0200 UTC) – 15.70%

Max temperature 30° to 34° (time 1100 UTC) – 23.79%

Mean dominating temperature 25° to 29° – 43.08%

### UGSB - Temperature (August 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	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
0000	-	-	-	-	-	-	5.09	44.44	49.54	0.93	-	-	-
0100	-	-	-	-	-	-	3.83	46.81	48.94	0.43	-	-	-
0200	-	-	-	-	-	-	6.05	52.09	40.93	0.93	-	-	-
0300	-	-	-	-	-	-	5.43	54.75	39.37	0.45	-	-	-
0400	-	-	-	-	-	-	4.64	42.62	52.32	0.42	-	-	-
0500	-	-	-	-	-	-	4.20	30.67	59.66	5.04	0.42	-	-
0600	-	-	-	-	-	-	2.11	18.99	57.81	20.68	0.42	-	-
0700	-	-	-	-	-	-	1.69	13.14	40.68	43.64	0.42	0.42	-
0800	-	-	-	-	-	-	1.26	12.18	34.45	50.84	0.84	0.42	-
0900	-	-	-	-	-	-	0.84	9.70	33.33	55.27	0.84	-	-
1000	-	-	-	-	-	-	0.42	10.17	28.81	59.32	1.27	-	-
1100	-	-	-	-	-	-	0.42	10.08	26.89	61.34	1.26	-	-
1200	-	-	-	-	-	-	0.42	10.13	28.69	59.49	1.27	-	-
1300	-	-	-	-	-	-	0.84	11.76	28.57	57.56	1.26	-	-
1400	-	-	-	-	-	-	1.28	10.64	37.87	49.36	0.85	-	-
1500	-	-	-	-	-	-	1.28	13.25	50.00	35.47	-	-	-
1600	-	-	-	-	-	-	2.10	22.69	63.45	11.76	-	-	-
1700	-	-	-	-	-	-	2.98	29.79	61.28	5.96	-	-	-
1800	-	-	-	-	-	-	3.67	34.40	60.55	1.38	-	-	-
1900	-	-	-	-	-	-	3.36	34.03	60.50	2.10	-	-	-
2000	-	-	-	-	-	-	4.48	34.98	60.09	0.45	-	-	-
2100	-	-	-	-	-	-	5.14	37.85	57.01	-	-	-	-
2200	-	-	-	-	-	-	4.64	40.51	54.01	0.84	-	-	-
2300	-	-	-	-	-	-	5.07	44.24	48.85	1.84	-	-	-
MEAN	-	-	-	-	-	-	2.92	27.54	46.72	22.40	0.38	0.04	-

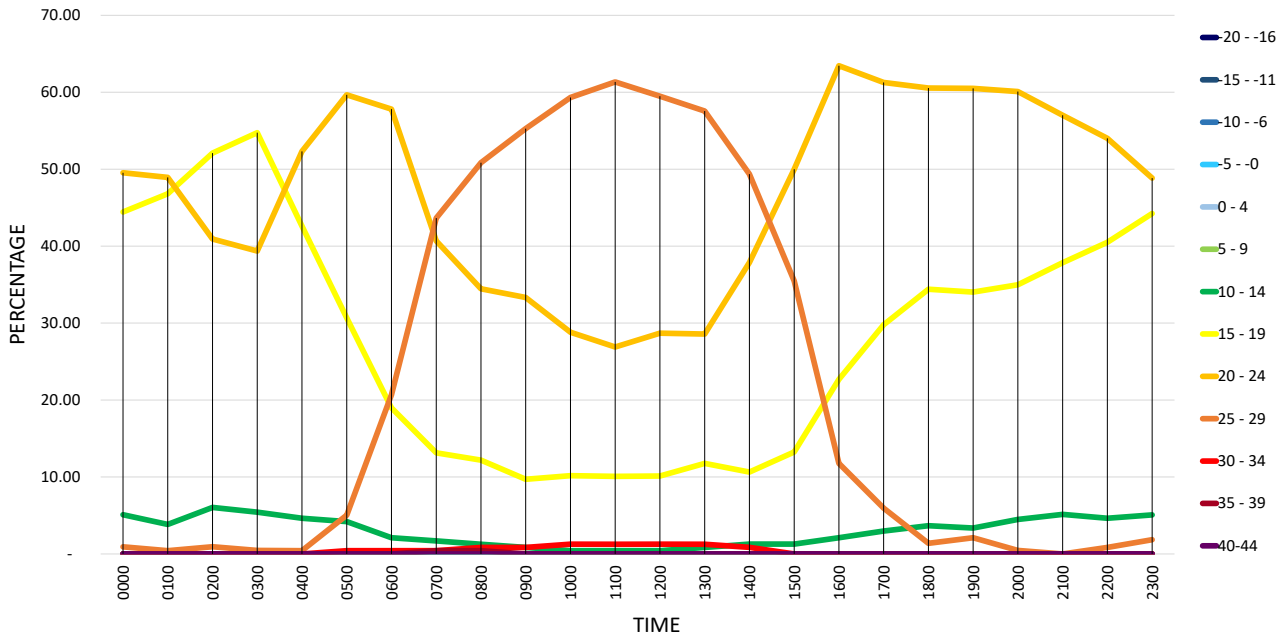
Min temperature 10° to 14° (time 0600 UTC) – 6.05%

Max temperature 35° to 39° (time 0700, 0800 UTC) – 0.42%

Mean dominating temperature 20° to 24° – 46.72%



UGSB - Temperature (September 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

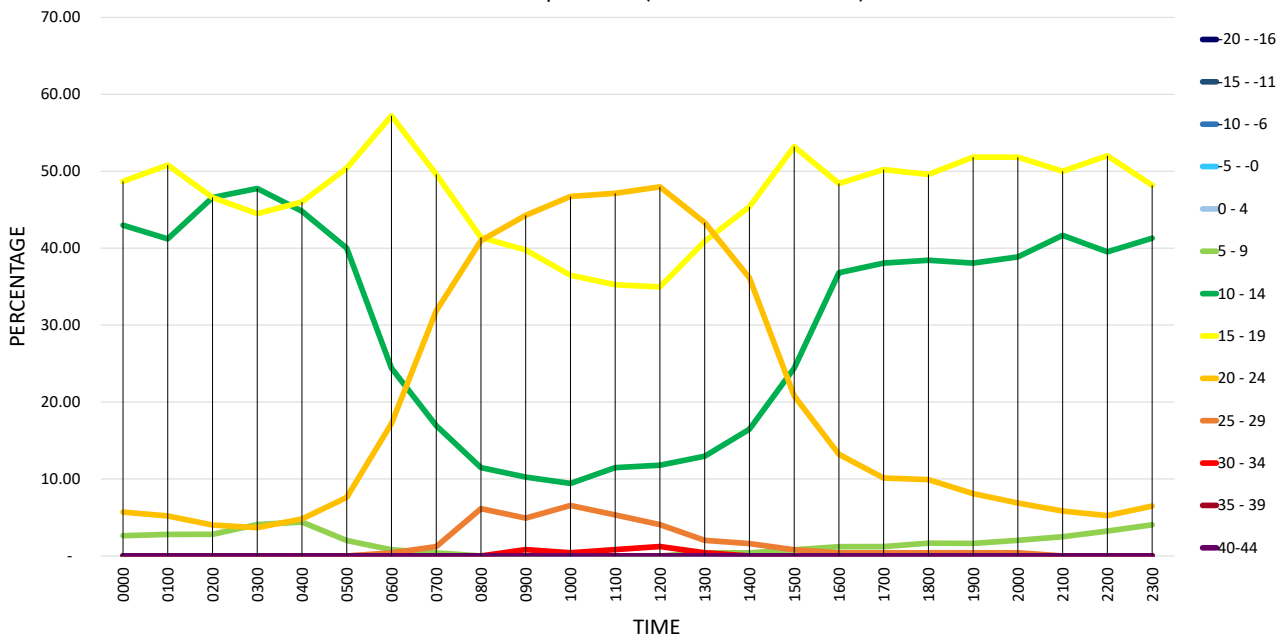
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	2.63	42.98	48.68	5.70	-	-	-	-
0100	-	-	-	-	-	2.80	41.20	50.80	5.20	-	-	-	-
0200	-	-	-	-	-	2.81	46.59	46.59	4.02	-	-	-	-
0300	-	-	-	-	-	4.08	47.76	44.49	3.67	-	-	-	-
0400	-	-	-	-	-	4.40	44.80	46.00	4.80	-	-	-	-
0500	-	-	-	-	-	2.00	40.00	50.40	7.60	-	-	-	-
0600	-	-	-	-	-	0.80	24.40	57.20	17.20	0.40	-	-	-
0700	-	-	-	-	-	0.40	16.94	49.60	31.85	1.21	-	-	-
0800	-	-	-	-	-	-	11.48	41.39	40.98	6.15	-	-	-
0900	-	-	-	-	-	-	10.25	39.75	44.26	4.92	0.82	-	-
1000	-	-	-	-	-	0.41	9.43	36.48	46.72	6.56	0.41	-	-
1100	-	-	-	-	-	-	11.48	35.25	47.13	5.33	0.82	-	-
1200	-	-	-	-	-	-	11.79	34.96	47.97	4.07	1.22	-	-
1300	-	-	-	-	-	0.40	12.96	40.89	43.32	2.02	0.40	-	-
1400	-	-	-	-	-	0.40	16.47	45.38	36.14	1.61	-	-	-
1500	-	-	-	-	-	0.80	24.40	53.20	20.80	0.80	-	-	-
1600	-	-	-	-	-	1.20	36.80	48.40	13.20	0.40	-	-	-
1700	-	-	-	-	-	1.21	38.06	50.20	10.12	0.40	-	-	-
1800	-	-	-	-	-	1.65	38.43	49.59	9.92	0.41	-	-	-
1900	-	-	-	-	-	1.62	38.06	51.82	8.10	0.40	-	-	-
2000	-	-	-	-	-	2.02	38.87	51.82	6.88	0.40	-	-	-
2100	-	-	-	-	-	2.50	41.67	50.00	5.83	-	-	-	-
2200	-	-	-	-	-	3.23	39.52	52.02	5.24	-	-	-	-
2300	-	-	-	-	-	4.05	41.30	48.18	6.48	-	-	-	-
MEAN	-	-	-	-	-	1.64	30.22	46.82	19.71	1.46	0.15	-	-

Min temperature 5° to 9° (time 0400 UTC) – 4.40%

Max temperature 30° to 34° (time 1200 UTC) – 1.22%

Mean dominating temperature 15° to 19° – 46.82%

UGSB - Temperature (October 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

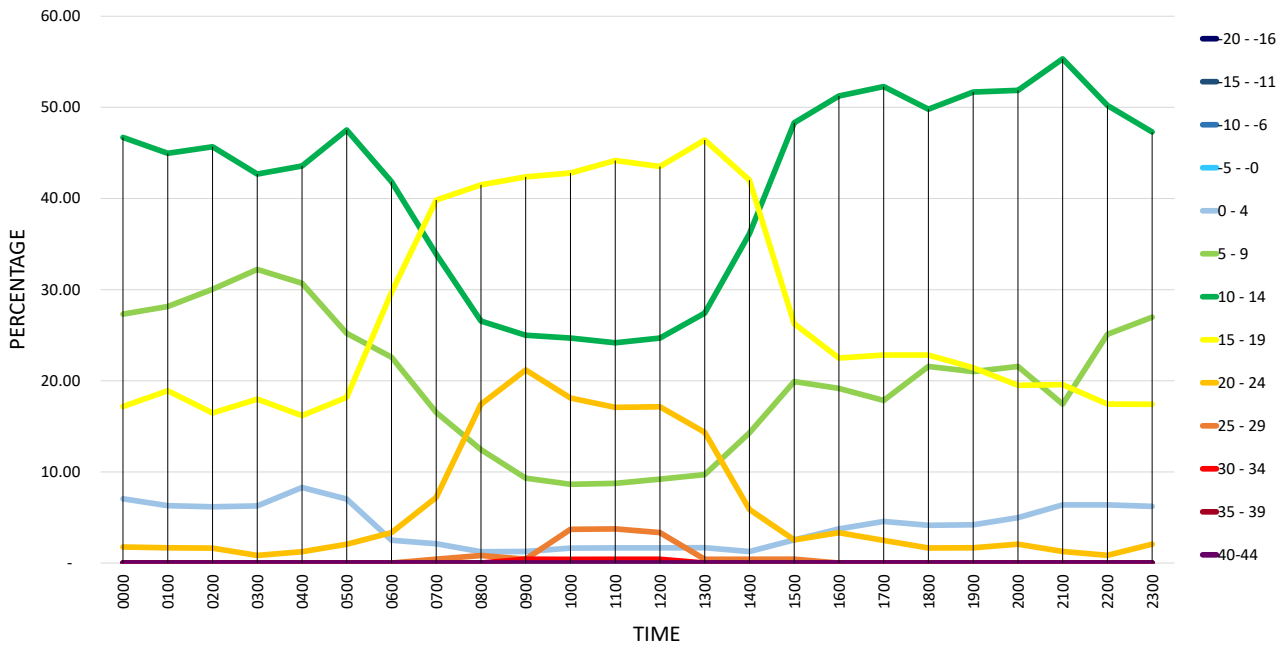
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	7.05	27.31	46.70	17.18	1.76	-	-	-	-	
0100	-	-	-	-	6.30	28.15	44.96	18.91	1.68	-	-	-	-	
0200	-	-	-	-	6.17	30.04	45.68	16.46	1.65	-	-	-	-	
0300	-	-	-	-	6.28	32.22	42.68	17.99	0.84	-	-	-	-	
0400	-	-	-	-	8.30	30.71	43.57	16.18	1.24	-	-	-	-	
0500	-	-	-	-	7.02	25.21	47.52	18.18	2.07	-	-	-	-	
0600	-	-	-	-	2.51	22.59	41.84	29.71	3.35	-	-	-	-	
0700	-	-	-	-	2.12	16.53	33.90	39.83	7.20	0.42	-	-	-	
0800	-	-	-	-	1.24	12.45	26.56	41.49	17.43	0.83	-	-	-	
0900	-	-	-	-	1.27	9.32	25.00	42.37	21.19	0.42	0.42	-	-	
1000	-	-	-	-	1.65	8.64	24.69	42.80	18.11	3.70	0.41	-	-	
1100	-	-	-	-	1.67	8.75	24.17	44.17	17.08	3.75	0.42	-	-	
1200	-	-	-	-	1.67	9.21	24.69	43.51	17.15	3.35	0.42	-	-	
1300	-	-	-	-	1.69	9.70	27.43	46.41	14.35	0.42	-	-	-	
1400	-	-	-	-	1.26	14.29	36.13	42.02	5.88	0.42	-	-	-	
1500	-	-	-	-	2.54	19.92	48.31	26.27	2.54	0.42	-	-	-	
1600	-	-	-	-	3.75	19.17	51.25	22.50	3.33	-	-	-	-	
1700	-	-	-	-	4.56	17.84	52.28	22.82	2.49	-	-	-	-	
1800	-	-	-	-	4.15	21.58	49.79	22.82	1.66	-	-	-	-	
1900	-	-	-	-	4.20	21.01	51.68	21.43	1.68	-	-	-	-	
2000	-	-	-	-	4.98	21.58	51.87	19.50	2.07	-	-	-	-	
2100	-	-	-	-	6.38	17.45	55.32	19.57	1.28	-	-	-	-	
2200	-	-	-	-	6.38	25.11	50.21	17.45	0.85	-	-	-	-	
2300	-	-	-	-	6.22	26.97	47.30	17.43	2.07	-	-	-	-	
MEAN	-	-	-	-	4.14	19.82	41.38	27.80	6.22	0.58	0.07	-	-	

Min temperature 0° to 4° (time 0400 UTC) – 8.3%

Max temperature 30° to 34° (time 0900, 1100 and 1200 UTC) – each 0.42%

Mean dominating temperature 10° to 14° – 41.38%

UGSB - Temperature (November 2010-2017)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

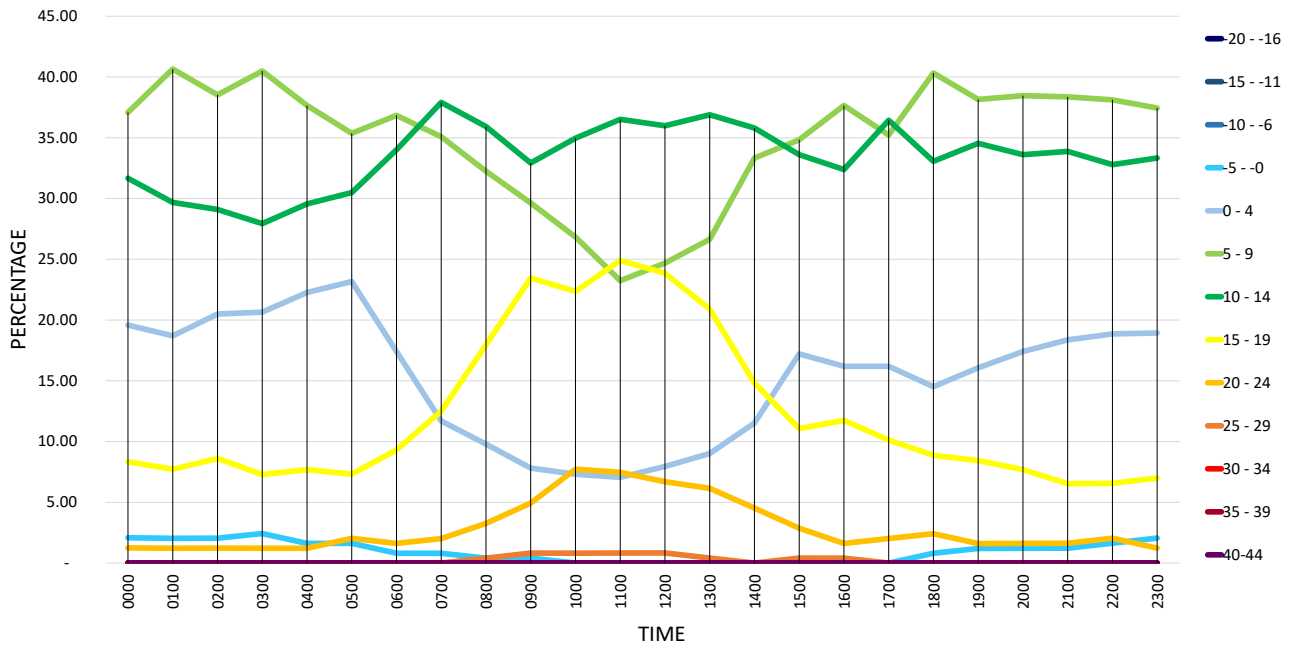
FREQUENCIES (PERCENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	2.08	19.58	37.08	31.67	8.33	1.25	-	-	-	-
0100	-	-	-	2.03	18.70	40.65	29.67	7.72	1.22	-	-	-	-
0200	-	-	-	2.05	20.49	38.52	29.10	8.61	1.23	-	-	-	-
0300	-	-	-	2.43	20.65	40.49	27.94	7.29	1.21	-	-	-	-
0400	-	-	-	1.62	22.27	37.65	29.55	7.69	1.21	-	-	-	-
0500	-	-	-	1.63	23.17	35.37	30.49	7.32	2.03	-	-	-	-
0600	-	-	-	0.81	17.41	36.84	34.01	9.31	1.62	-	-	-	-
0700	-	-	-	0.81	11.69	35.08	37.90	12.50	2.02	-	-	-	-
0800	-	-	-	0.41	9.80	32.24	35.92	17.96	3.27	0.41	-	-	-
0900	-	-	-	0.41	7.82	29.63	32.92	23.46	4.94	0.82	-	-	-
1000	-	-	-	-	7.32	26.83	34.96	22.36	7.72	0.81	-	-	-
1100	-	-	-	-	7.05	23.24	36.51	24.90	7.47	0.83	-	-	-
1200	-	-	-	-	7.95	24.69	35.98	23.85	6.69	0.84	-	-	-
1300	-	-	-	-	9.02	26.64	36.89	20.90	6.15	0.41	-	-	-
1400	-	-	-	-	11.52	33.33	35.80	14.81	4.53	-	-	-	-
1500	-	-	-	-	17.21	34.84	33.61	11.07	2.87	0.41	-	-	-
1600	-	-	-	-	16.19	37.65	32.39	11.74	1.62	0.40	-	-	-
1700	-	-	-	-	16.19	35.22	36.44	10.12	2.02	-	-	-	-
1800	-	-	-	0.81	14.52	40.32	33.06	8.87	2.42	-	-	-	-
1900	-	-	-	1.20	16.06	38.15	34.54	8.43	1.61	-	-	-	-
2000	-	-	-	1.21	17.41	38.46	33.60	7.69	1.62	-	-	-	-
2100	-	-	-	1.22	18.37	38.37	33.88	6.53	1.63	-	-	-	-
2200	-	-	-	1.64	18.85	38.11	32.79	6.56	2.05	-	-	-	-
2300	-	-	-	2.06	18.93	37.45	33.33	7.00	1.23	-	-	-	-
MEAN	-	-	-	0.93	15.34	34.87	33.46	12.29	2.90	0.21	-	-	-

Min temperature -5° to -0° (time 0300 UTC) – 2.43%

Max temperature 25° to 29° (time 1200 UTC) – 0.84%

Mean dominating temperature 5° to 9° – 34.87%

UGSB - Temperature (December 2010-2017)



## ABSOLUTE AND MEAN ATMOSPHERIC PRESSURE AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL F**

AERODROME: UGSB

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 122736

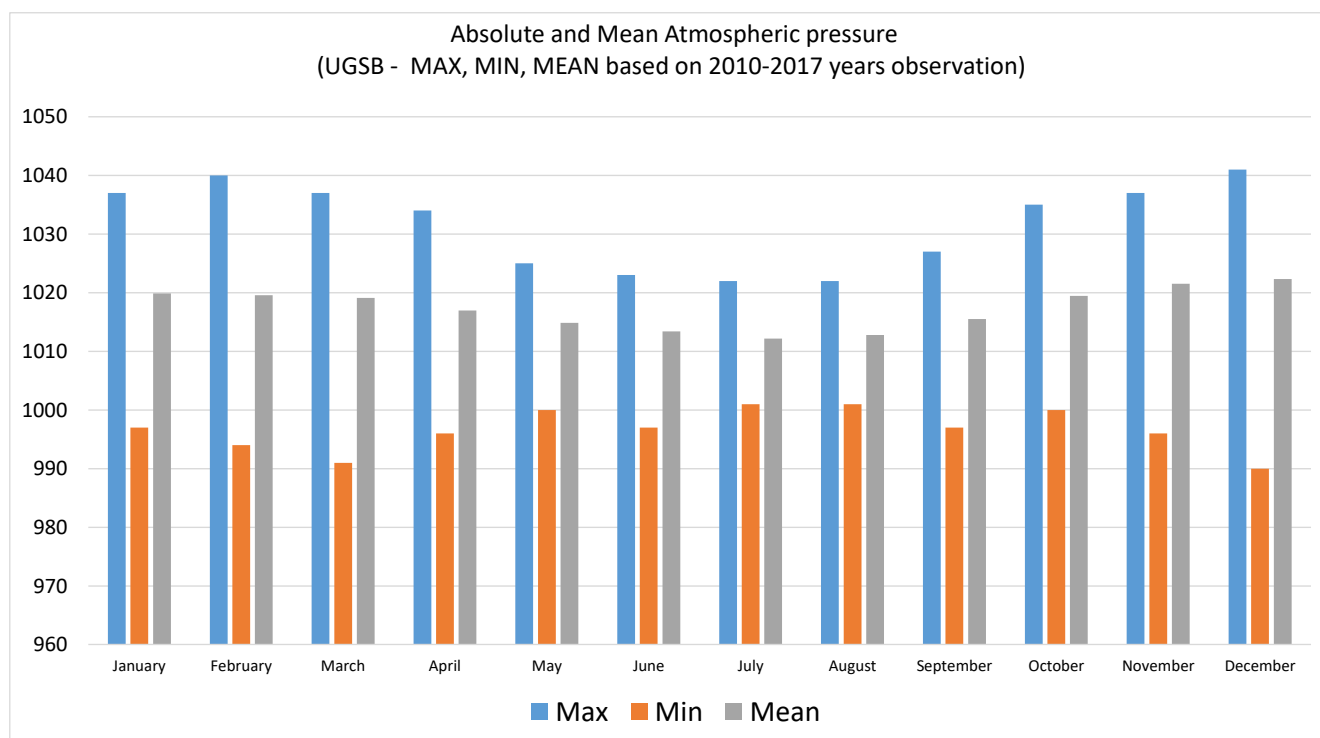
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

<b>Absolute and Mean Atmospheric pressure (UGSB - MAX, MIN, MEAN based on 8 year observation)</b>			
<b>Pressure (HPA)</b>			
<b>Month</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
January	1037	997	1020
February	1040	994	1020
March	1037	991	1019
April	1034	996	1017
May	1025	1000	1015
June	1023	997	1013
July	1022	1001	1012
August	1022	1001	1013
September	1027	997	1015
October	1035	1000	1019
November	1037	996	1022
December	1041	990	1022



Based on the eight-year observation in Batumi international airport (UGSB):

The Maximum absolute pressure of atmosphere - QNH detected in December - 1041 HPA;

The Minimum absolute pressure of atmosphere - QNH detected in December - 990 HPA.



# TEMPERATURE, DEW POINT AND HUMIDITY

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL G

AERODROME: UGSB

OBSERVATION INTERVAL: 1 HOUR

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

#### JANUARY

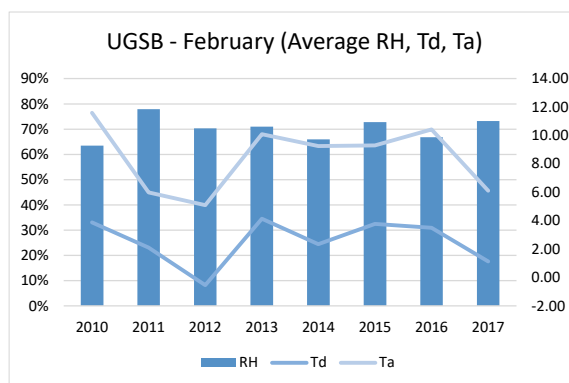
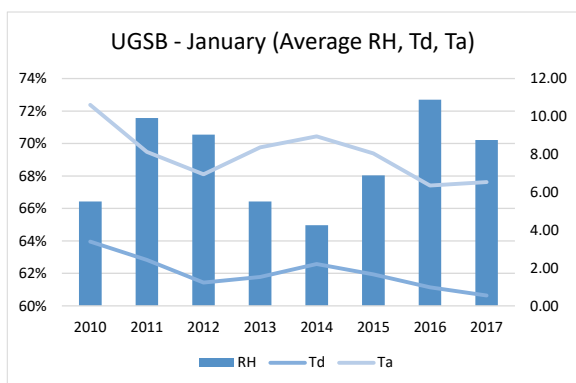
TOTAL NUMBER OF OBSERVATIONS: 11904

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	66.43%	3.39	10.61
2011	71.58%	2.43	8.13
2012	70.56%	1.23	6.94
2013	66.44%	1.53	8.37
2014	64.97%	2.21	8.96
2015	68.03%	1.67	8.06
2016	72.71%	0.98	6.35
2017	70.22%	0.55	6.53

#### FEBRUARY

TOTAL NUMBER OF OBSERVATIONS: 10848

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	63.47%	3.87	11.59
2011	77.95%	2.10	5.98
2012	70.29%	-0.55	5.10
2013	71.02%	4.13	10.08
2014	65.99%	2.34	9.25
2015	72.82%	3.77	9.30
2016	66.80%	3.49	10.42
2017	73.23%	1.13	6.11



#### MARCH

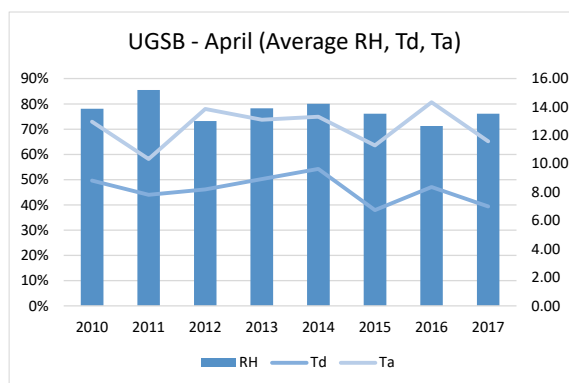
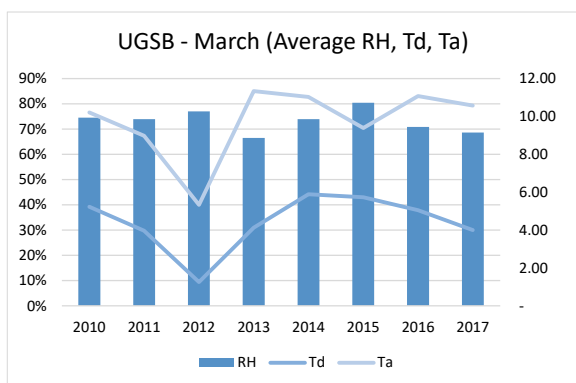
TOTAL NUMBER OF OBSERVATIONS: 11904

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	74.53%	5.23	10.21
2011	73.91%	3.96	8.98
2012	77.03%	1.26	5.34
2013	66.49%	4.12	11.34
2014	73.94%	5.89	11.02
2015	80.39%	5.74	9.39
2016	70.81%	5.05	11.07
2017	68.64%	4.00	10.58

#### APRIL

TOTAL NUMBER OF OBSERVATIONS: 11520

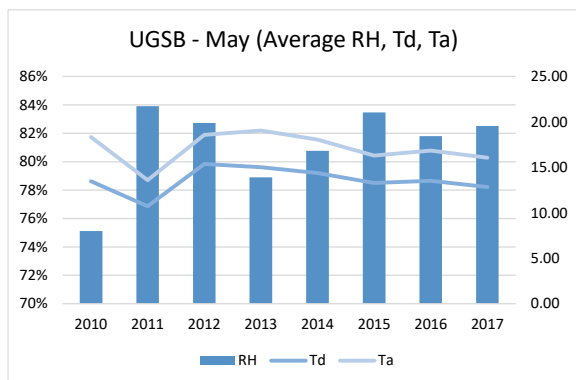
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	78.07%	8.82	12.97
2011	85.52%	7.82	10.34
2012	73.24%	8.20	13.87
2013	78.29%	8.93	13.10
2014	80.05%	9.64	13.31
2015	76.09%	6.74	11.30
2016	71.25%	8.37	14.34
2017	76.11%	7.00	11.59



### MAY

TOTAL NUMBER OF OBSERVATIONS: 11904

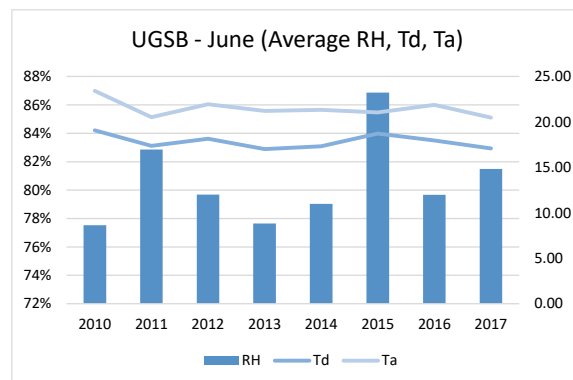
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	75.12%	13.48	18.35
2011	83.91%	10.73	13.59
2012	82.72%	15.37	18.57
2013	78.90%	15.01	19.05
2014	80.77%	14.38	18.07
2015	83.47%	13.30	16.31
2016	81.79%	13.53	16.85
2017	82.52%	12.84	16.07



### JUNE

TOTAL NUMBER OF OBSERVATIONS: 11520

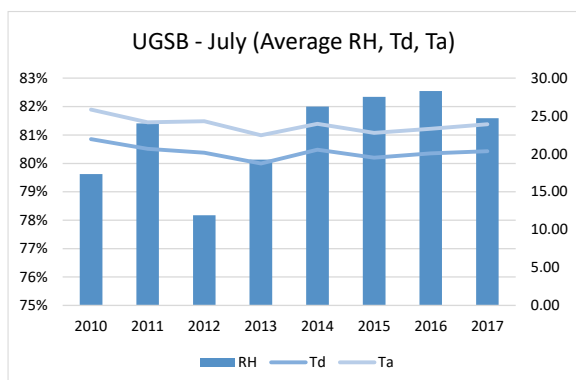
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	77.53%	19.08	23.43
2011	82.86%	17.36	20.52
2012	79.69%	18.16	21.96
2013	77.64%	17.01	21.22
2014	79.03%	17.33	21.34
2015	86.87%	18.72	21.05
2016	79.67%	17.96	21.89
2017	81.50%	17.10	20.48



### JULY

TOTAL NUMBER OF OBSERVATIONS: 11904

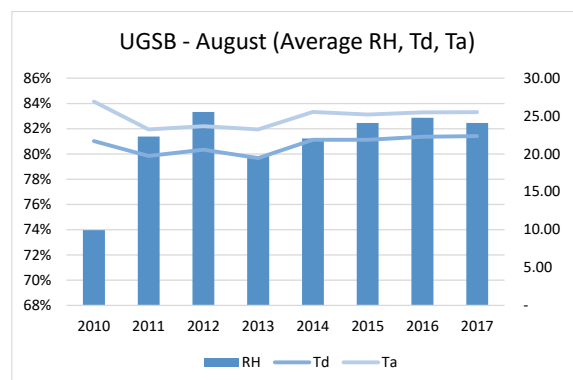
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	79.62%	21.95	25.86
2011	81.41%	20.68	24.17
2012	78.17%	20.15	24.32
2013	80.13%	18.74	22.45
2014	82.00%	20.57	23.98
2015	82.34%	19.50	22.78
2016	82.54%	20.07	23.32
2017	81.59%	20.35	23.91



### AUGUST

TOTAL NUMBER OF OBSERVATIONS: 11904

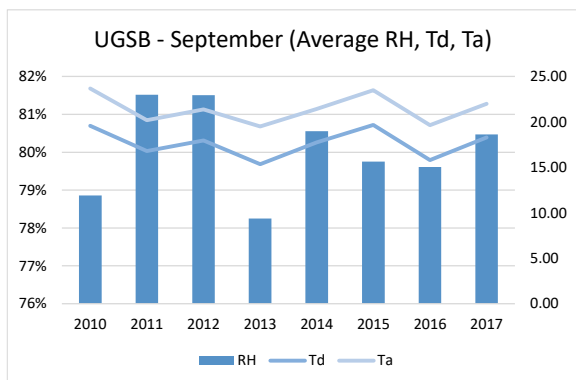
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	73.95%	21.69	26.90
2011	81.38%	19.75	23.25
2012	83.33%	20.55	23.65
2013	79.84%	19.45	23.25
2014	81.23%	21.87	25.53
2015	82.45%	21.86	25.19
2016	82.87%	22.27	25.49
2017	82.45%	22.34	25.51



### SEPTEMBER

TOTAL NUMBER OF OBSERVATIONS: 11520

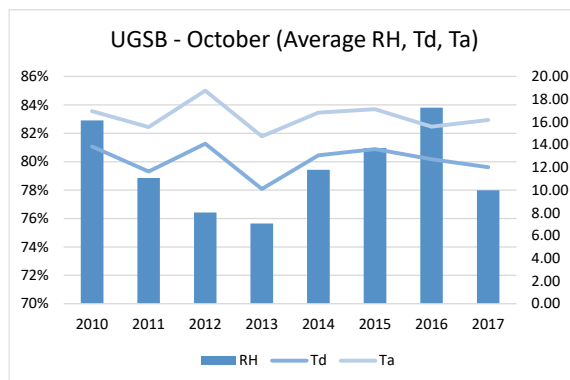
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	78.86%	19.57	23.68
2011	81.52%	16.80	20.19
2012	81.51%	17.96	21.39
2013	78.25%	15.34	19.51
2014	80.55%	17.75	21.43
2015	79.75%	19.67	23.50
2016	79.61%	15.81	19.66
2017	80.47%	18.29	21.99



### OCTOBER

TOTAL NUMBER OF OBSERVATIONS: 11904

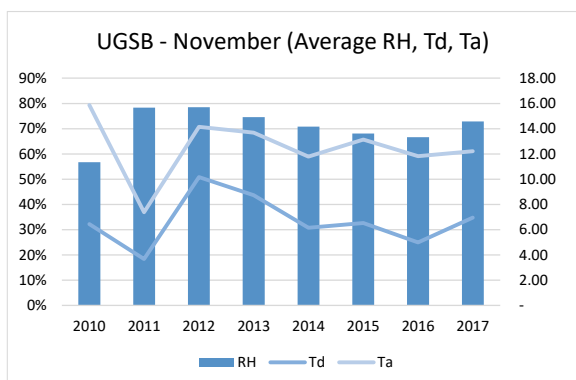
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	82.91%	13.85	16.96
2011	78.85%	11.63	15.55
2012	76.42%	14.09	18.76
2013	75.65%	10.11	14.73
2014	79.43%	13.06	16.83
2015	80.97%	13.61	17.12
2016	83.80%	12.71	15.58
2017	77.99%	12.02	16.18



### NOVEMBER

TOTAL NUMBER OF OBSERVATIONS: 11520

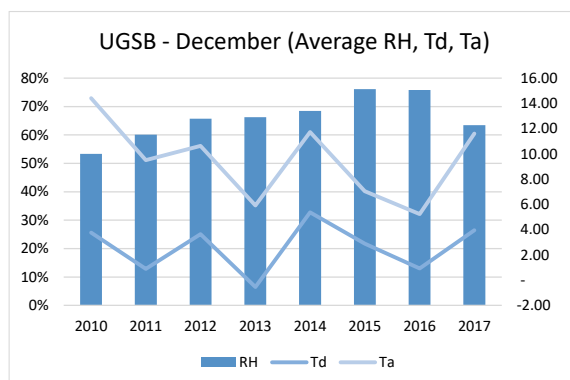
Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	56.75%	6.44	15.87
2011	78.31%	3.68	7.39
2012	78.48%	10.17	14.15
2013	74.59%	8.73	13.68
2014	70.83%	6.15	11.79
2015	68.10%	6.53	13.13
2016	66.66%	4.99	11.82
2017	72.87%	6.95	12.21



### DECEMBER

TOTAL NUMBER OF OBSERVATIONS: 11904

Average	RH	Td - C <sup>0</sup>	Ta - C <sup>0</sup>
2010	53.37%	3.77	14.42
2011	60.14%	0.90	9.51
2012	65.71%	3.64	10.64
2013	66.22%	-0.54	5.92
2014	68.43%	5.37	11.73
2015	76.12%	2.90	7.04
2016	75.80%	0.92	5.24
2017	63.43%	3.95	11.60



# WEATHER PHENOMENA

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

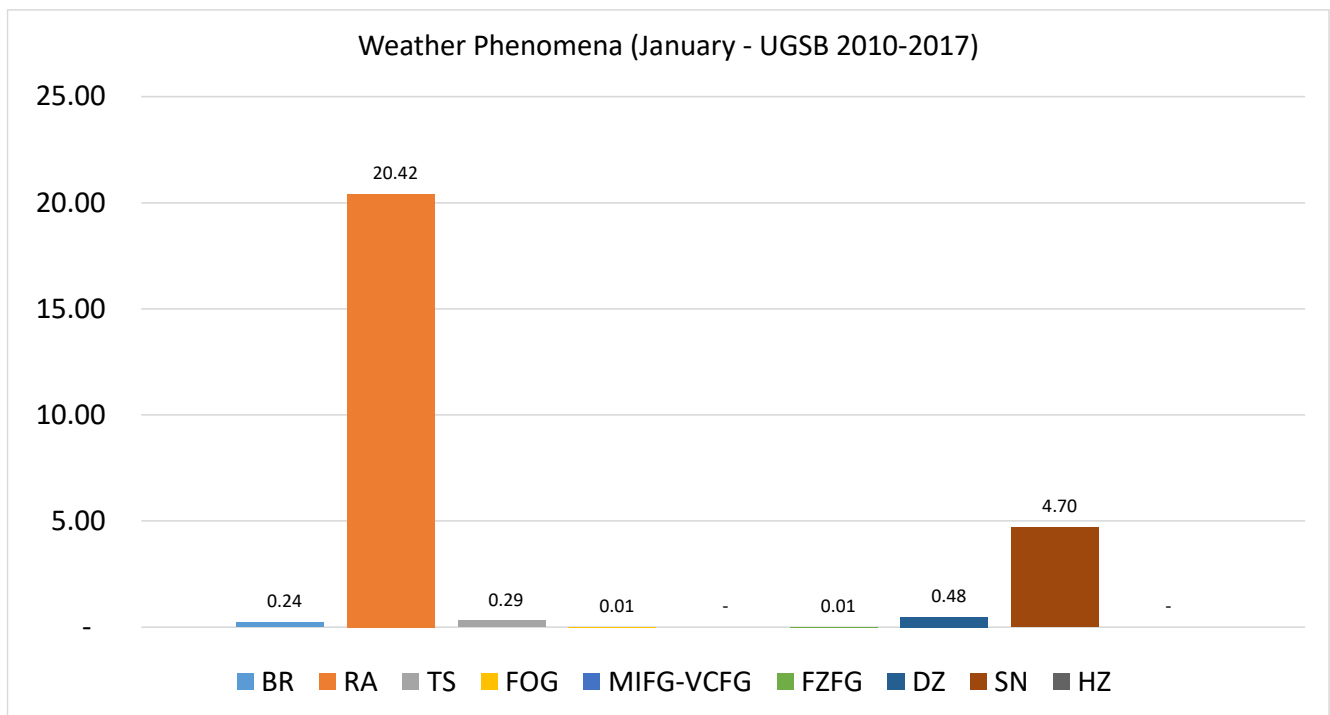
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	22.90	0.93	-	-	-	0.47	6.07	-
0030	-	16.58	1.07	-	-	-	3.21	5.88	-
0100	-	20.49	1.23	-	-	-	0.82	3.69	-
0130	-	17.02	0.53	-	-	-	0.53	5.32	-
0200	-	20.18	-	-	-	-	1.38	5.05	-
0230	-	20.65	0.54	-	-	-	1.09	5.98	-
0300	-	20.28	0.92	-	-	-	1.38	6.45	-
0330	-	18.92	1.08	-	-	-	-	5.41	-
0400	-	22.36	0.81	-	-	-	0.41	4.88	-
0430	-	21.31	1.09	-	-	-	-	4.37	-
0500	-	21.72	0.82	-	-	-	-	4.51	-
0530	-	17.99	0.53	-	-	-	0.53	6.35	-
0600	-	19.68	0.40	-	-	-	-	4.42	-
0630	-	21.08	0.54	-	-	-	-	4.86	-
0700	-	19.43	-	-	-	-	-	4.05	-
0730	-	19.35	-	-	-	-	0.54	5.38	-
0800	-	19.75	-	-	-	-	-	4.12	-
0830	0.54	20.97	-	-	-	-	-	5.91	-
0900	0.81	21.54	-	-	-	-	-	3.66	-
0930	1.60	19.25	-	-	-	-	0.53	5.35	-
1000	0.81	18.29	-	-	-	-	0.41	2.44	-
1030	0.54	19.57	-	-	-	-	0.54	3.80	-
1100	0.79	19.44	-	-	-	-	0.40	3.57	-
1130	-	19.46	-	-	-	-	0.54	5.95	-
1200	0.41	20.41	-	-	-	-	-	5.31	-
1230	-	20.43	-	-	-	-	-	6.45	-
1300	0.82	20.16	-	-	-	-	0.41	3.70	-
1330	-	21.81	-	-	-	-	0.53	5.32	-
1400	0.82	20.58	-	-	-	-	-	4.12	-
1430	-	22.16	-	-	-	-	-	4.86	-
1500	0.42	22.50	-	-	-	-	-	5.00	-
1530	0.54	22.16	-	-	-	-	-	5.41	-
1600	0.82	23.05	-	-	-	0.41	-	4.94	-
1630	-	21.51	-	0.54	-	-	-	5.91	-
1700	0.45	22.42	-	-	-	-	-	4.04	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.54	18.28	-	-	-	-	-	3.23	-
1800	-	19.53	-	-	-	-	-	2.79	-
1830	-	20.77	-	-	-	-	-	2.73	-
1900	-	21.40	0.41	-	-	-	-	3.70	-
1930	-	20.11	-	-	-	-	-	3.80	-
2000	-	19.91	0.47	-	-	-	1.42	3.32	-
2030	-	19.57	1.09	-	-	-	2.17	3.80	-
2100	0.50	20.79	0.50	-	-	-	2.48	3.96	-
2130	0.54	22.58	-	-	-	-	1.61	3.76	-
2200	0.46	20.74	0.46	-	-	-	-	4.15	-
2230	-	19.15	-	-	-	-	-	5.85	-
2300	-	20.32	-	-	-	-	-	5.88	-
2330	-	21.43	0.55	-	-	-	1.65	6.04	-
Mean	0.24	20.42	0.29	0.01	-	0.01	0.48	4.70	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in January are: rain – 20.42%, snow – 4.70%, drizzle – 0.48%.

The activity of thunderstorms in January constitutes 0.29%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 9504

OBSERVATION INTERVAL: 30 MIN.

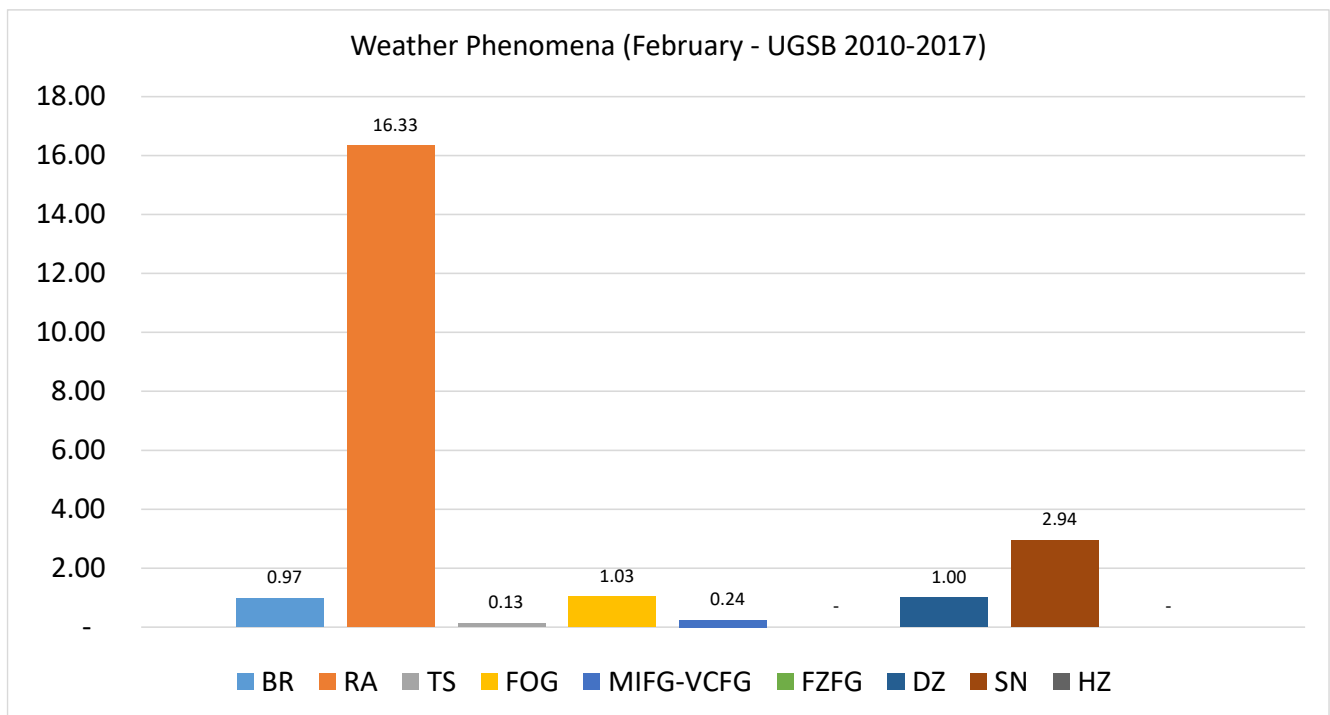
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.53	20.20	-	1.01	-	-	2.02	3.54	-
0030	1.79	14.88	-	1.19	-	-	4.17	2.98	-
0100	0.89	19.20	-	0.89	-	-	1.79	3.13	-
0130	0.59	15.29	-	0.59	-	-	1.18	4.71	-
0200	1.01	18.59	0.50	1.01	-	-	1.01	5.03	-
0230	1.79	17.26	-	1.19	-	-	2.38	4.17	-
0300	0.50	19.50	-	0.50	-	-	3.00	6.00	-
0330	-	16.76	-	0.58	-	-	2.31	3.47	-
0400	0.45	21.43	0.45	0.45	0.89	-	0.45	4.46	-
0430	0.59	17.75	-	0.59	1.18	-	-	4.73	-
0500	0.44	20.52	0.44	0.44	0.87	-	0.44	5.68	-
0530	1.19	17.26	-	0.60	1.19	-	0.60	4.76	-
0600	0.88	17.26	0.44	0.44	0.44	-	0.44	3.98	-
0630	0.60	15.48	-	-	0.60	-	0.60	3.57	-
0700	0.44	18.67	-	-	0.44	-	0.44	4.44	-
0730	-	13.61	-	1.18	-	-	1.18	3.55	-
0800	0.87	17.90	-	0.44	-	-	0.44	2.62	-
0830	-	14.71	-	1.18	0.59	-	0.59	2.94	-
0900	0.44	16.16	0.44	0.87	0.44	-	0.87	2.62	-
0930	0.58	14.62	-	1.17	0.58	-	-	3.51	-
1000	-	17.78	-	0.89	0.44	-	-	3.56	-
1030	-	12.21	-	1.16	0.58	-	1.16	4.07	-
1100	0.88	16.67	-	-	0.88	-	1.32	2.19	-
1130	0.58	11.11	-	0.58	1.17	-	0.58	1.75	-
1200	0.87	14.85	0.44	0.44	-	-	0.87	1.31	-
1230	0.58	11.70	-	1.75	-	-	1.17	1.17	-
1300	0.88	15.35	-	0.88	-	-	0.88	2.19	-
1330	0.58	9.94	-	1.17	-	-	1.17	2.34	-
1400	-	13.84	-	0.89	-	-	0.45	1.79	-
1430	-	12.50	0.60	1.79	0.60	-	-	1.79	-
1500	0.45	15.25	0.45	1.79	-	-	0.45	0.90	-
1530	-	13.95	-	1.74	-	-	0.58	2.33	-
1600	-	18.94	-	1.76	-	-	0.44	2.20	-
1630	0.59	17.65	-	1.76	-	-	0.59	1.76	-
1700	0.51	20.81	-	1.52	-	-	0.51	2.03	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.59	18.34	-	1.78	-	-	-	2.96	-
1800	0.53	19.15	-	1.60	-	-	0.53	2.13	-
1830	1.17	16.96	-	1.75	-	-	-	1.75	-
1900	1.41	16.43	-	1.41	-	-	-	1.88	-
1930	1.76	15.88	-	1.76	-	-	-	1.76	-
2000	2.26	16.95	1.13	1.69	-	-	0.56	2.82	-
2030	2.92	15.20	-	1.75	-	-	1.75	2.34	-
2100	2.94	12.35	-	1.18	-	-	3.53	1.18	-
2130	2.37	14.79	-	1.18	-	-	2.37	2.37	-
2200	1.97	15.27	0.99	0.49	0.49	-	0.49	1.97	-
2230	2.40	16.17	0.60	0.60	-	-	1.20	1.80	-
2300	2.35	17.65	-	0.59	-	-	1.18	4.12	-
2330	2.38	19.05	-	1.19	-	-	2.38	2.98	-
Mean	0.97	16.33	0.13	1.03	0.24	-	1.00	2.94	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in February are: rain – 16.33%, snow – 2.94%, fog – 1.03%.

The activity of thunderstorms in February constitutes 0.13%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

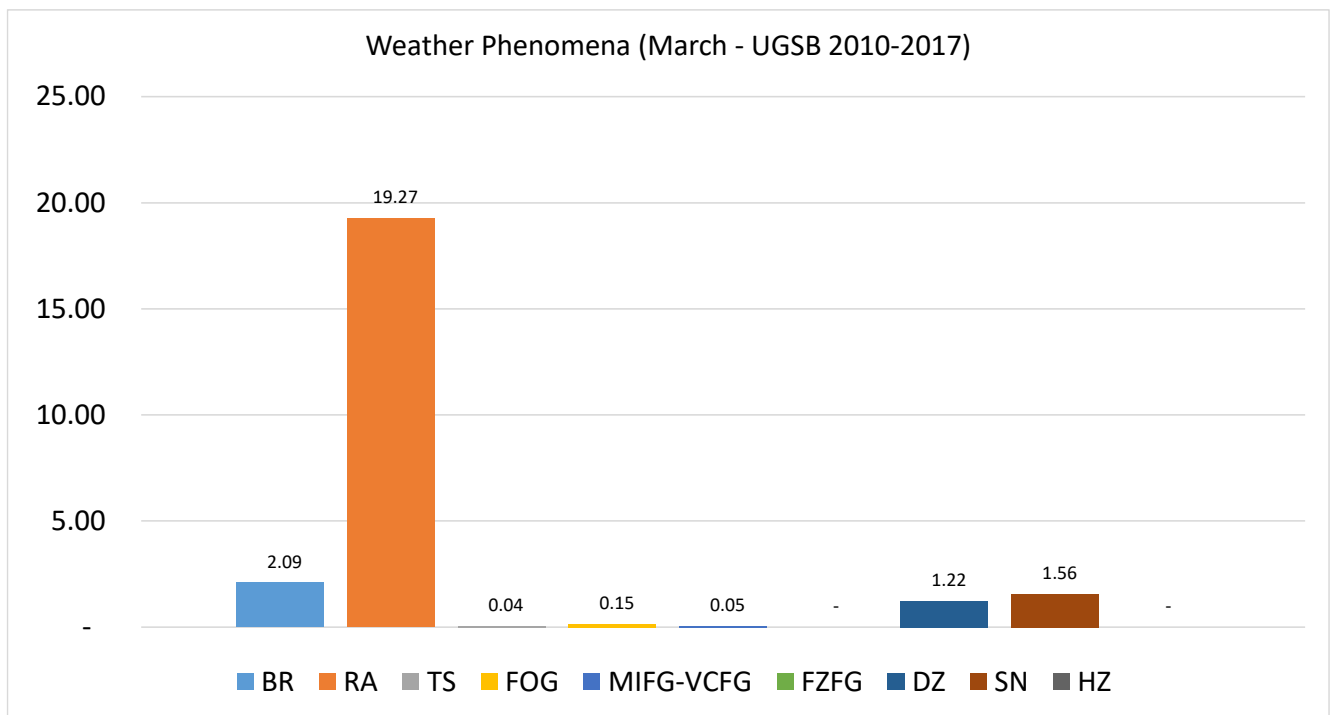
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.30	21.23	-	0.47	-	-	2.83	0.94	-
0030	3.76	16.67	-	-	-	-	2.69	1.08	-
0100	2.87	20.49	-	-	-	-	1.23	1.23	-
0130	2.72	16.85	-	-	-	-	2.17	3.26	-
0200	2.31	21.30	-	0.46	-	-	1.39	1.85	-
0230	2.16	18.92	-	-	-	-	2.16	1.62	-
0300	2.29	20.18	-	-	-	-	2.29	1.38	-
0330	2.66	19.15	-	-	-	-	0.53	1.06	-
0400	2.02	22.67	-	-	-	-	0.40	1.62	-
0430	1.08	21.08	0.54	-	-	-	0.54	3.78	-
0500	2.04	21.63	-	-	0.41	-	-	2.04	-
0530	2.16	18.92	-	-	0.54	-	1.62	3.78	-
0600	3.25	22.36	-	-	0.41	-	0.41	2.85	-
0630	3.28	20.22	-	-	0.55	-	1.09	3.28	-
0700	3.67	17.55	-	-	0.41	-	1.63	2.45	-
0730	2.16	17.30	-	-	-	-	-	2.70	-
0800	2.07	21.16	-	-	-	-	-	2.07	-
0830	1.09	18.48	0.54	-	-	-	-	1.09	-
0900	0.83	21.16	-	-	-	-	-	2.07	-
0930	1.09	19.02	-	-	-	-	-	3.26	-
1000	1.63	17.14	-	-	-	-	0.82	1.22	-
1030	1.08	20.00	-	-	-	-	1.08	1.62	-
1100	0.82	22.63	-	-	-	-	-	0.82	-
1130	0.54	18.48	-	-	-	-	-	2.17	-
1200	0.82	19.34	0.41	-	-	-	0.82	2.47	-
1230	1.61	19.35	-	-	-	-	-	3.23	-
1300	0.82	18.03	-	-	-	-	1.64	1.23	-
1330	1.60	18.18	-	-	-	-	0.53	-	-
1400	0.82	20.16	-	-	-	-	0.41	0.82	-
1430	0.55	19.23	-	-	-	-	0.55	-	-
1500	1.68	18.49	-	-	-	-	-	-	-
1530	2.70	18.92	-	-	-	-	-	-	-
1600	1.67	19.17	-	0.42	-	-	0.42	-	-
1630	1.65	17.03	0.55	-	-	-	0.55	0.55	-
1700	2.34	19.16	-	-	-	-	2.34	0.47	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.62	16.22	-	-	-	-	1.62	-	-
1800	2.90	18.36	-	-	-	-	1.93	1.45	-
1830	2.19	19.67	-	0.55	-	-	1.64	1.09	-
1900	2.13	20.00	-	0.43	-	-	1.28	0.43	-
1930	3.26	20.65	-	0.54	-	-	1.63	-	-
2000	2.50	19.00	-	0.50	-	-	1.50	1.50	-
2030	2.78	16.67	-	0.56	-	-	3.33	2.22	-
2100	4.76	16.93	-	0.53	-	-	3.70	1.59	-
2130	2.70	17.84	-	0.54	-	-	3.24	1.62	-
2200	1.84	18.43	-	0.46	-	-	1.84	1.38	-
2230	1.08	18.92	-	0.54	-	-	2.16	2.16	-
2300	2.21	21.55	-	1.10	-	-	1.10	2.21	-
2330	3.37	19.10	-	-	-	-	3.37	1.12	-
Mean	2.09	19.27	0.04	0.15	0.05	-	1.22	1.56	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in March are: rain – 19.27%, mist– 2.09%, snow – 1.56%.

The activity of thunderstorms in March constitutes 0.04%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

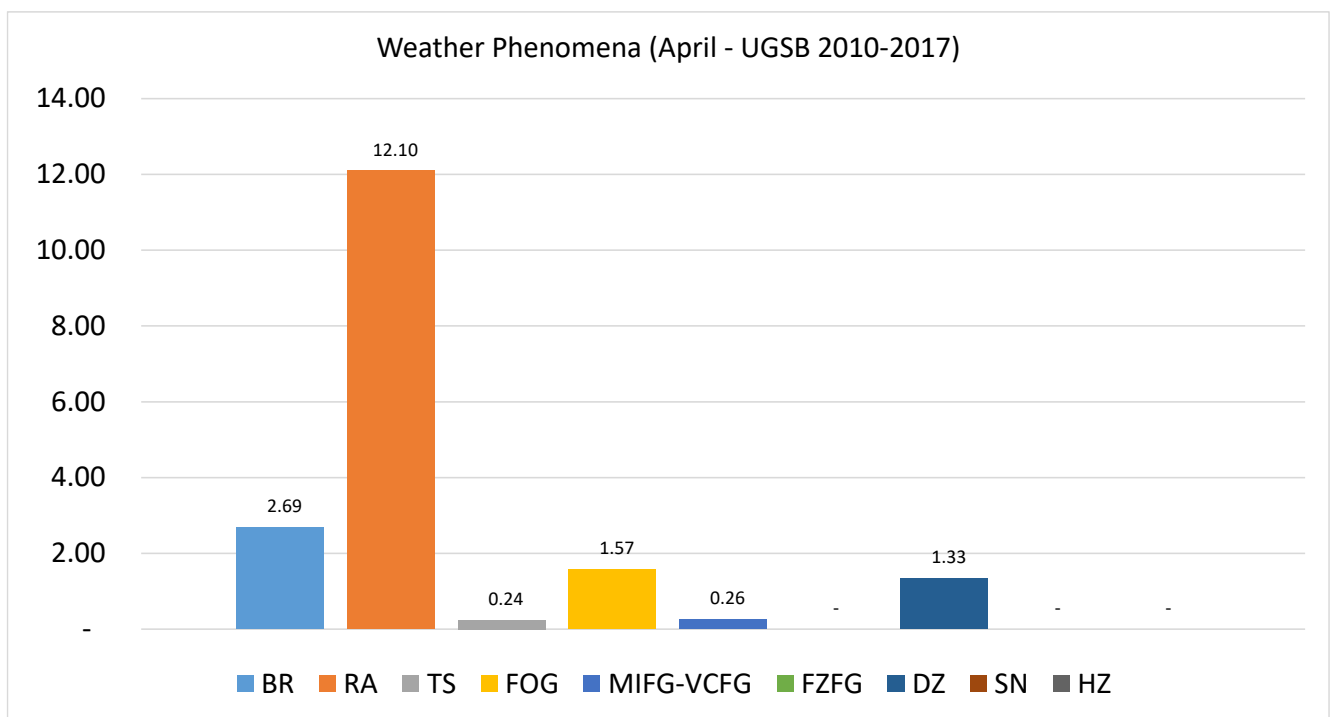
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.45	17.87	-	2.90	0.48	-	2.90	-	-
0030	2.19	10.38	-	3.28	-	-	4.92	-	-
0100	2.88	17.70	-	2.06	-	-	1.65	-	-
0130	3.83	12.02	-	2.73	-	-	2.19	-	-
0200	3.33	14.29	-	2.86	0.48	-	3.33	-	-
0230	3.31	9.39	-	2.76	-	-	3.31	-	-
0300	4.69	16.43	-	2.35	0.47	-	1.41	-	-
0330	2.21	10.50	-	3.31	1.10	-	2.21	-	-
0400	2.92	13.75	-	2.08	0.83	-	1.67	-	-
0430	2.75	11.54	-	1.65	-	-	0.55	-	-
0500	2.90	14.94	-	0.83	0.41	-	0.41	-	-
0530	2.22	11.67	-	1.11	0.56	-	-	-	-
0600	4.15	11.62	-	0.83	0.83	-	0.41	-	-
0630	2.75	10.99	-	1.10	0.55	-	0.55	-	-
0700	4.17	8.33	-	0.83	0.42	-	0.83	-	-
0730	2.75	6.59	-	1.10	0.55	-	-	-	-
0800	4.13	8.68	-	0.41	0.41	-	1.24	-	-
0830	2.19	9.29	0.55	0.55	1.09	-	0.55	-	-
0900	3.73	8.30	0.41	-	0.83	-	0.83	-	-
0930	3.33	8.33	-	-	0.56	-	0.56	-	-
1000	2.49	9.54	-	0.41	0.41	-	0.41	-	-
1030	2.76	9.94	0.55	-	-	-	-	-	-
1100	2.92	10.00	0.42	0.42	-	-	0.42	-	-
1130	3.87	9.39	1.10	-	-	-	-	-	-
1200	3.85	8.97	0.43	-	-	-	0.43	-	-
1230	2.79	10.61	0.56	-	-	-	-	-	-
1300	3.38	10.97	0.42	0.42	0.42	-	0.84	-	-
1330	3.28	10.93	1.09	-	0.55	-	1.09	-	-
1400	2.95	11.39	-	0.84	-	-	2.11	-	-
1430	2.22	11.11	-	0.56	-	-	1.67	-	-
1500	3.33	10.83	0.83	0.83	-	-	2.08	-	-
1530	2.22	15.00	1.11	1.67	-	-	1.67	-	-
1600	2.52	13.87	0.84	1.68	-	-	2.10	-	-
1630	1.65	14.29	1.10	1.10	-	-	1.65	-	-
1700	2.79	18.60	0.47	0.93	-	-	1.40	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.10	14.92	-	1.66	-	-	2.21	-	-
1800	2.37	13.27	0.47	1.90	-	-	1.90	-	-
1830	2.21	13.26	-	2.21	-	-	1.66	-	-
1900	1.27	12.29	-	1.69	-	-	1.69	-	-
1930	1.10	13.81	0.55	2.21	-	-	1.66	-	-
2000	2.03	14.21	-	2.03	0.51	-	1.02	-	-
2030	2.25	12.36	-	2.81	-	-	0.56	-	-
2100	2.12	13.23	-	2.65	-	-	1.59	-	-
2130	2.22	12.22	-	2.78	-	-	2.78	-	-
2200	2.39	11.00	-	3.35	0.48	-	1.91	-	-
2230	2.22	13.89	0.56	3.33	-	-	-	-	-
2300	1.09	14.21	-	3.83	0.55	-	1.09	-	-
2330	1.68	13.97	-	3.35	-	-	0.56	-	-
Mean	2.69	12.10	0.24	1.57	0.26	-	1.33	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in April are: rain – 12.10%, mist – 2.69%, fog – 1.57%.

The activity of thunderstorms in April constitutes 0.24%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

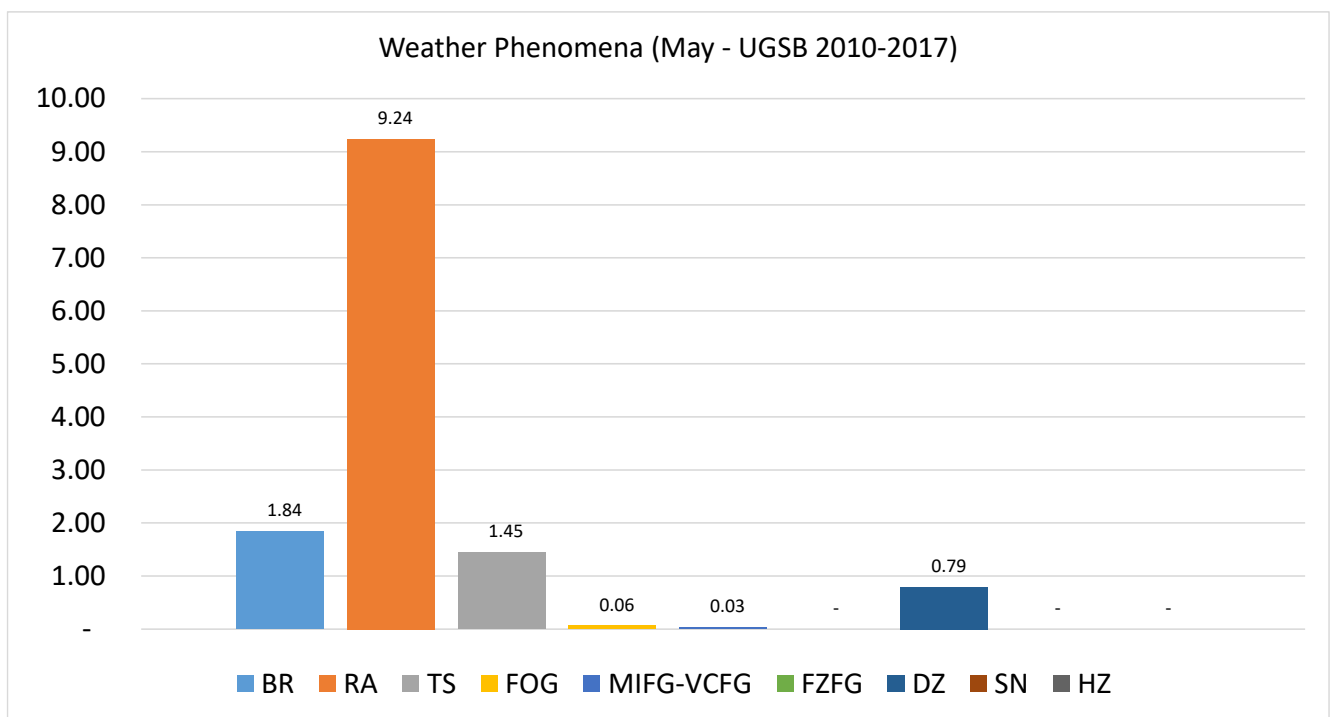
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.06	10.82	1.03	-	-	-	1.55	-	-
0030	3.23	11.29	1.08	0.54	-	-	1.08	-	-
0100	3.98	10.18	0.88	0.44	-	-	2.65	-	-
0130	4.79	9.04	1.06	0.53	-	-	1.06	-	-
0200	5.03	7.54	-	0.50	-	-	2.51	-	-
0230	4.26	8.51	-	0.53	-	-	1.06	-	-
0300	4.48	8.46	0.50	-	-	-	0.50	-	-
0330	4.30	10.22	0.54	-	0.54	-	0.54	-	-
0400	2.65	9.73	0.44	-	-	-	1.33	-	-
0430	3.76	10.22	0.54	-	-	-	0.54	-	-
0500	2.63	10.09	0.44	-	-	-	1.32	-	-
0530	2.17	7.61	-	-	-	-	1.63	-	-
0600	0.44	9.61	0.44	-	0.44	-	0.87	-	-
0630	0.54	8.11	1.08	-	0.54	-	0.54	-	-
0700	0.88	9.25	-	-	-	-	0.88	-	-
0730	0.54	7.03	-	-	-	-	0.54	-	-
0800	1.75	7.42	0.87	-	-	-	0.87	-	-
0830	0.53	6.95	0.53	-	-	-	-	-	-
0900	1.34	10.27	1.34	-	-	-	0.89	-	-
0930	-	5.98	1.09	-	-	-	-	-	-
1000	0.88	7.05	1.76	-	-	-	0.44	-	-
1030	1.08	7.03	1.62	-	-	-	-	-	-
1100	0.88	6.61	-	-	-	-	0.44	-	-
1130	1.60	6.95	0.53	-	-	-	1.07	-	-
1200	2.20	5.29	0.44	-	-	-	0.88	-	-
1230	2.66	6.91	2.66	-	-	-	1.06	-	-
1300	1.33	9.78	2.67	-	-	-	0.44	-	-
1330	1.08	11.35	4.32	-	-	-	0.54	-	-
1400	0.90	9.91	3.60	-	-	-	-	-	-
1430	0.53	11.76	4.81	-	-	-	-	-	-
1500	0.45	10.45	5.00	-	-	-	0.45	-	-
1530	0.54	13.98	4.30	-	-	-	0.54	-	-
1600	0.44	11.06	3.10	-	-	-	-	-	-
1630	0.54	10.75	1.61	-	-	-	-	-	-
1700	0.50	13.57	2.01	-	-	-	0.50	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.06	11.70	1.60	-	-	-	-	-	-
1800	1.01	7.58	1.01	-	-	-	-	-	-
1830	1.09	9.24	1.09	-	-	-	-	-	-
1900	0.92	8.26	1.83	-	-	-	0.46	-	-
1930	0.53	11.17	1.06	-	-	-	-	-	-
2000	1.55	8.25	1.55	-	-	-	0.52	-	-
2030	3.19	9.04	1.60	-	-	-	2.13	-	-
2100	3.63	9.33	2.07	-	-	-	1.55	-	-
2130	2.14	8.56	2.14	-	-	-	1.60	-	-
2200	1.83	7.76	0.91	-	-	-	2.28	-	-
2230	2.16	8.11	1.62	-	-	-	1.62	-	-
2300	2.09	10.99	1.57	-	-	-	0.52	-	-
2330	2.16	12.97	1.08	0.54	-	-	0.54	-	-
Mean	1.84	9.24	1.45	0.06	0.03	-	0.79	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in May are: rain – 9.24%, mist – 1.84%, drizzle – 0.79%.

The activity of thunderstorms in May constitutes 1.45%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

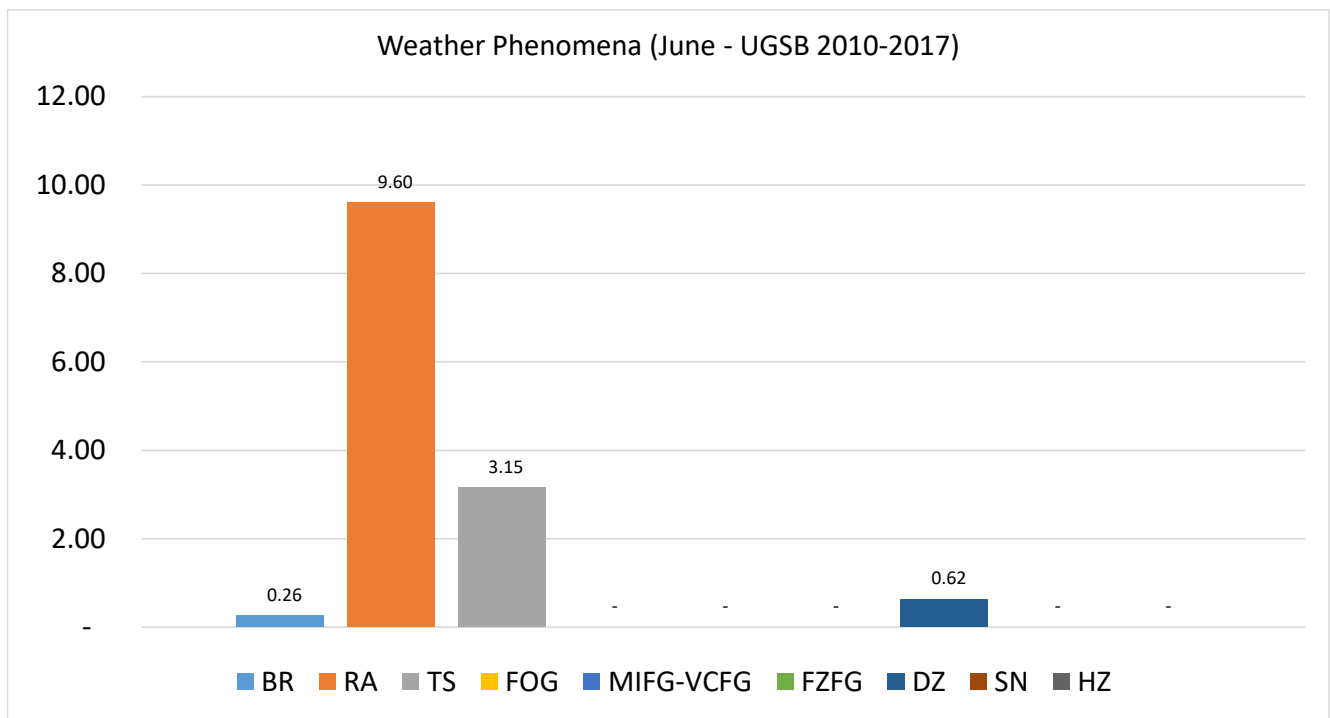
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	9.09	4.31	-	-	-	-	-	-
0030	0.52	9.28	4.12	-	-	-	1.03	-	-
0100	0.43	7.73	2.58	-	-	-	0.43	-	-
0130	-	9.84	3.11	-	-	-	2.07	-	-
0200	0.47	11.79	2.36	-	-	-	0.47	-	-
0230	-	10.26	3.08	-	-	-	0.51	-	-
0300	-	9.96	2.60	-	-	-	-	-	-
0330	-	10.66	1.52	-	-	-	-	-	-
0400	-	9.70	2.53	-	-	-	0.84	-	-
0430	0.51	6.60	2.03	-	-	-	1.02	-	-
0500	-	6.75	0.84	-	-	-	1.69	-	-
0530	-	5.56	0.51	-	-	-	2.53	-	-
0600	-	9.17	0.42	-	-	-	1.25	-	-
0630	0.52	7.81	1.56	-	-	-	1.04	-	-
0700	0.41	6.61	1.65	-	-	-	1.24	-	-
0730	0.51	6.15	0.51	-	-	-	1.03	-	-
0800	1.25	5.83	1.25	-	-	-	0.83	-	-
0830	2.06	7.22	1.55	-	-	-	1.03	-	-
0900	0.42	5.88	0.84	-	-	-	0.42	-	-
0930	-	8.16	1.02	-	-	-	1.02	-	-
1000	-	6.75	-	-	-	-	0.42	-	-
1030	0.51	5.58	-	-	-	-	1.02	-	-
1100	0.42	6.33	0.84	-	-	-	-	-	-
1130	1.01	7.04	1.01	-	-	-	0.50	-	-
1200	1.27	7.59	1.69	-	-	-	0.42	-	-
1230	0.51	8.72	3.08	-	-	-	1.03	-	-
1300	0.42	8.79	3.35	-	-	-	0.84	-	-
1330	-	14.14	4.55	-	-	-	0.51	-	-
1400	-	10.88	3.77	-	-	-	-	-	-
1430	1.02	11.73	3.06	-	-	-	-	-	-
1500	-	11.91	5.11	-	-	-	-	-	-
1530	-	12.76	5.10	-	-	-	-	-	-
1600	-	12.55	6.28	-	-	-	0.42	-	-
1630	-	14.65	5.56	-	-	-	0.51	-	-
1700	-	17.45	8.49	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	9.64	8.12	-	-	-	-	-	-
1800	-	12.38	4.76	-	-	-	0.95	-	-
1830	-	12.18	5.08	-	-	-	0.51	-	-
1900	-	12.97	3.77	-	-	-	-	-	-
1930	-	12.12	7.07	-	-	-	-	-	-
2000	-	11.21	4.67	-	-	-	-	-	-
2030	-	9.09	5.05	-	-	-	0.51	-	-
2100	-	9.30	4.19	-	-	-	0.47	-	-
2130	-	6.63	3.57	-	-	-	1.02	-	-
2200	-	10.37	4.15	-	-	-	0.41	-	-
2230	-	11.28	2.56	-	-	-	1.03	-	-
2300	-	12.32	3.32	-	-	-	0.95	-	-
2330	-	10.36	4.66	-	-	-	-	-	-
Mean	0.26	9.60	3.15	-	-	-	0.62	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in June are: rain – 9.60%, drizzle – 0.62%, mist – 0.26%.

The activity of thunderstorms in June constitutes 3.15%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

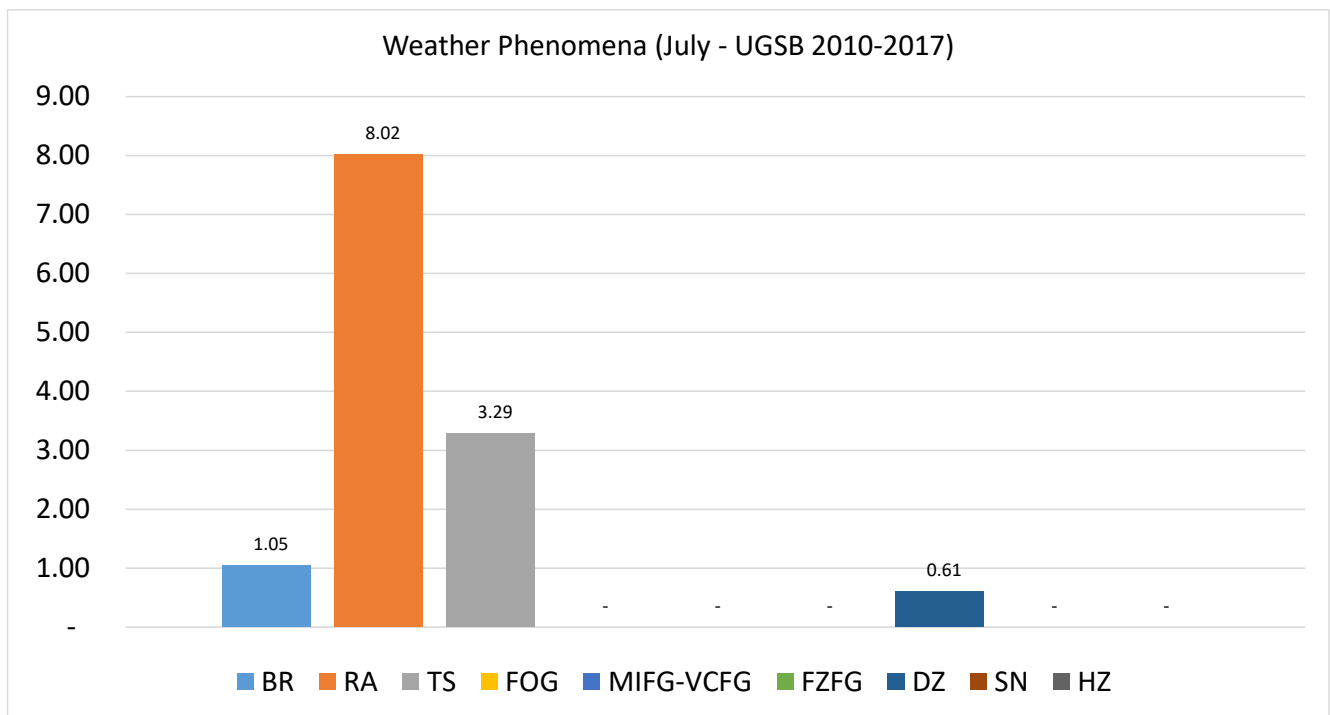
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.86	10.70	4.65	-	-	-	0.47	-	-
0030	1.84	10.14	4.61	-	-	-	-	-	-
0100	2.05	9.84	4.92	-	-	-	0.41	-	-
0130	2.31	9.26	5.09	-	-	-	1.39	-	-
0200	1.32	11.01	3.96	-	-	-	0.88	-	-
0230	2.29	10.55	3.21	-	-	-	2.29	-	-
0300	2.13	9.79	3.83	-	-	-	0.85	-	-
0330	1.84	10.14	4.61	-	-	-	0.46	-	-
0400	0.82	11.02	4.90	-	-	-	-	-	-
0430	1.33	11.06	3.54	-	-	-	0.44	-	-
0500	1.23	9.84	3.69	-	-	-	0.82	-	-
0530	1.85	7.87	2.78	-	-	-	1.39	-	-
0600	0.82	8.16	3.27	-	-	-	-	-	-
0630	1.87	7.48	1.87	-	-	-	0.93	-	-
0700	1.61	7.63	3.21	-	-	-	0.80	-	-
0730	1.85	7.41	2.78	-	-	-	0.46	-	-
0800	1.63	6.53	2.04	-	-	-	0.41	-	-
0830	1.40	5.12	1.86	-	-	-	1.40	-	-
0900	1.22	5.69	1.63	-	-	-	0.81	-	-
0930	0.47	6.05	1.40	-	-	-	0.93	-	-
1000	1.22	6.12	0.41	-	-	-	0.82	-	-
1030	0.47	6.05	0.47	-	-	-	0.47	-	-
1100	0.82	4.49	0.82	-	-	-	-	-	-
1130	0.93	4.17	0.93	-	-	-	0.46	-	-
1200	0.82	3.28	1.23	-	-	-	-	-	-
1230	1.40	3.27	1.40	-	-	-	0.47	-	-
1300	1.22	3.25	2.03	-	-	-	-	-	-
1330	0.92	4.15	0.92	-	-	-	0.92	-	-
1400	0.83	5.81	2.07	-	-	-	0.41	-	-
1430	0.46	3.67	1.83	-	-	-	-	-	-
1500	0.41	4.51	2.05	-	-	-	-	-	-
1530	-	5.99	2.76	-	-	-	0.92	-	-
1600	0.41	4.12	3.29	-	-	-	0.41	-	-
1630	0.46	5.56	3.70	-	-	-	0.93	-	-
1700	0.44	9.17	3.93	-	-	-	0.44	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.47	9.35	6.07	-	-	-	0.47	-	-
1800	1.30	9.52	5.63	-	-	-	0.43	-	-
1830	0.93	9.72	5.56	-	-	-	-	-	-
1900	-	9.43	4.92	-	-	-	-	-	-
1930	-	8.84	4.19	-	-	-	0.93	-	-
2000	0.45	10.36	5.41	-	-	-	-	-	-
2030	-	10.75	6.07	-	-	-	0.93	-	-
2100	0.45	11.71	4.05	-	-	-	0.90	-	-
2130	-	12.79	2.74	-	-	-	0.91	-	-
2200	0.42	10.00	3.75	-	-	-	0.83	-	-
2230	0.45	10.41	4.52	-	-	-	0.90	-	-
2300	1.36	12.22	4.52	-	-	-	0.45	-	-
2330	1.87	11.21	4.67	-	-	-	0.93	-	-
Mean	1.05	8.02	3.29	-	-	-	0.61	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in July are: rain – 8.02%, mist – 1.05%, drizzle – 0.61%.

The activity of thunderstorms in July constitutes 3.29%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

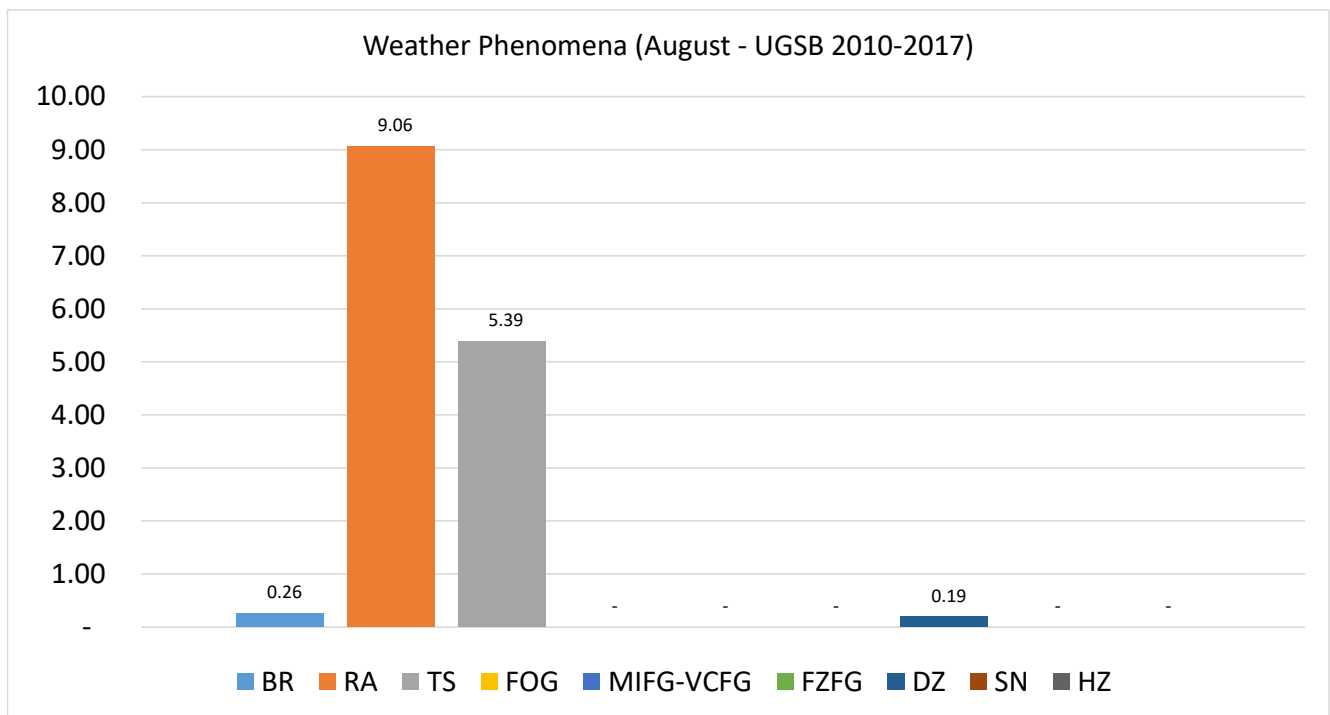
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	8.60	8.14	-	-	-	0.45	-	-
0030	-	8.41	7.01	-	-	-	0.47	-	-
0100	-	7.63	6.78	-	-	-	0.42	-	-
0130	-	7.44	6.51	-	-	-	0.93	-	-
0200	-	8.97	4.04	-	-	-	0.45	-	-
0230	-	7.98	3.76	-	-	-	0.47	-	-
0300	-	9.09	4.55	-	-	-	-	-	-
0330	-	10.75	3.27	-	-	-	-	-	-
0400	-	9.76	4.88	-	-	-	-	-	-
0430	0.46	6.91	4.15	-	-	-	0.46	-	-
0500	0.41	8.13	5.28	-	-	-	-	-	-
0530	0.93	9.72	6.94	-	-	-	-	-	-
0600	0.42	9.21	5.02	-	-	-	0.42	-	-
0630	0.46	6.88	2.29	-	-	-	-	-	-
0700	0.40	6.48	2.83	-	-	-	0.40	-	-
0730	0.93	4.65	2.79	-	-	-	-	-	-
0800	0.40	5.26	2.02	-	-	-	-	-	-
0830	0.47	6.51	0.93	-	-	-	-	-	-
0900	0.41	5.76	1.23	-	-	-	-	-	-
0930	0.93	5.09	2.78	-	-	-	-	-	-
1000	0.40	4.45	2.02	-	-	-	-	-	-
1030	0.46	5.99	1.38	-	-	-	-	-	-
1100	-	4.44	1.61	-	-	-	-	-	-
1130	-	4.11	3.20	-	-	-	-	-	-
1200	-	5.26	3.24	-	-	-	-	-	-
1230	-	5.09	2.78	-	-	-	-	-	-
1300	0.40	7.26	2.82	-	-	-	-	-	-
1330	-	10.05	3.65	-	-	-	-	-	-
1400	-	6.83	3.21	-	-	-	-	-	-
1430	0.46	9.22	3.69	-	-	-	-	-	-
1500	0.82	8.20	3.28	-	-	-	0.41	-	-
1530	0.91	11.87	5.02	-	-	-	-	-	-
1600	0.81	10.98	5.28	-	-	-	0.81	-	-
1630	-	12.44	5.99	-	-	-	-	-	-
1700	-	8.90	7.63	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.47	11.79	8.02	-	-	-	-	-	-
1800	-	14.85	10.48	-	-	-	-	-	-
1830	0.47	14.22	8.53	-	-	-	-	-	-
1900	-	12.71	10.17	-	-	-	-	-	-
1930	0.48	15.87	9.62	-	-	-	-	-	-
2000	0.44	11.84	10.09	-	-	-	-	-	-
2030	-	13.89	11.57	-	-	-	-	-	-
2100	-	14.86	8.56	-	-	-	1.35	-	-
2130	-	13.36	9.68	-	-	-	1.84	-	-
2200	-	11.91	6.81	-	-	-	-	-	-
2230	-	12.56	8.37	-	-	-	-	-	-
2300	-	12.27	7.73	-	-	-	-	-	-
2330	-	6.51	8.84	-	-	-	0.47	-	-
Mean	0.26	9.06	5.39	-	-	-	0.19	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in August are: rain – 9.06%, mist – 0.26%, drizzle – 0.19%.

The activity of thunderstorms in August constitutes 5.39%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

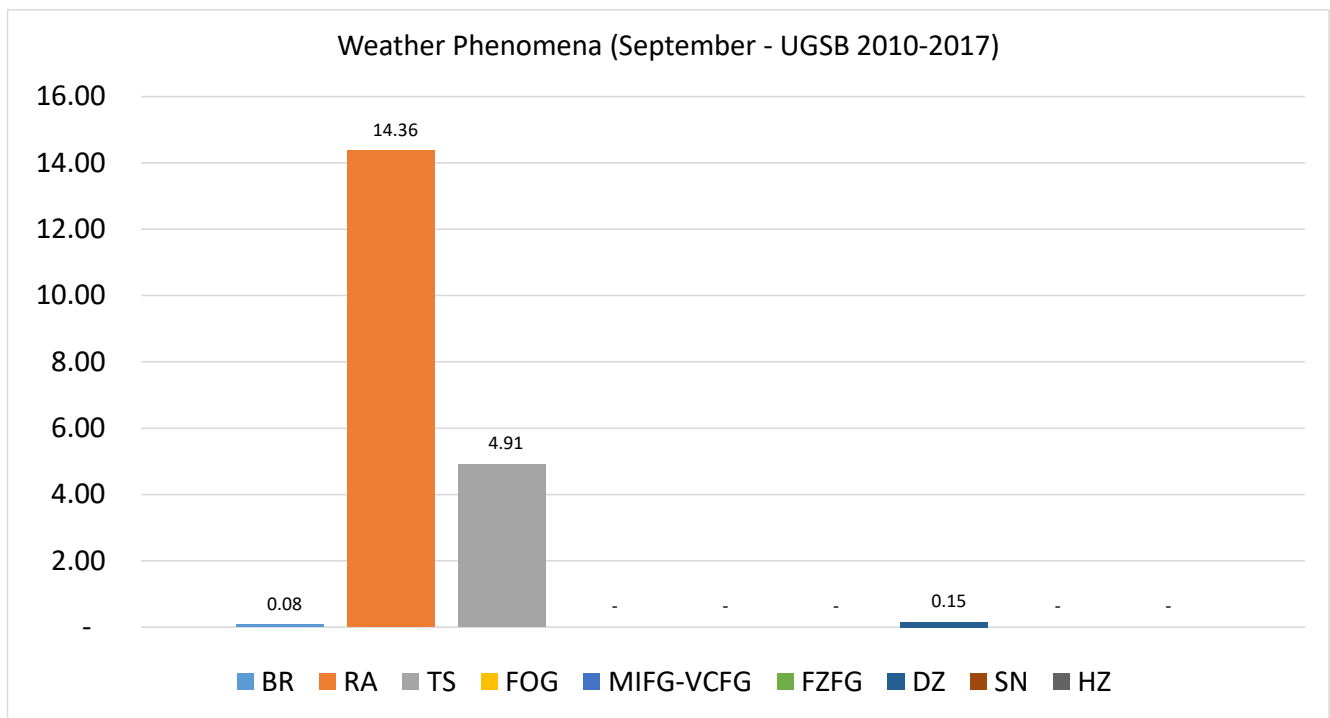
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	13.43	7.87	-	-	-	-	-	-
0030	-	13.88	6.22	-	-	-	0.48	-	-
0100	-	17.30	5.91	-	-	-	0.42	-	-
0130	0.47	14.22	6.16	-	-	-	-	-	-
0200	-	14.42	5.58	-	-	-	-	-	-
0230	-	15.96	5.63	-	-	-	0.47	-	-
0300	-	16.74	4.52	-	-	-	-	-	-
0330	0.48	16.91	5.31	-	-	-	-	-	-
0400	-	15.19	4.64	-	-	-	-	-	-
0430	0.48	14.35	5.26	-	-	-	-	-	-
0500	0.42	15.97	5.88	-	-	-	-	-	-
0530	-	16.10	4.88	-	-	-	0.49	-	-
0600	-	12.18	5.04	-	-	-	0.42	-	-
0630	-	13.33	5.71	-	-	-	0.48	-	-
0700	-	13.98	3.81	-	-	-	0.42	-	-
0730	-	15.94	3.86	-	-	-	-	-	-
0800	-	12.61	4.62	-	-	-	-	-	-
0830	0.48	12.50	5.29	-	-	-	-	-	-
0900	-	13.08	4.22	-	-	-	-	-	-
0930	-	13.59	2.91	-	-	-	-	-	-
1000	-	9.75	2.97	-	-	-	-	-	-
1030	-	11.90	2.38	-	-	-	-	-	-
1100	-	8.82	2.94	-	-	-	-	-	-
1130	-	13.11	3.40	-	-	-	-	-	-
1200	-	11.39	3.80	-	-	-	-	-	-
1230	-	10.95	3.33	-	-	-	-	-	-
1300	-	14.29	4.20	-	-	-	-	-	-
1330	-	11.54	4.33	-	-	-	-	-	-
1400	-	12.34	5.11	-	-	-	-	-	-
1430	-	12.56	3.86	-	-	-	-	-	-
1500	0.43	14.96	5.56	-	-	-	-	-	-
1530	0.48	14.01	4.35	-	-	-	-	-	-
1600	0.42	14.71	5.46	-	-	-	-	-	-
1630	-	17.39	5.80	-	-	-	-	-	-
1700	-	16.17	5.53	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	14.90	3.85	-	-	-	-	-	-
1800	-	15.14	4.13	-	-	-	-	-	-
1830	-	15.71	5.24	-	-	-	-	-	-
1900	-	15.13	6.30	-	-	-	-	-	-
1930	-	17.31	4.81	-	-	-	-	-	-
2000	-	15.70	3.59	-	-	-	-	-	-
2030	-	15.31	7.18	-	-	-	0.48	-	-
2100	-	15.81	4.65	-	-	-	0.93	-	-
2130	-	13.94	4.81	-	-	-	1.44	-	-
2200	-	16.03	5.91	-	-	-	0.84	-	-
2230	-	16.59	5.85	-	-	-	-	-	-
2300	-	17.97	7.37	-	-	-	-	-	-
2330	-	14.35	5.74	-	-	-	0.48	-	-
Mean	0.08	14.36	4.91	-	-	-	0.15	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in September are: rain – 14.36%, drizzle – 0.15%, mist – 0.08%.

The activity of thunderstorms in September constitutes 4.91%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

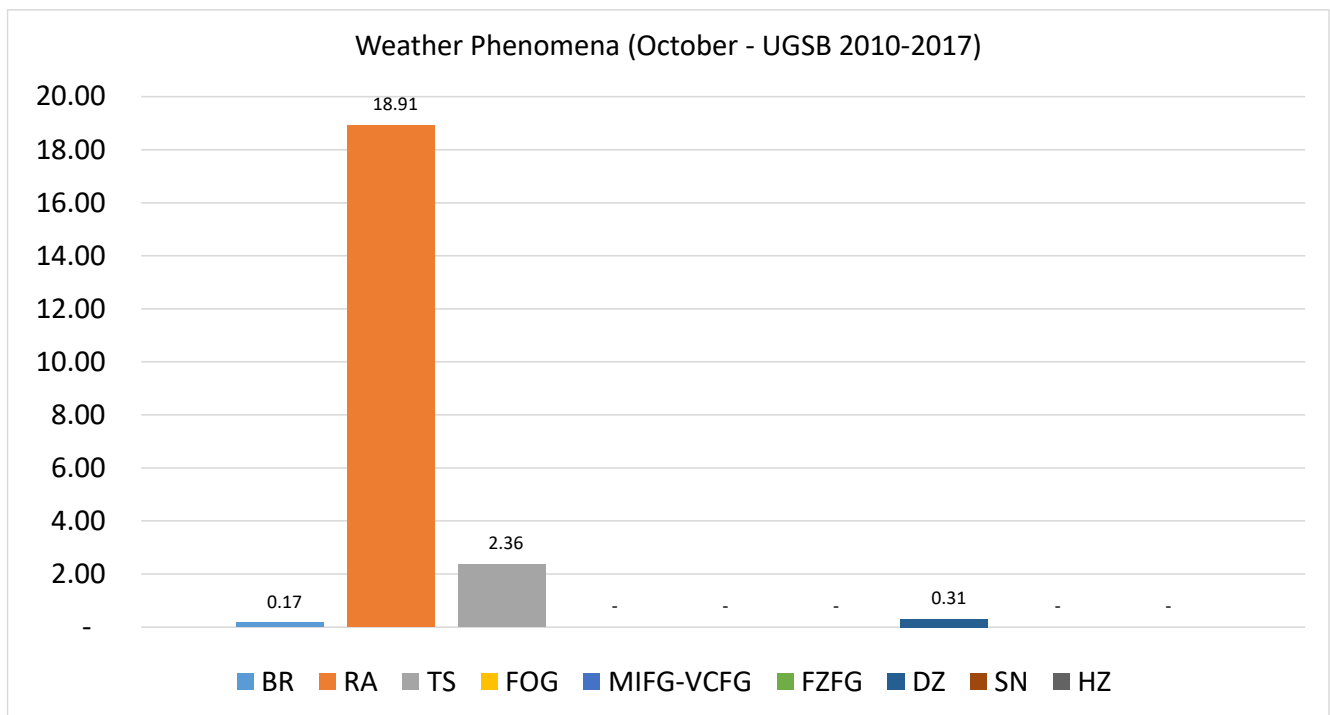
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	21.40	3.49	-	-	-	0.44	-	-
0030	-	20.45	3.18	-	-	-	1.36	-	-
0100	-	18.80	3.60	-	-	-	2.00	-	-
0130	-	20.18	2.29	-	-	-	0.92	-	-
0200	-	19.68	2.41	-	-	-	1.20	-	-
0230	-	20.00	2.33	-	-	-	0.93	-	-
0300	-	19.18	2.45	-	-	-	-	-	-
0330	-	18.43	2.30	-	-	-	1.38	-	-
0400	0.40	22.00	2.40	-	-	-	-	-	-
0430	-	18.72	3.20	-	-	-	-	-	-
0500	-	22.00	3.20	-	-	-	-	-	-
0530	0.46	17.97	5.07	-	-	-	-	-	-
0600	-	17.20	2.40	-	-	-	-	-	-
0630	0.47	17.76	2.80	-	-	-	-	-	-
0700	-	18.55	2.82	-	-	-	-	-	-
0730	0.46	18.06	1.85	-	-	-	-	-	-
0800	-	19.67	1.23	-	-	-	-	-	-
0830	-	15.96	0.47	-	-	-	0.47	-	-
0900	0.41	16.80	0.82	-	-	-	0.41	-	-
0930	-	17.37	1.41	-	-	-	-	-	-
1000	0.41	16.80	1.23	-	-	-	-	-	-
1030	0.47	15.02	0.47	-	-	-	-	-	-
1100	0.41	16.39	0.82	-	-	-	0.82	-	-
1130	0.46	15.21	0.92	-	-	-	0.46	-	-
1200	-	17.89	1.63	-	-	-	0.41	-	-
1230	0.46	17.97	1.38	-	-	-	-	-	-
1300	0.40	18.22	1.62	-	-	-	-	-	-
1330	-	15.60	0.92	-	-	-	-	-	-
1400	0.40	17.27	2.01	-	-	-	0.40	-	-
1430	0.46	17.05	2.76	-	-	-	-	-	-
1500	-	21.20	1.60	-	-	-	-	-	-
1530	-	18.81	1.38	-	-	-	-	-	-
1600	-	19.20	2.40	-	-	-	-	-	-
1630	0.46	16.06	1.83	-	-	-	-	-	-
1700	0.40	17.00	2.43	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	16.82	2.73	-	-	-	0.45	-	-
1800	0.41	19.01	3.72	-	-	-	-	-	-
1830	-	20.27	5.86	-	-	-	-	-	-
1900	0.40	19.03	4.86	-	-	-	-	-	-
1930	-	20.36	4.52	-	-	-	-	-	-
2000	0.40	19.76	2.82	-	-	-	-	-	-
2030	-	20.18	2.29	-	-	-	0.92	-	-
2100	-	22.41	2.90	-	-	-	0.83	-	-
2130	-	21.76	2.78	-	-	-	0.93	-	-
2200	0.40	22.18	2.02	-	-	-	-	-	-
2230	-	20.55	2.28	-	-	-	-	-	-
2300	-	22.98	1.61	-	-	-	-	-	-
2330	-	22.54	1.88	-	-	-	0.47	-	-
Mean	0.17	18.91	2.36	-	-	-	0.31	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in October are: rain – 18.91%, drizzle – 0.31%, mist – 0.17%.

The activity of thunderstorms in October constitutes 2.36%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10080

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

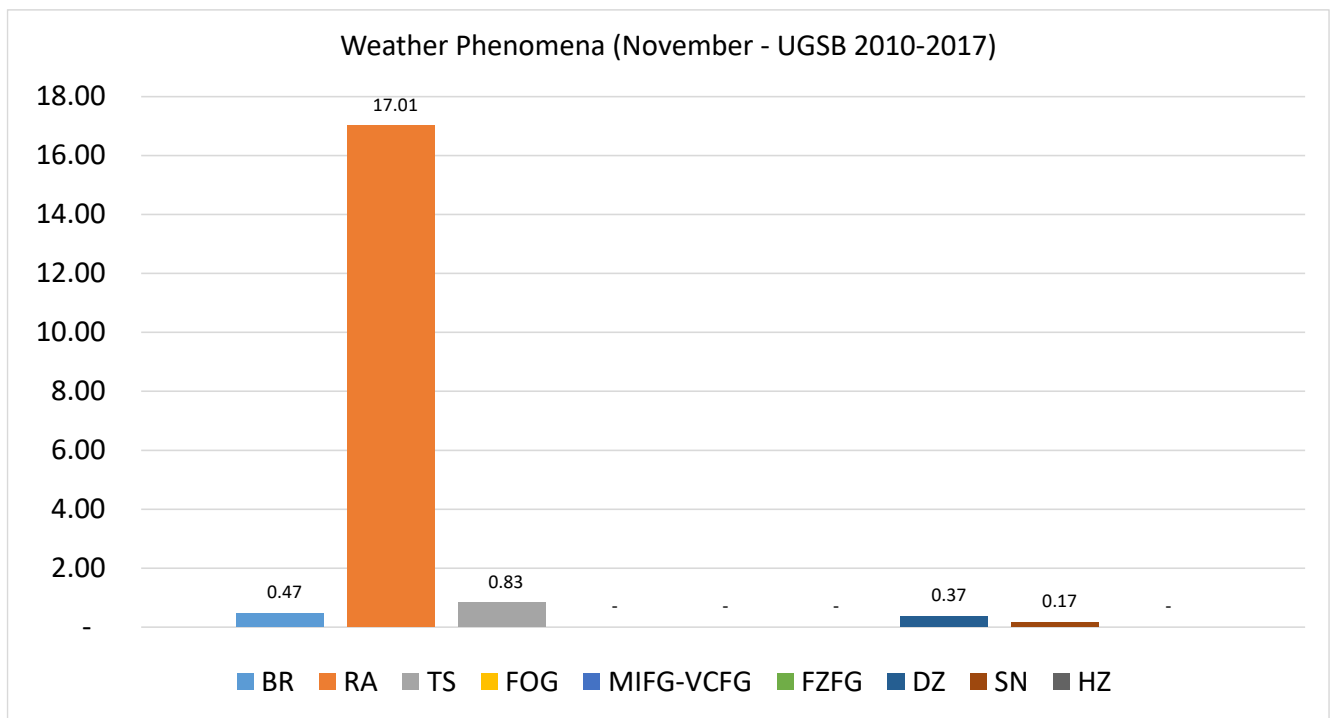
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	14.22	1.29	-	-	-	0.86	-	-
0030	-	18.27	0.48	-	-	-	0.96	0.48	-
0100	0.42	14.71	1.68	-	-	-	-	0.42	-
0130	0.48	18.36	2.42	-	-	-	0.48	-	-
0200	-	14.88	1.65	-	-	-	1.24	-	-
0230	-	15.79	-	-	-	-	0.48	-	-
0300	-	13.33	0.83	-	-	-	0.42	0.42	-
0330	-	18.27	0.48	-	-	-	-	0.48	-
0400	-	16.39	0.84	-	-	-	-	0.84	-
0430	0.47	16.59	0.47	-	-	-	-	0.47	-
0500	-	15.48	1.26	-	-	-	-	0.42	-
0530	0.48	17.79	1.44	-	-	-	-	-	-
0600	0.42	16.32	0.84	-	-	-	-	-	-
0630	0.97	18.36	0.97	-	-	-	-	-	-
0700	0.85	16.10	0.42	-	-	-	-	-	-
0730	0.98	17.65	-	-	-	-	-	-	-
0800	0.84	15.90	0.42	-	-	-	-	0.42	-
0830	0.97	17.87	-	-	-	-	-	-	-
0900	0.85	16.95	0.42	-	-	-	-	0.42	-
0930	0.48	17.14	0.48	-	-	-	-	-	-
1000	0.41	14.52	0.83	-	-	-	0.41	-	-
1030	0.47	17.06	1.42	-	-	-	-	0.47	-
1100	0.84	15.97	0.42	-	-	-	-	-	-
1130	1.45	20.77	0.97	-	-	-	-	0.48	-
1200	0.84	17.72	0.84	-	-	-	-	-	-
1230	0.48	19.32	1.93	-	-	-	-	-	-
1300	1.27	16.88	0.84	-	-	-	-	-	-
1330	0.96	18.18	0.48	-	-	-	0.48	0.48	-
1400	1.27	16.46	1.27	-	-	-	0.42	-	-
1430	-	17.79	0.48	-	-	-	0.48	-	-
1500	0.85	14.47	0.43	-	-	-	-	-	-
1530	-	20.10	0.48	-	-	-	-	-	-
1600	-	18.83	-	-	-	-	0.42	-	-
1630	-	19.32	0.48	-	-	-	-	-	-
1700	-	15.06	0.42	-	-	-	-	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.97	15.94	0.48	-	-	-	0.48	-	-
1800	0.42	17.50	0.83	-	-	-	-	-	-
1830	0.48	20.29	0.48	-	-	-	0.48	-	-
1900	0.42	15.55	0.84	-	-	-	-	0.42	-
1930	0.48	19.23	0.96	-	-	-	0.48	-	-
2000	-	16.32	1.67	-	-	-	0.42	-	-
2030	0.48	16.19	0.95	-	-	-	2.38	-	-
2100	0.85	16.95	0.85	-	-	-	1.69	0.42	-
2130	-	19.14	0.96	-	-	-	2.39	-	-
2200	0.42	14.83	1.27	-	-	-	0.42	0.42	-
2230	0.48	16.43	0.48	-	-	-	0.48	0.48	-
2300	-	16.67	0.42	-	-	-	1.25	-	-
2330	0.48	18.66	1.91	-	-	-	0.48	0.48	-
Mean	0.47	17.01	0.83	-	-	-	0.37	0.17	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in November are: rain – 17.01%, mist – 0.47%, drizzle – 0.37%.

The activity of thunderstorms in November constitutes 0.83%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 10416

OBSERVATION INTERVAL: 30 MIN.

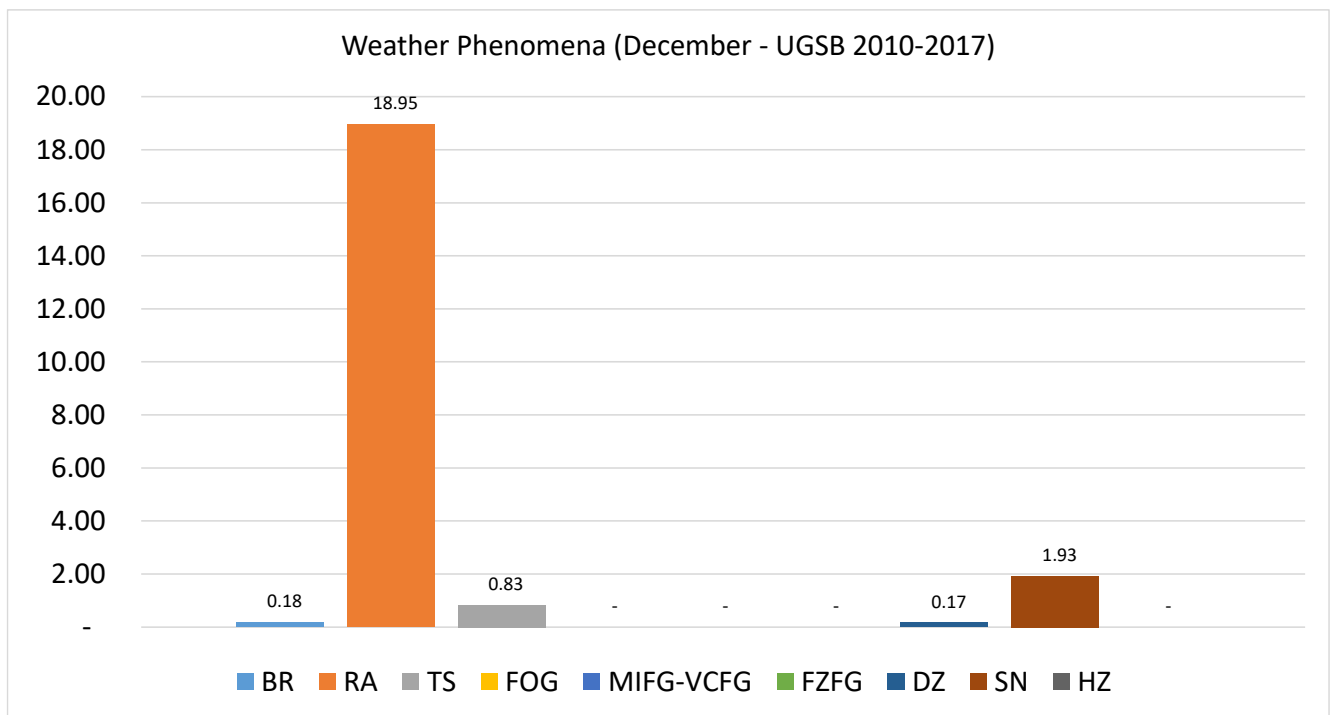
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	18.11	-	-	-	-	0.41	2.06	-
0030	-	19.63	0.46	-	-	-	0.91	1.83	-
0100	-	17.34	0.81	-	-	-	-	1.21	-
0130	-	19.09	0.45	-	-	-	0.45	2.27	-
0200	0.41	16.39	-	-	-	-	-	1.64	-
0230	-	18.26	-	-	-	-	-	1.37	-
0300	-	15.73	0.40	-	-	-	0.40	1.61	-
0330	-	16.44	0.91	-	-	-	0.91	1.83	-
0400	-	17.07	-	-	-	-	-	1.63	-
0430	0.93	18.69	1.40	-	-	-	-	1.87	-
0500	0.41	17.48	2.03	-	-	-	0.41	2.03	-
0530	0.46	20.83	0.46	-	-	-	-	1.85	-
0600	0.40	18.55	1.61	-	-	-	-	2.42	-
0630	-	17.59	1.39	-	-	-	-	2.31	-
0700	-	17.60	0.80	-	-	-	-	2.80	-
0730	0.47	20.93	1.40	-	-	-	-	2.33	-
0800	0.40	19.76	2.02	-	-	-	-	2.82	-
0830	0.47	21.60	0.94	-	-	-	0.47	2.82	-
0900	-	17.74	0.81	-	-	-	-	2.02	-
0930	-	22.38	0.48	-	-	-	-	2.86	-
1000	-	17.67	0.40	-	-	-	-	2.01	-
1030	-	19.34	-	-	-	-	-	2.36	-
1100	-	17.55	0.82	-	-	-	-	2.04	-
1130	-	21.80	-	-	-	-	-	1.90	-
1200	-	20.66	-	-	-	-	-	1.65	-
1230	-	21.86	0.47	-	-	-	-	1.40	-
1300	-	19.84	0.81	-	-	-	-	1.62	-
1330	0.47	23.00	0.94	-	-	-	-	2.35	-
1400	-	20.82	1.63	-	-	-	-	1.63	-
1430	-	21.50	0.47	-	-	-	-	2.34	-
1500	0.41	21.14	-	-	-	-	-	2.44	-
1530	0.47	20.56	0.47	-	-	-	-	1.87	-
1600	0.40	18.15	0.40	-	-	-	-	1.61	-
1630	0.46	20.37	1.39	-	-	-	-	1.85	-
1700	0.41	20.33	0.41	-	-	-	-	2.44	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	21.30	1.39	-	-	-	-	2.78	-
1800	0.40	20.56	1.61	-	-	-	-	2.02	-
1830	0.46	18.26	1.37	-	-	-	-	1.37	-
1900	-	19.28	0.40	-	-	-	-	1.20	-
1930	0.46	19.35	1.84	-	-	-	-	0.92	-
2000	-	17.34	2.02	-	-	-	-	0.81	-
2030	-	17.13	1.39	-	-	-	0.46	0.93	-
2100	0.81	17.00	0.81	-	-	-	0.81	1.21	-
2130	-	18.06	0.93	-	-	-	1.85	2.31	-
2200	-	16.67	1.22	-	-	-	-	1.22	-
2230	-	18.64	0.91	-	-	-	0.45	2.27	-
2300	-	14.34	0.82	-	-	-	-	2.46	-
2330	-	15.81	0.47	-	-	-	0.47	1.86	-
Mean	0.18	18.95	0.83	-	-	-	0.17	1.93	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in December are: rain – 18.95%, snow – 1.93%, drizzle – 0.17%.

The activity of thunderstorms in December constitutes 0.83%.

# WEATHER PHENOMENA PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

SEASON: WINTER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30336

OBSERVATION INTERVAL: 30 MIN.

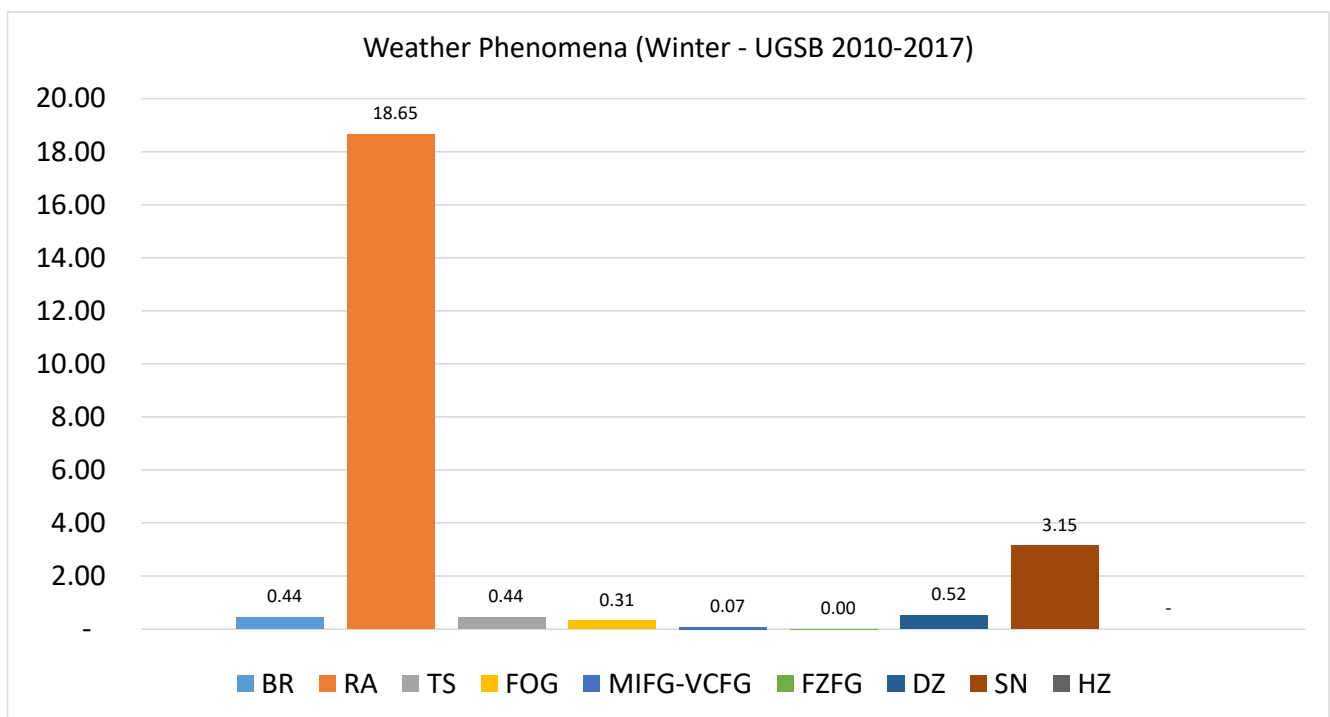
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	0.76	20.31	0.31	0.31	-	-	0.92	3.82	-
0030	0.52	17.25	0.52	0.35	-	-	2.61	3.48	-
0100	0.28	18.99	0.70	0.28	-	-	0.84	2.65	-
0130	0.17	17.30	0.35	0.17	-	-	0.69	3.98	-
0200	0.45	18.31	0.15	0.30	-	-	0.76	3.78	-
0230	0.53	18.74	0.18	0.35	-	-	1.05	3.68	-
0300	0.15	18.35	0.45	0.15	-	-	1.50	4.51	-
0330	-	17.33	0.69	0.17	-	-	1.04	3.47	-
0400	0.14	20.25	0.42	0.14	0.28	-	0.28	3.63	-
0430	0.53	19.26	0.88	0.18	0.35	-	-	3.53	-
0500	0.28	19.89	1.11	0.14	0.28	-	0.28	4.03	-
0530	0.52	18.85	0.35	0.17	0.35	-	0.35	4.19	-
0600	0.41	18.53	0.83	0.14	0.14	-	0.14	3.60	-
0630	0.18	18.10	0.70	-	0.18	-	0.18	3.51	-
0700	0.14	18.56	0.28	-	0.14	-	0.14	3.74	-
0730	0.18	18.25	0.53	0.35	-	-	0.53	3.68	-
0800	0.42	19.17	0.69	0.14	-	-	0.14	3.19	-
0830	0.35	19.33	0.35	0.35	0.18	-	0.35	3.87	-
0900	0.41	18.53	0.41	0.28	0.14	-	0.28	2.77	-
0930	0.70	19.01	0.18	0.35	0.18	-	0.18	3.87	-
1000	0.28	17.92	0.14	0.28	0.14	-	0.14	2.64	-
1030	0.18	17.25	-	0.35	0.18	-	0.53	3.35	-
1100	0.55	17.93	0.28	-	0.28	-	0.55	2.62	-
1130	0.18	17.81	-	0.18	0.35	-	0.35	3.17	-
1200	0.42	18.72	0.14	0.14	-	-	0.28	2.79	-
1230	0.17	18.36	0.17	0.52	-	-	0.35	2.97	-
1300	0.56	18.52	0.28	0.28	-	-	0.42	2.51	-
1330	0.35	18.71	0.35	0.35	-	-	0.52	3.32	-
1400	0.28	18.54	0.56	0.28	-	-	0.14	2.53	-
1430	-	19.05	0.35	0.53	0.18	-	-	3.00	-
1500	0.42	19.75	0.14	0.56	-	-	0.14	2.82	-
1530	0.35	19.09	0.18	0.53	-	-	0.18	3.15	-
1600	0.42	20.06	0.14	0.56	-	0.14	0.14	2.92	-
1630	0.35	19.93	0.52	0.70	-	-	0.17	3.15	-
1700	0.45	21.17	0.15	0.45	-	-	0.15	2.85	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.35	19.44	0.53	0.53	-	-	-	2.98	-
1800	0.31	19.82	0.61	0.46	-	-	0.15	2.30	-
1830	0.52	18.67	0.52	0.52	-	-	-	1.92	-
1900	0.43	19.15	0.28	0.43	-	-	-	2.27	-
1930	0.70	18.56	0.70	0.53	-	-	-	2.10	-
2000	0.63	18.08	1.26	0.47	-	-	0.63	2.20	-
2030	0.88	17.34	0.88	0.53	-	-	1.40	2.28	-
2100	1.29	16.96	0.48	0.32	-	-	2.10	2.10	-
2130	0.88	18.56	0.35	0.35	-	-	1.93	2.80	-
2200	0.75	17.57	0.90	0.15	0.15	-	0.15	2.40	-
2230	0.70	18.09	0.52	0.17	-	-	0.52	3.30	-
2300	0.67	17.14	0.33	0.17	-	-	0.33	3.99	-
2330	0.71	18.58	0.35	0.35	-	-	1.42	3.54	-
Mean	0.44	18.65	0.44	0.31	0.07	0.00	0.52	3.15	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Winter are: rain – 18.65%, snow – 3.15%, drizzle – 0.52%.

The activity of thunderstorms in Winter constitutes 0.44%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

SEASON: SPRING

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

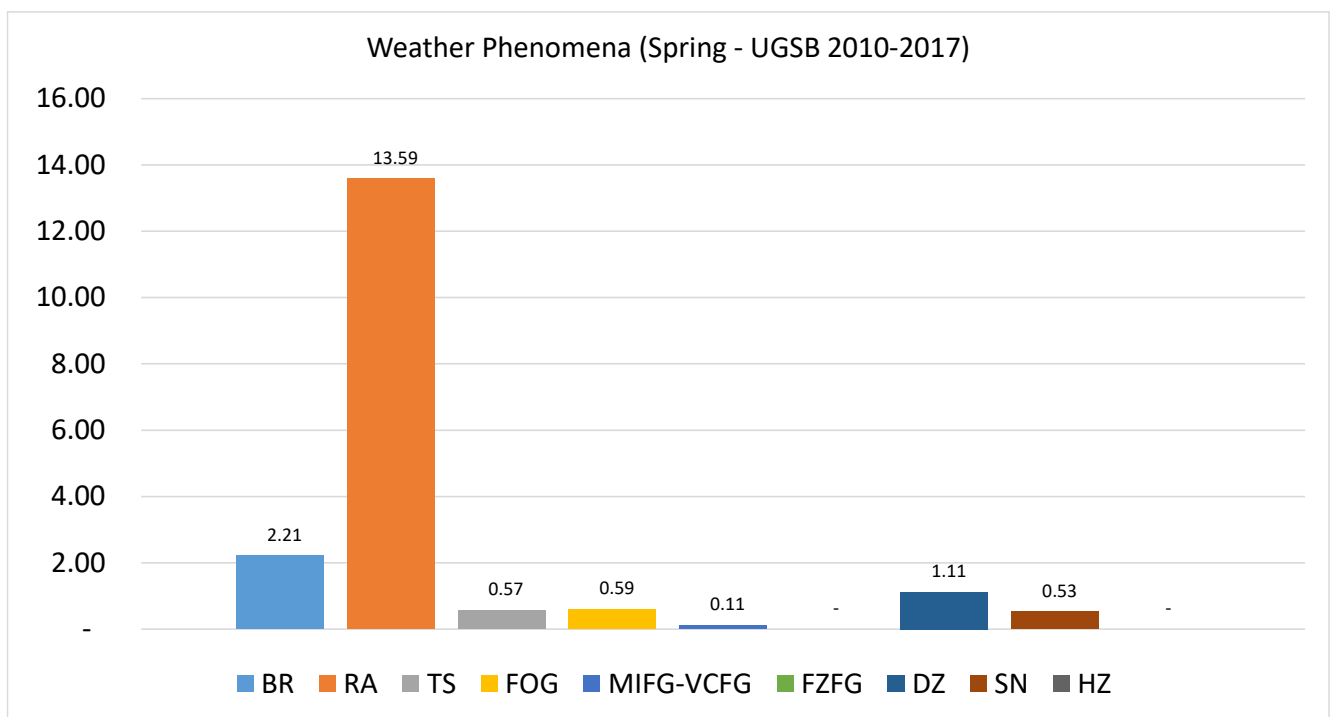
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.28	16.80	0.33	1.14	0.16	-	2.45	0.33	-
0030	3.06	12.79	0.36	1.26	-	-	2.88	0.36	-
0100	3.23	16.27	0.28	0.84	-	-	1.82	0.42	-
0130	3.78	12.61	0.36	1.08	-	-	1.80	1.08	-
0200	3.52	14.56	-	1.28	0.16	-	2.40	0.64	-
0230	3.25	12.27	-	1.08	-	-	2.17	0.54	-
0300	3.80	15.19	0.16	0.79	0.16	-	1.42	0.47	-
0330	3.06	13.33	0.18	1.08	0.54	-	1.08	0.36	-
0400	2.52	15.57	0.14	0.70	0.28	-	1.12	0.56	-
0430	2.53	14.29	0.36	0.54	-	-	0.54	1.27	-
0500	2.52	15.69	0.14	0.28	0.28	-	0.56	0.70	-
0530	2.19	12.75	-	0.36	0.36	-	1.09	1.28	-
0600	2.65	14.66	0.14	0.28	0.56	-	0.56	0.98	-
0630	2.18	13.09	0.36	0.36	0.55	-	0.73	1.09	-
0700	2.95	11.80	-	0.28	0.28	-	1.12	0.84	-
0730	1.81	10.33	-	0.36	0.18	-	0.18	0.91	-
0800	2.67	12.50	0.28	0.14	0.14	-	0.70	0.70	-
0830	1.26	11.55	0.54	0.18	0.36	-	0.18	0.36	-
0900	1.98	13.31	0.57	-	0.28	-	0.57	0.71	-
0930	1.46	11.13	0.36	-	0.18	-	0.18	1.09	-
1000	1.68	11.36	0.56	0.14	0.14	-	0.56	0.42	-
1030	1.63	12.34	0.73	-	-	-	0.36	0.54	-
1100	1.55	13.24	0.14	0.14	-	-	0.28	0.28	-
1130	1.99	11.59	0.54	-	-	-	0.36	0.72	-
1200	2.27	11.36	0.43	-	-	-	0.71	0.85	-
1230	2.35	12.30	1.08	-	-	-	0.36	1.08	-
1300	1.84	13.03	0.99	0.14	0.14	-	0.99	0.42	-
1330	1.98	13.51	1.80	-	0.18	-	0.72	-	-
1400	1.57	13.96	1.14	0.28	-	-	0.85	0.28	-
1430	1.09	14.03	1.64	0.18	-	-	0.73	-	-
1500	1.86	13.32	1.86	0.29	-	-	0.86	-	-
1530	1.81	15.97	1.81	0.54	-	-	0.73	-	-
1600	1.56	14.77	1.28	0.71	-	-	0.85	-	-
1630	1.27	14.00	1.09	0.36	-	-	0.73	0.18	-
1700	1.91	17.20	0.80	0.32	-	-	1.43	0.16	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.26	14.26	0.54	0.54	-	-	1.26	-	-
1800	2.11	13.15	0.49	0.65	-	-	1.30	0.49	-
1830	1.82	14.05	0.36	0.91	-	-	1.09	0.36	-
1900	1.45	13.64	0.58	0.73	-	-	1.16	0.15	-
1930	1.63	15.19	0.54	0.90	-	-	1.08	-	-
2000	2.03	13.87	0.51	0.85	0.17	-	1.02	0.51	-
2030	2.75	12.64	0.55	1.10	-	-	2.01	0.73	-
2100	3.50	13.13	0.70	1.05	-	-	2.28	0.53	-
2130	2.36	12.86	0.72	1.09	-	-	2.54	0.54	-
2200	2.02	12.40	0.31	1.24	0.16	-	2.02	0.47	-
2230	1.82	13.64	0.73	1.27	-	-	1.27	0.73	-
2300	1.80	15.50	0.54	1.62	0.18	-	0.90	0.72	-
2330	2.40	15.31	0.37	1.29	-	-	1.48	0.37	-
Mean	2.21	13.59	0.57	0.59	0.11	-	1.11	0.53	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Spring are: rain – 13.59%, mist – 2.21%, drizzle – 1.11%.

The activity of thunderstorms in Spring constitutes 0.57%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30912

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

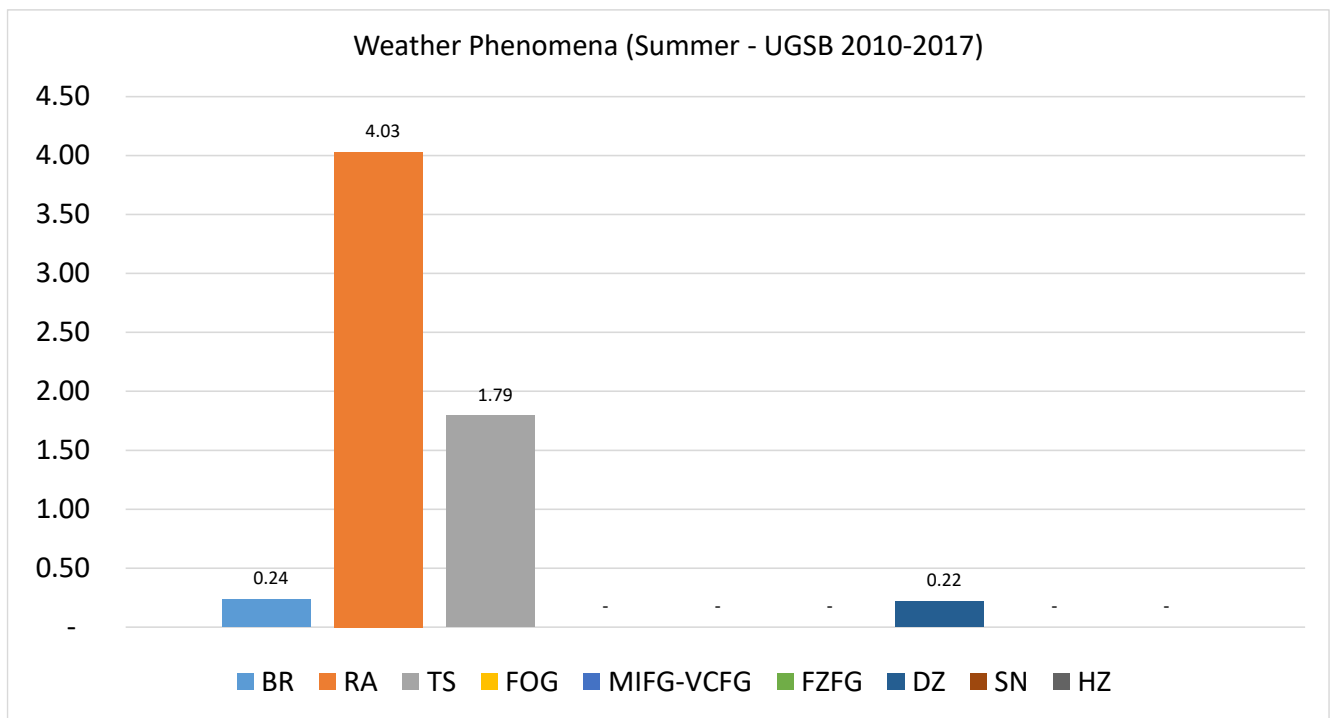
LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	0.29	4.40	2.65	-	-	-	0.14	-	-
0030	0.38	4.45	2.52	-	-	-	0.24	-	-
0100	0.35	3.53	2.00	-	-	-	0.18	-	-
0130	0.37	4.25	2.36	-	-	-	0.70	-	-
0200	0.27	4.80	1.56	-	-	-	0.27	-	-
0230	0.37	4.60	1.60	-	-	-	0.52	-	-
0300	0.30	4.07	1.55	-	-	-	0.12	-	-
0330	0.29	5.02	1.50	-	-	-	0.07	-	-
0400	0.11	4.19	1.69	-	-	-	0.12	-	-
0430	0.36	3.84	1.52	-	-	-	0.30	-	-
0500	0.23	3.40	1.35	-	-	-	0.34	-	-
0530	0.44	3.67	1.62	-	-	-	0.62	-	-
0600	0.17	3.67	1.20	-	-	-	0.23	-	-
0630	0.46	3.55	0.92	-	-	-	0.32	-	-
0700	0.33	2.81	1.04	-	-	-	0.33	-	-
0730	0.53	2.91	0.97	-	-	-	0.24	-	-
0800	0.45	2.41	0.73	-	-	-	0.17	-	-
0830	0.63	3.02	0.70	-	-	-	0.39	-	-
0900	0.28	2.38	0.51	-	-	-	0.17	-	-
0930	0.22	3.08	0.83	-	-	-	0.31	-	-
1000	0.22	2.38	0.33	-	-	-	0.17	-	-
1030	0.23	2.80	0.29	-	-	-	0.24	-	-
1100	0.17	2.09	0.45	-	-	-	-	-	-
1130	0.30	2.42	0.81	-	-	-	0.15	-	-
1200	0.29	2.22	0.85	-	-	-	0.06	-	-
1230	0.31	2.73	1.16	-	-	-	0.24	-	-
1300	0.28	2.63	1.12	-	-	-	0.11	-	-
1330	0.15	4.47	1.44	-	-	-	0.23	-	-
1400	0.11	3.23	1.24	-	-	-	0.06	-	-
1430	0.31	3.90	1.36	-	-	-	-	-	-
1500	0.17	3.41	1.44	-	-	-	0.06	-	-
1530	0.14	4.84	2.04	-	-	-	0.15	-	-
1600	0.17	3.80	2.04	-	-	-	0.23	-	-
1630	0.07	5.17	2.42	-	-	-	0.23	-	-
1700	0.06	5.25	2.96	-	-	-	0.06	-	-



FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.15	4.94	3.57	-	-	-	0.08	-	-
1800	0.19	5.49	3.11	-	-	-	0.21	-	-
1830	0.22	5.79	3.07	-	-	-	0.08	-	-
1900	-	4.88	2.62	-	-	-	-	-	-
1930	0.08	5.93	3.36	-	-	-	0.15	-	-
2000	0.13	5.03	3.04	-	-	-	-	-	-
2030	-	5.37	3.61	-	-	-	0.23	-	-
2100	0.07	5.44	2.55	-	-	-	0.41	-	-
2130	-	5.19	2.53	-	-	-	0.60	-	-
2200	0.06	4.51	2.05	-	-	-	0.17	-	-
2230	0.07	5.43	2.45	-	-	-	0.31	-	-
2300	0.21	5.65	2.39	-	-	-	0.21	-	-
2330	0.30	4.52	2.92	-	-	-	0.23	-	-
Mean	0.24	4.03	1.79	-	-	-	0.22	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Summer are: rain – 4.03%, drizzle – 0.22%, mist – 0.24%.

The activity of thunderstorms in Summer constitutes 1.79%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL H

AERODROME: UGSB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 30576

OBSERVATION INTERVAL: 30 MIN.

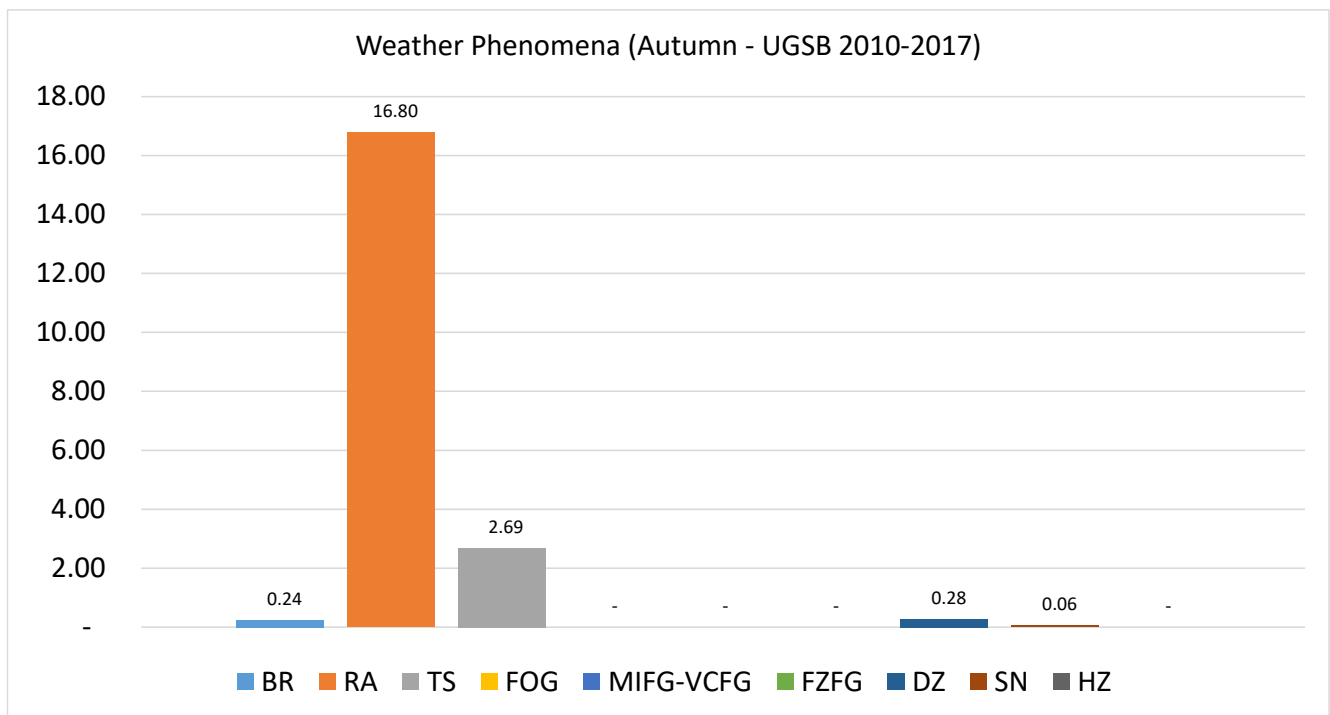
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	16.40	4.14	-	-	-	0.44	-	-
0030	-	17.58	3.30	-	-	-	0.94	0.16	-
0100	0.14	16.97	3.72	-	-	-	0.83	0.14	-
0130	0.31	17.61	3.62	-	-	-	0.47	-	-
0200	-	16.43	3.12	-	-	-	0.85	-	-
0230	-	17.27	2.67	-	-	-	0.63	-	-
0300	-	16.43	2.55	-	-	-	0.14	0.14	-
0330	0.16	17.88	2.69	-	-	-	0.47	0.16	-
0400	0.14	17.93	2.62	-	-	-	-	0.28	-
0430	0.31	16.59	2.97	-	-	-	-	0.16	-
0500	0.14	17.88	3.44	-	-	-	-	0.14	-
0530	0.32	17.30	3.81	-	-	-	0.16	-	-
0600	0.14	15.27	2.75	-	-	-	0.14	-	-
0630	0.48	16.48	3.17	-	-	-	0.16	-	-
0700	0.28	16.25	2.36	-	-	-	0.14	-	-
0730	0.48	17.22	1.91	-	-	-	-	-	-
0800	0.28	16.09	2.08	-	-	-	-	0.14	-
0830	0.48	15.45	1.91	-	-	-	0.16	-	-
0900	0.42	15.62	1.81	-	-	-	0.14	0.14	-
0930	0.16	16.06	1.59	-	-	-	-	-	-
1000	0.28	13.73	1.66	-	-	-	0.14	-	-
1030	0.32	14.67	1.42	-	-	-	-	0.16	-
1100	0.42	13.75	1.39	-	-	-	0.28	-	-
1130	0.63	16.35	1.75	-	-	-	0.16	0.16	-
1200	0.28	15.69	2.08	-	-	-	0.14	-	-
1230	0.32	16.09	2.21	-	-	-	-	-	-
1300	0.55	16.48	2.22	-	-	-	-	-	-
1330	0.31	15.12	1.89	-	-	-	0.16	0.16	-
1400	0.55	15.40	2.77	-	-	-	0.28	-	-
1430	0.16	15.82	2.37	-	-	-	0.16	-	-
1500	0.42	16.97	2.50	-	-	-	-	-	-
1530	0.16	17.67	2.05	-	-	-	-	-	-
1600	0.14	17.61	2.61	-	-	-	0.14	-	-
1630	0.16	17.56	2.69	-	-	-	-	-	-
1700	0.14	16.09	2.77	-	-	-	-	-	-

FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.31	15.91	2.36	-	-	-	0.31	-	-
1800	0.29	17.29	2.86	-	-	-	-	-	-
1830	0.16	18.78	3.91	-	-	-	0.16	-	-
1900	0.28	16.60	4.01	-	-	-	-	0.14	-
1930	0.16	19.00	3.45	-	-	-	0.16	-	-
2000	0.14	17.32	2.68	-	-	-	0.14	-	-
2030	0.16	17.27	3.45	-	-	-	1.26	-	-
2100	0.29	18.50	2.75	-	-	-	1.16	0.14	-
2130	-	18.33	2.84	-	-	-	1.58	-	-
2200	0.28	17.75	3.05	-	-	-	0.42	0.14	-
2230	0.16	17.91	2.85	-	-	-	0.16	0.16	-
2300	-	19.29	2.98	-	-	-	0.43	-	-
2330	0.16	18.54	3.17	-	-	-	0.48	0.16	-
Mean	0.24	16.80	2.69	-	-	-	0.28	0.06	-

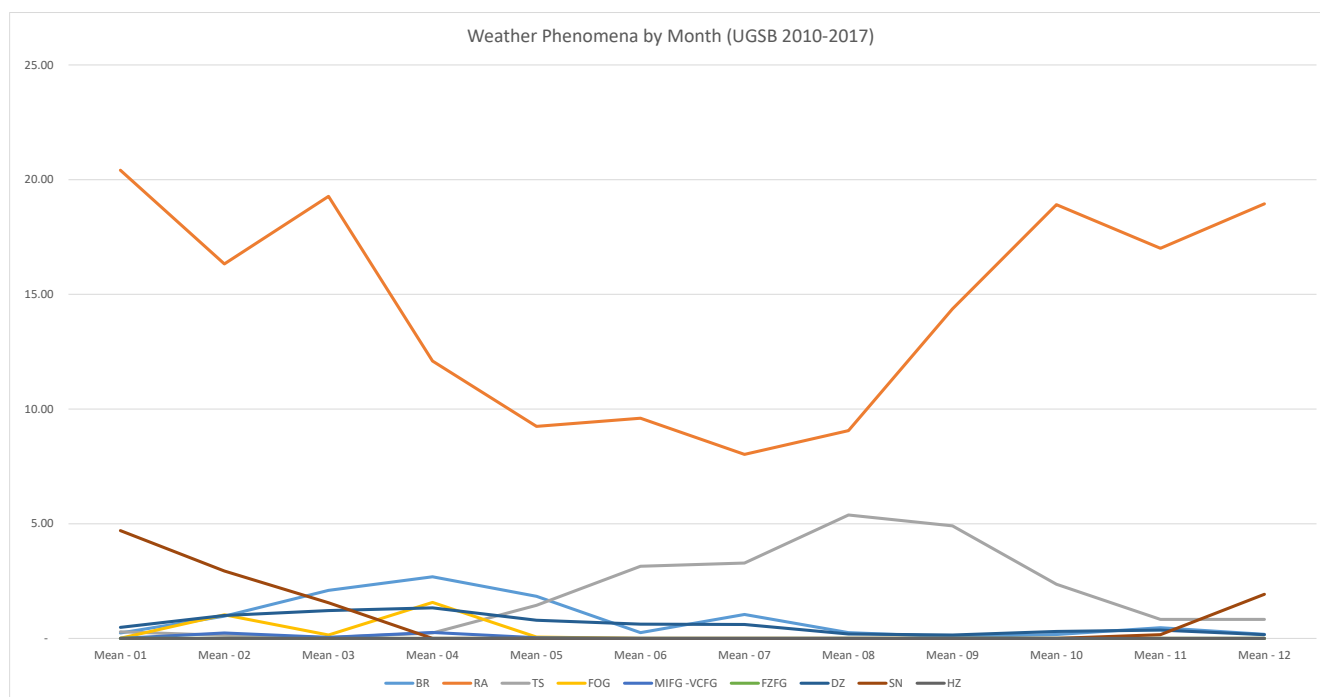


During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Autumn are: rain – 16.80%, drizzle – 0.28%, mist – 0.24%.

The activity of thunderstorms in Autumn constitutes 2.69%.

## WEATHER PHENOMENA AVERAGE BY MONTHS

MEAN FREQUENCIES (PERCENT) OF WEATHER PHENOMENA OCCURRENCES BY MONTHS									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
January	0.24	20.42	0.29	0.01	-	0.01	0.48	4.70	-
February	0.97	16.33	0.13	1.03	0.24	-	1.00	2.94	-
March	2.09	19.27	0.04	0.15	0.05	-	1.22	1.56	-
April	2.69	12.10	0.24	1.57	0.26	-	1.33	-	-
May	1.84	9.24	1.45	0.06	0.03	-	0.79	-	-
June	0.26	9.60	3.15	-	-	-	0.62	-	-
July	1.05	8.02	3.29	-	-	-	0.61	-	-
August	0.26	9.06	5.39	-	-	-	0.19	-	-
September	0.08	14.36	4.91	-	-	-	0.15	-	-
October	0.17	18.91	2.36	-	-	-	0.31	-	-
November	0.47	17.01	0.83	-	-	-	0.37	0.17	-
December	0.18	18.95	0.83	-	-	-	0.17	1.93	-



# CORRELATION BETWEEN MONTHLY RAINFALL AND AVERAGE TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: JANUARY

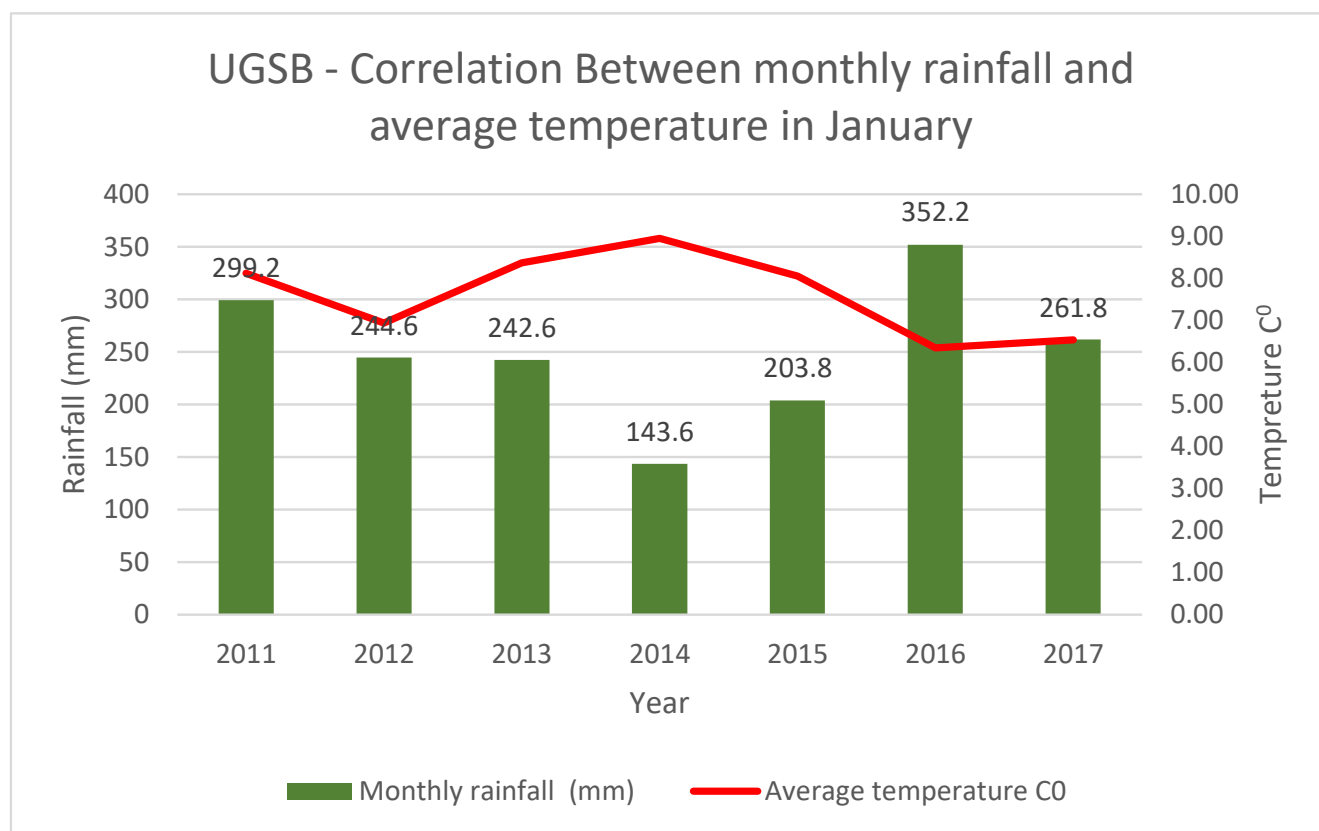
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in January (UGSB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	299.2	8.13
2012	244.6	6.94
2013	242.6	8.37
2014	143.6	8.96
2015	203.8	8.06
2016	352.2	6.35
2017	261.8	6.53
Total rainfall	1747.8	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: FEBRUARY

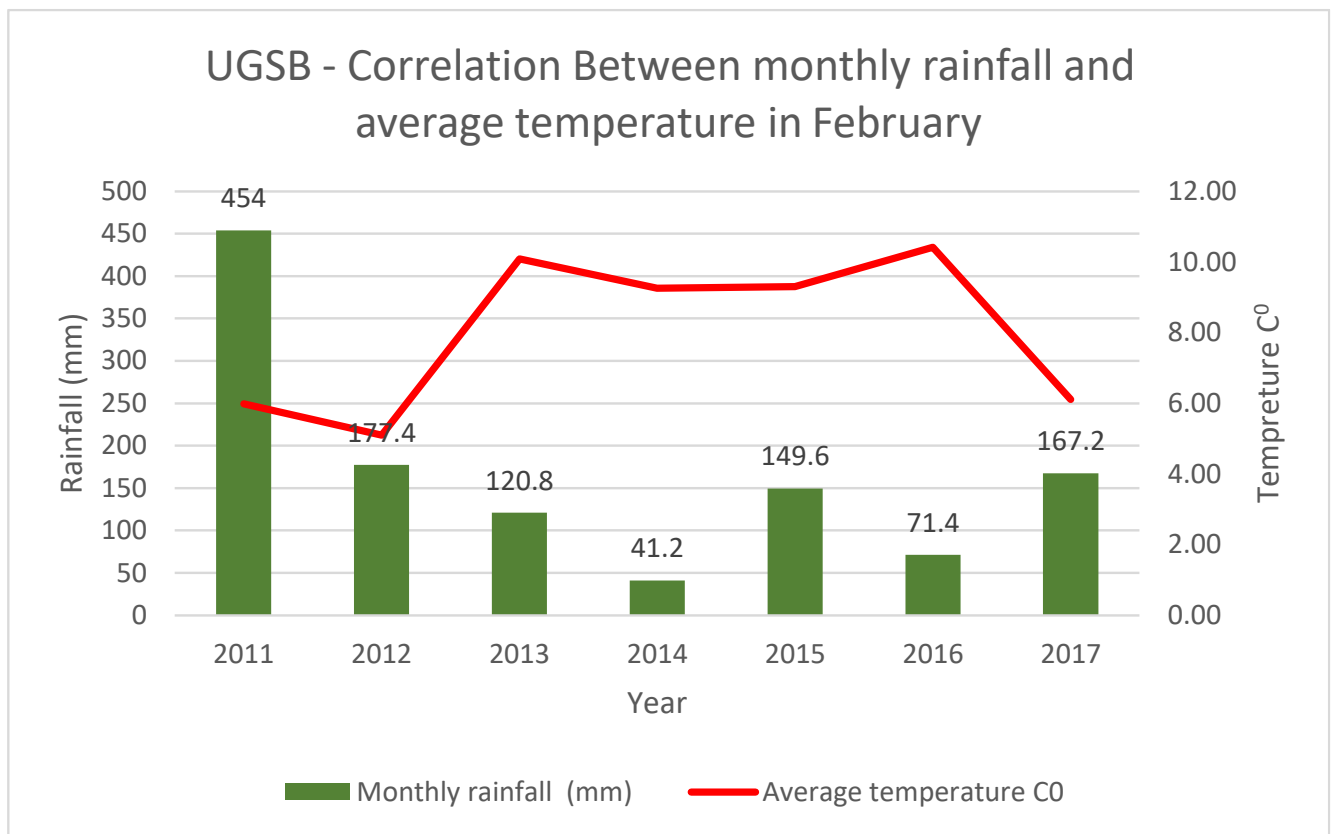
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in February (UGSB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	454	5.98
2012	177.4	5.10
2013	120.8	10.08
2014	41.2	9.25
2015	149.6	9.30
2016	71.4	10.42
2017	167.2	6.11
<b>Total rainfall</b>	<b>1181.6</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: MARCH

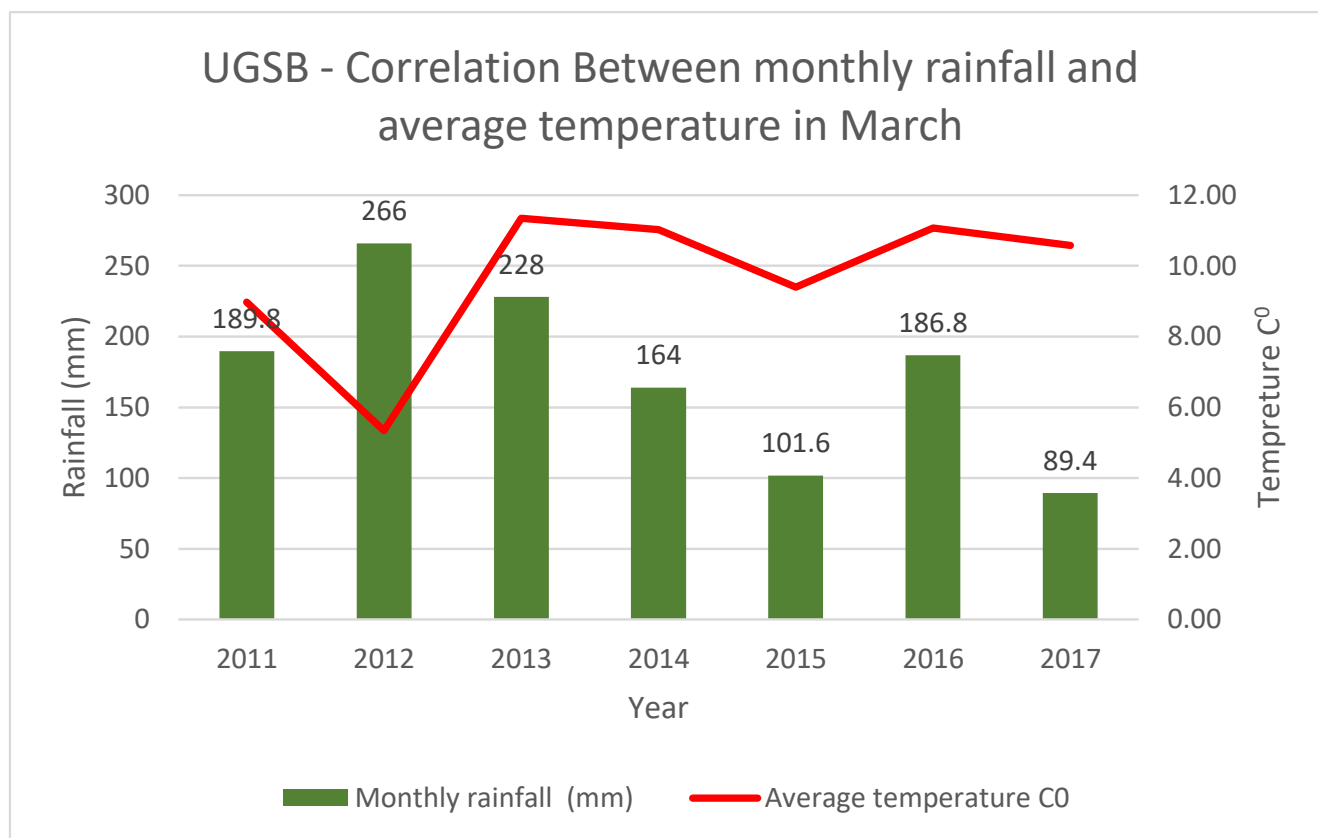
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in March (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>o</sup>
2011	189.8	8.98
2012	266	5.34
2013	228	11.34
2014	164	11.02
2015	101.6	9.39
2016	186.8	11.07
2017	89.4	10.58
<b>Total rainfall</b>	<b>1225.6</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: APRIL

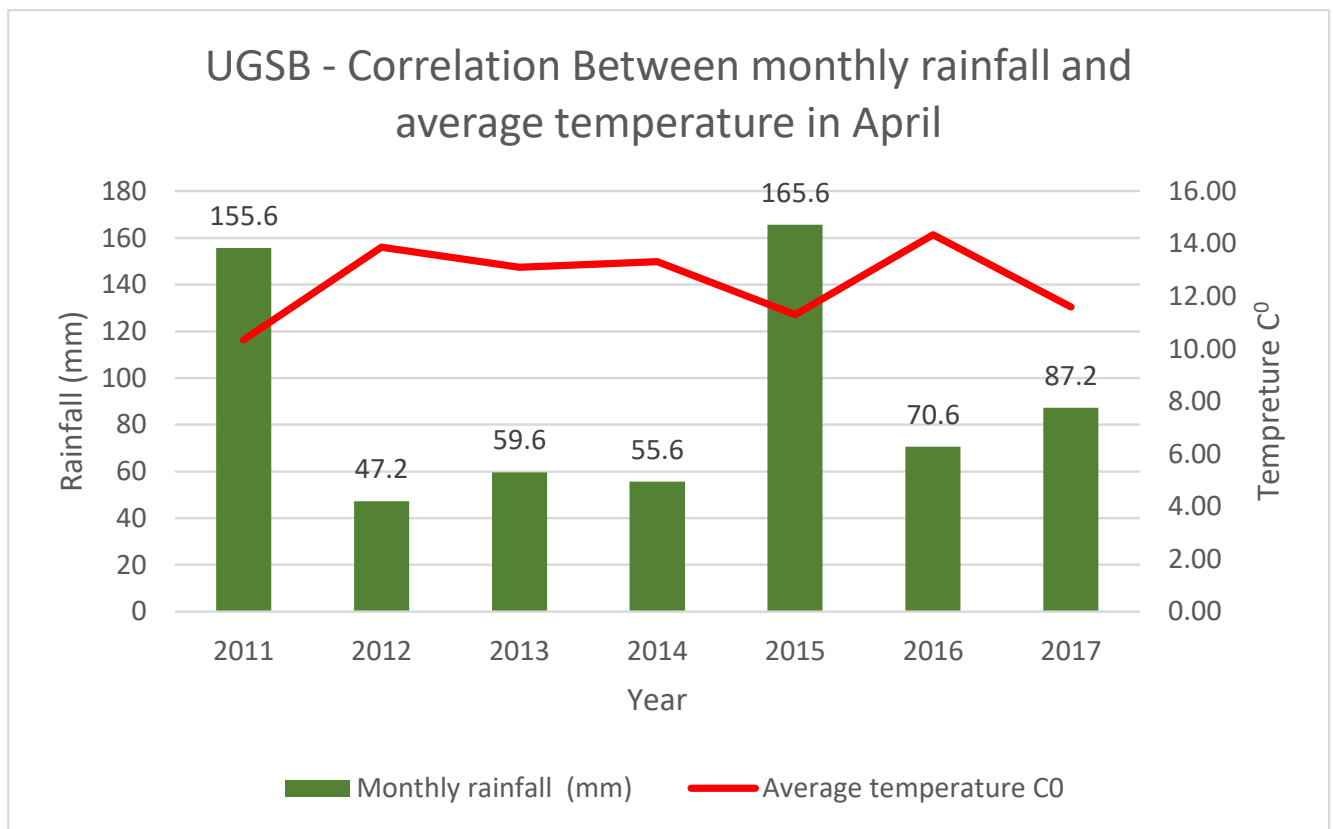
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in April (UGSB)		
Year, Month	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	155.6	10.34
2012	47.2	13.87
2013	59.6	13.10
2014	55.6	13.31
2015	165.6	11.30
2016	70.6	14.34
2017	87.2	11.59
<b>Total rainfall</b>	<b>641.4</b>	





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: MAY

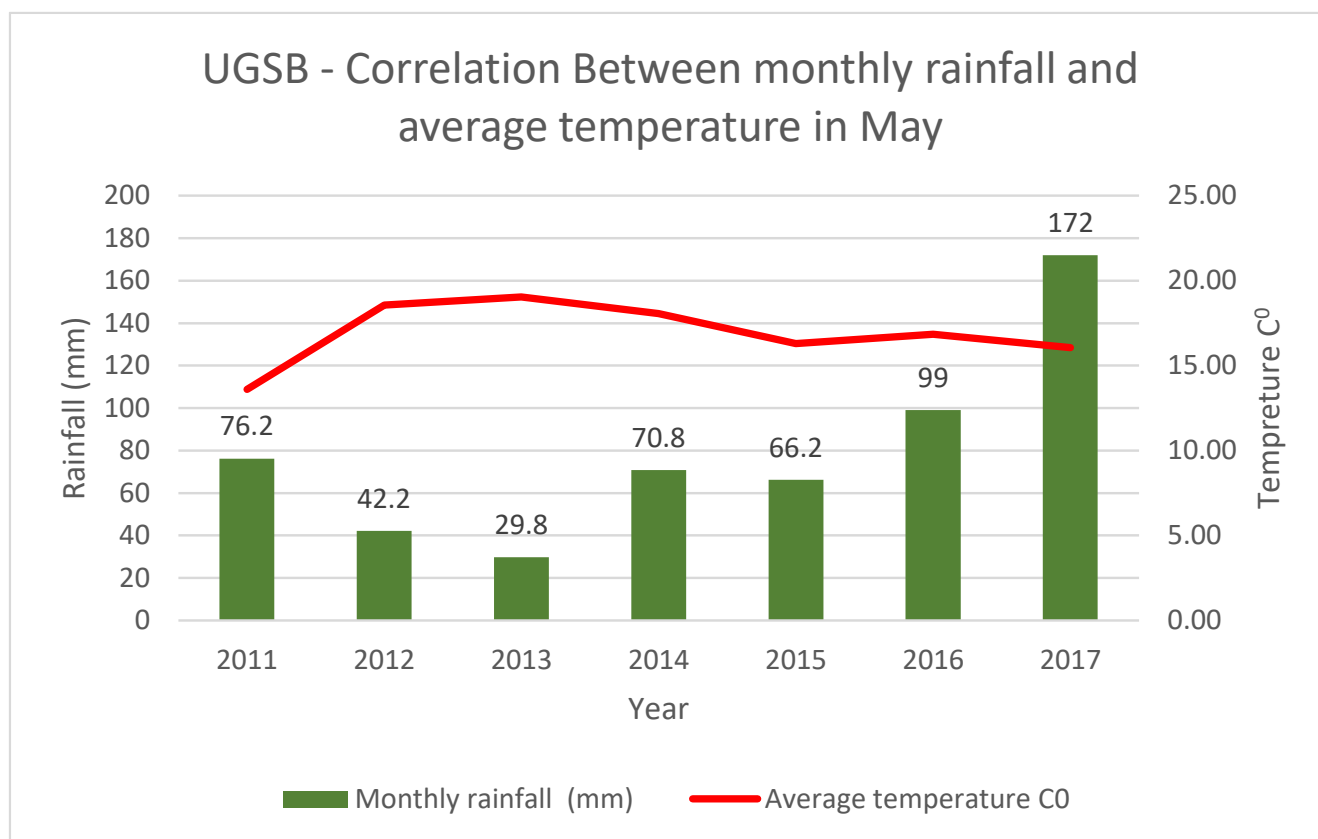
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in May (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	76.2	13.59
2012	42.2	18.57
2013	29.8	19.05
2014	70.8	18.07
2015	66.2	16.31
2016	99	16.85
2017	172	16.07
<b>total rainfall</b>	<b>556.2</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: JUNE

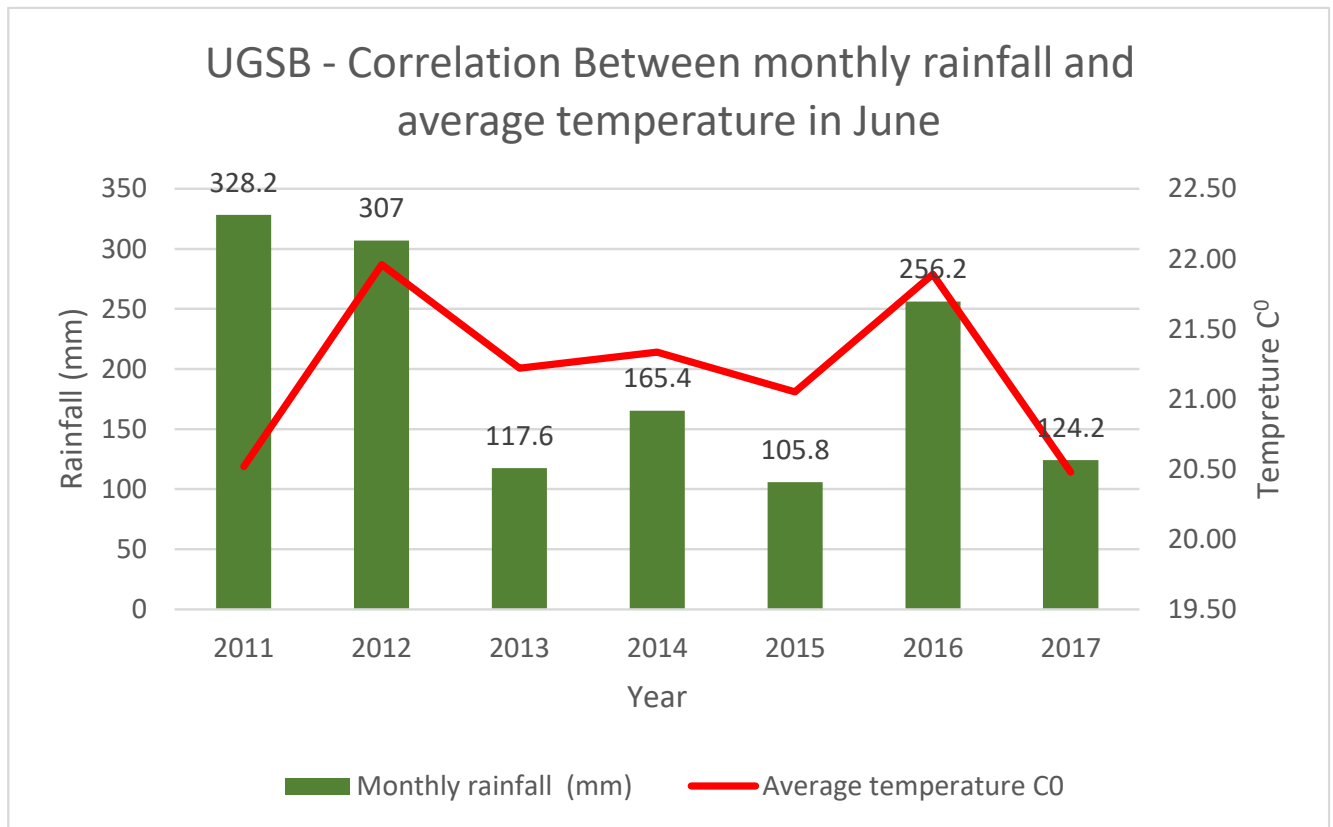
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in June (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	328.2	20.52
2012	307	21.96
2013	117.6	21.22
2014	165.4	21.34
2015	105.8	21.05
2016	256.2	21.89
2017	124.2	20.48
<b>Total rainfall</b>	<b>1404.4</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: JULY

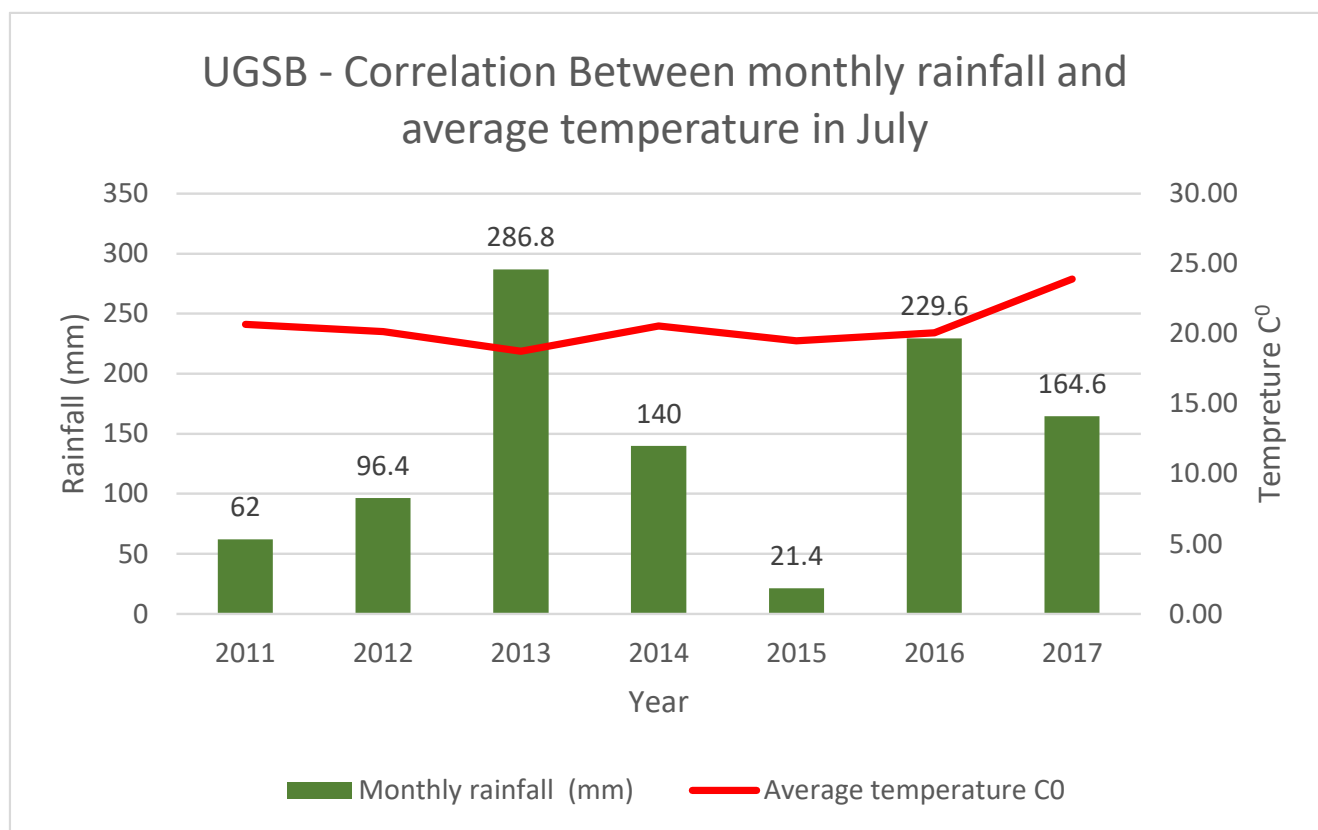
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in July (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	62	20.68
2012	96.4	20.15
2013	286.8	18.74
2014	140	20.57
2015	21.4	19.50
2016	229.6	20.07
2017	164.6	23.91
<b>Total rainfall</b>	<b>1000.8</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: AUGUST

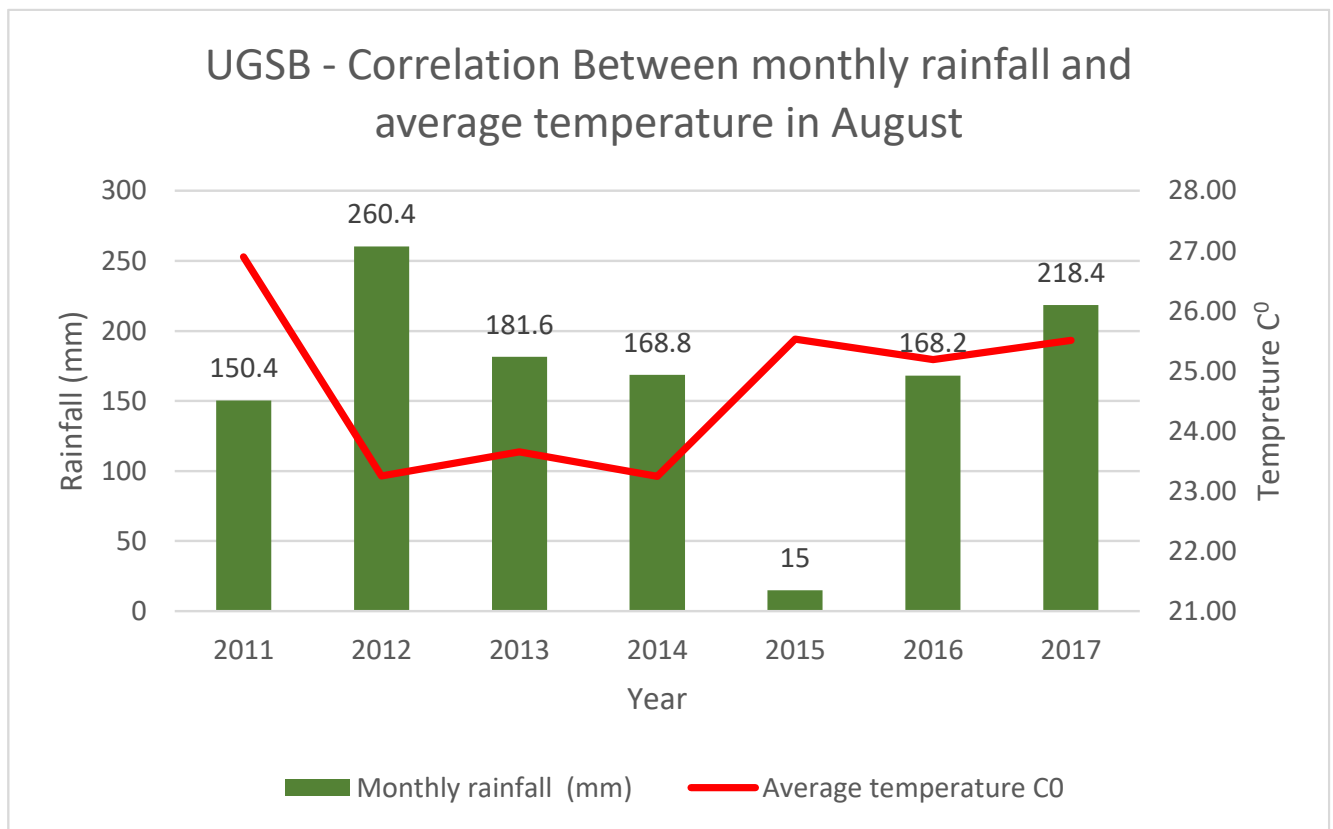
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in August (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	150.4	26.90
2012	260.4	23.25
2013	181.6	23.65
2014	168.8	23.25
2015	15	25.53
2016	168.2	25.19
2017	218.4	25.51
<b>Total rainfall</b>	<b>1162.8</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: SEPTEMBER

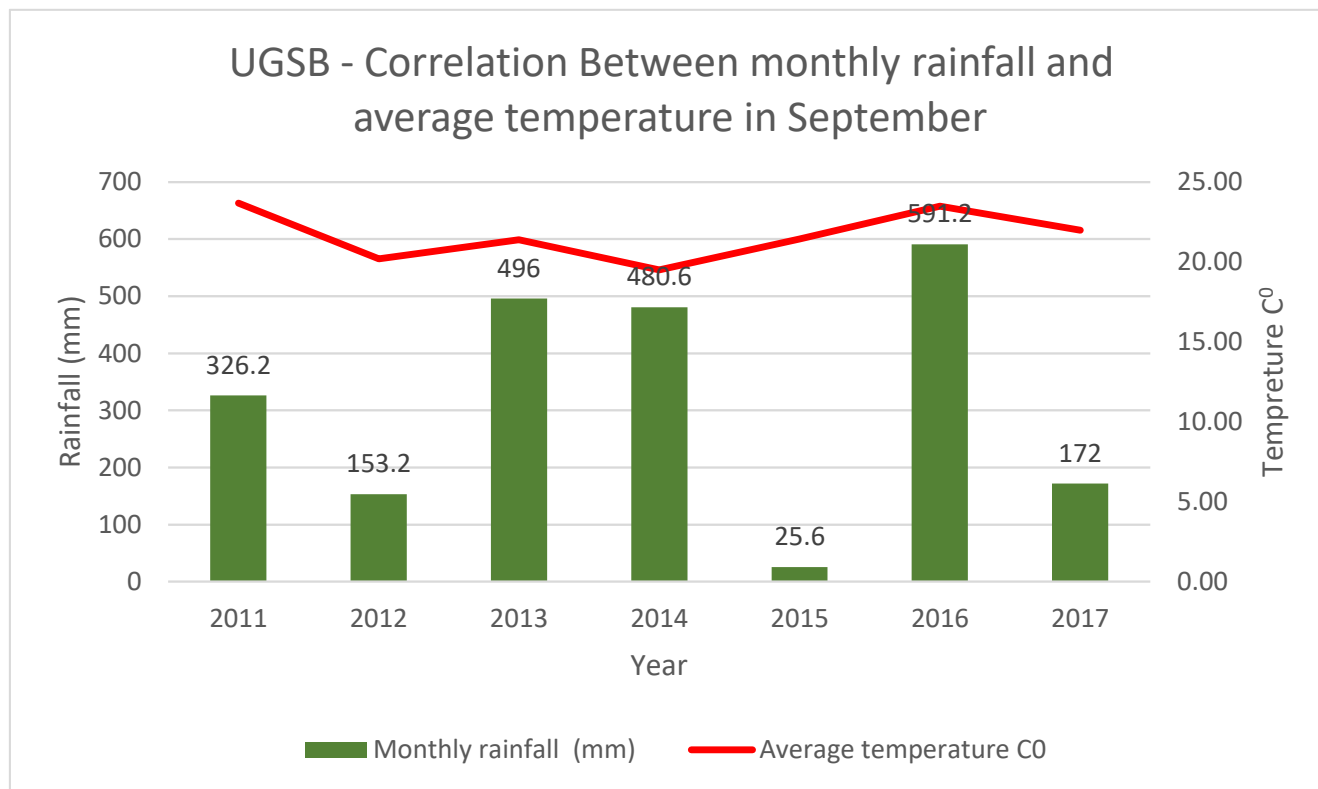
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in September (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	326.2	23.68
2012	153.2	20.19
2013	496	21.39
2014	480.6	19.51
2015	25.6	21.43
2016	591.2	23.50
2017	172	21.99
<b>Total rainfall</b>	<b>2244.8</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: OCTOBER

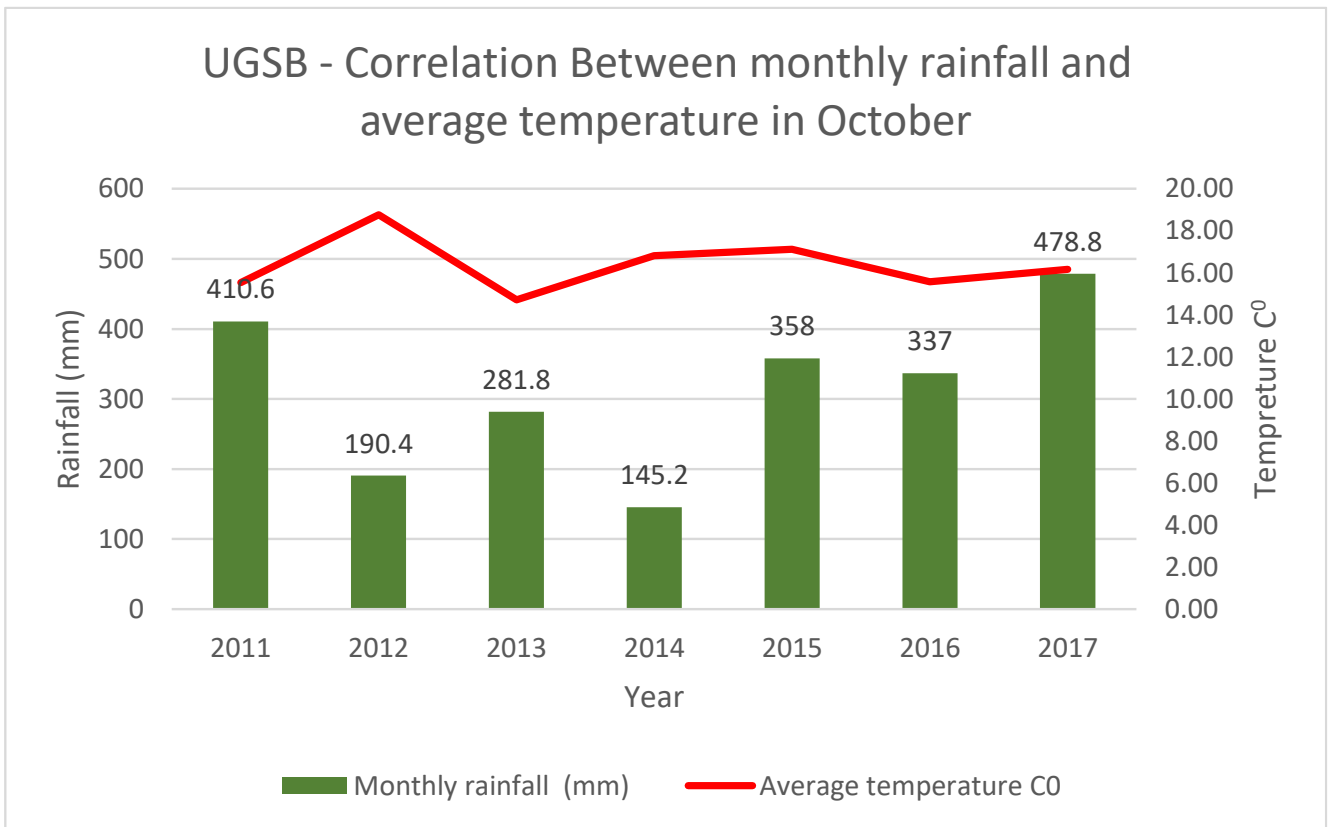
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in October (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	410.6	15.55
2012	190.4	18.76
2013	281.8	14.73
2014	145.2	16.83
2015	358	17.12
2016	337	15.58
2017	478.8	16.18
Total rainfall	2201.8	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: NOVEMBER

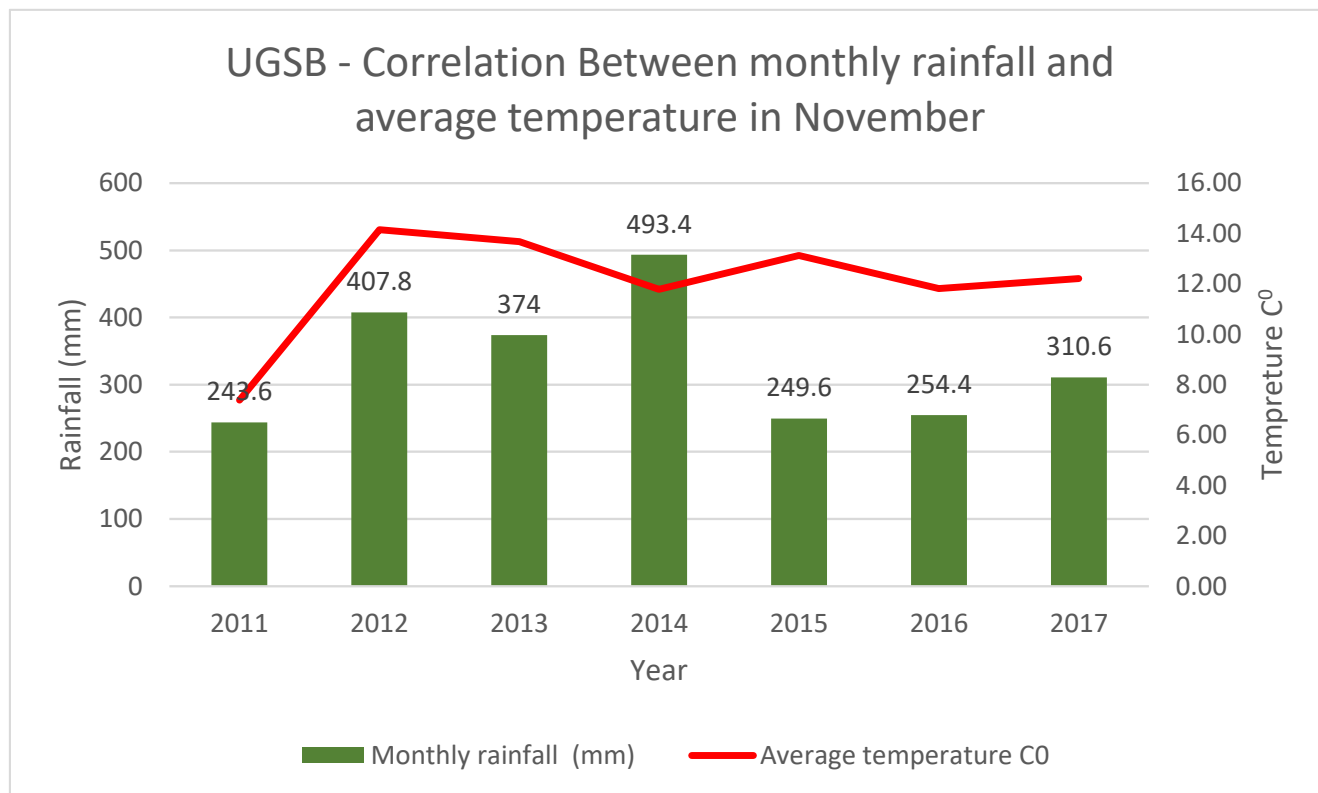
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in November (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	243.6	7.39
2012	407.8	14.15
2013	374	13.68
2014	493.4	11.79
2015	249.6	13.13
2016	254.4	11.82
2017	310.6	12.21
<b>Total rainfall</b>	<b>2333.4</b>	



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL I**

AERODROME: UGSB

MONTH: DECEMBER

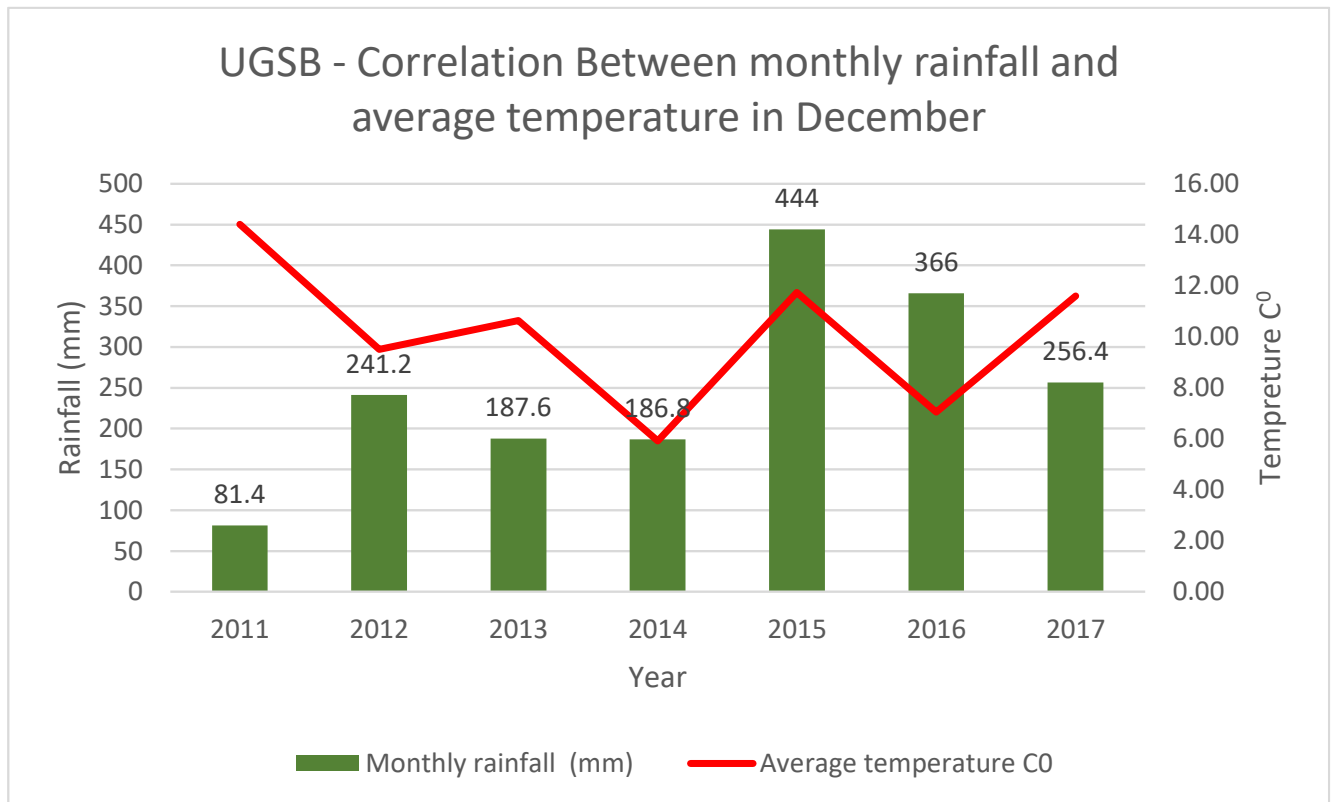
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Correlation Between monthly rainfall and average temperature in December (UGSB)		
Year	Monthly rainfall (mm)	Average temperature C <sup>0</sup>
2011	81.4	14.42
2012	241.2	9.51
2013	187.6	10.64
2014	186.8	5.92
2015	444	11.73
2016	366	7.04
2017	256.4	11.60
<b>Total rainfall</b>	<b>1763.4</b>	





# ANNUAL RAINFALL

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL J

AERODROME: UGSB

ANNUAL

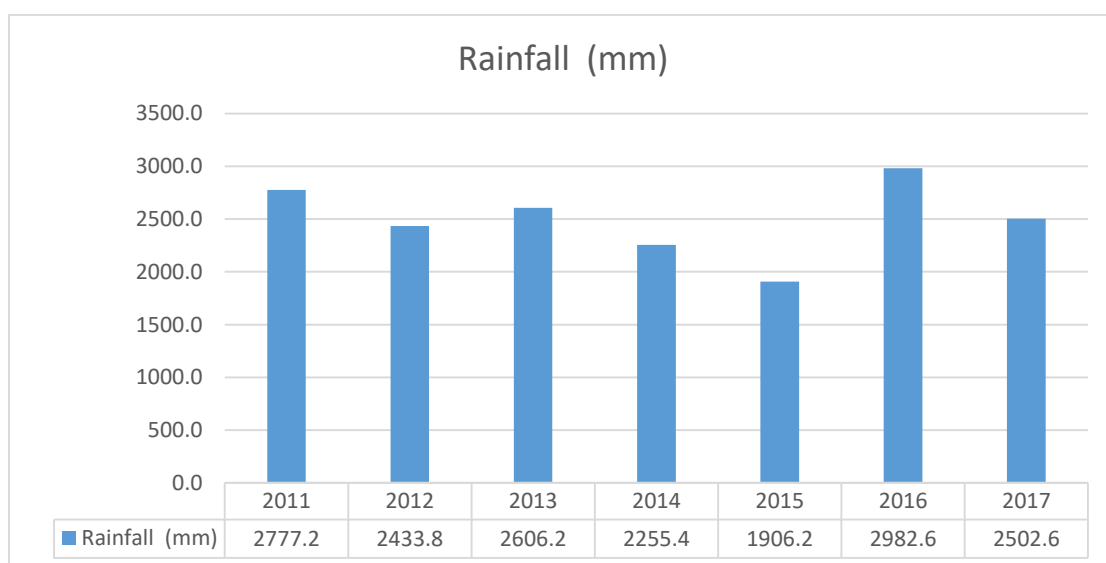
PERIOD OF RECORD: 2011-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Annual rainfall							
UGSB	Year						
	2011	2012	2013	2014	2015	2016	2017
Rainfall (mm)	2777.2	2433.8	2606.2	2255.4	1906.2	2982.6	2502.6



AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM

MODEL K

AERODROME: UGSB

MONTHLY

PERIOD OF RECORD: 2010-2017

TOTAL NUMBER OF OBSERVATIONS: 122736

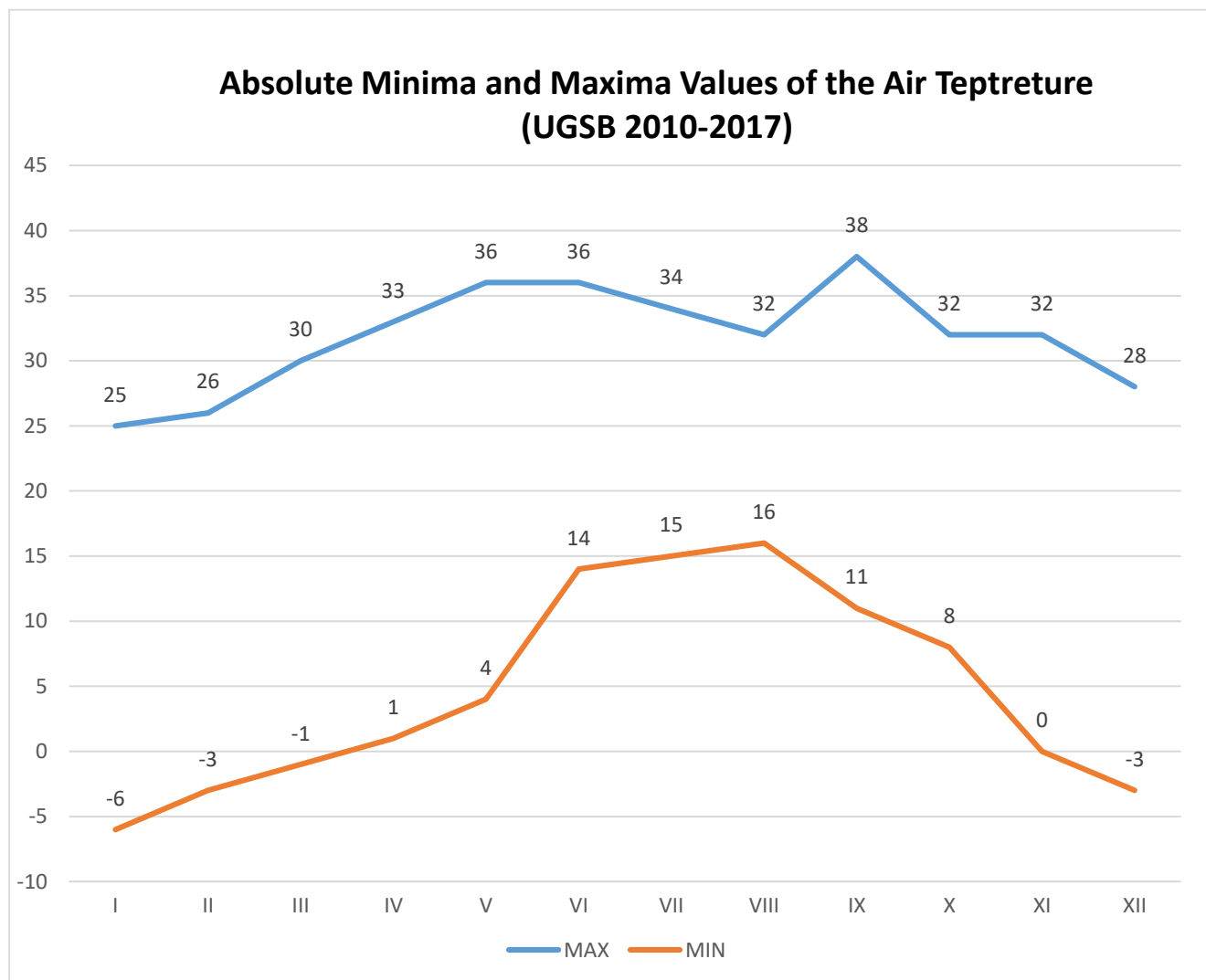
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

Absolute Minimum and Maximum Values of the Air Temperature (UGKO 2010-2017)												
TEMP (C°)	MONTH											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
MAX	25	26	30	33	36	36	34	32	38	32	32	28
MIN	-6	-3	-1	1	4	14	15	16	11	8	0	-3



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL L**

AERODROME: UGSB                      MONTHLY                      PERIOD OF RECORD: 2010-2017  
 TOTAL NUMBER OF OBSERVATIONS: 122736                      OBSERVATION INTERVAL: 30 MIN.  
 LATITUDE: 413636.00N                      LONGITUDE: 0413558.92E                      ELEVATION ABOVE MSL: 108 FT

MAXIMUM VALUE OF THE WIND GUST (UGSB 2010-2017)												
WIND GUST SPEED	MONTH											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
KT (KNOT)	45	40	47	45	60	38	37	40	42	43	45	49
M / S	23	21	24	23	31	20	19	21	22	22	23	25

**DEPARTURE AND ARRIVAL FOR UGTB AIRPORT**  
**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY**  
**TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF JANUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100			
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0300			
0400			
0500			
0600	WORSE	GOOD	
0700	WORSE	GOOD	
0800	WORSE	GOOD	
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE		
1300	WORSE		
1400	WORSE		
1500	WORSE	GOOD	
1600	WORSE	GOOD	
1700			
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2000			
2100			
2200			
2300			

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF FEBRUARY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE		
0100	WORSE	GOOD	
0200			
0300			
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	
0600	WORSE		
0700	WORSE	GOOD	
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	
1000	WORSE	GOOD	
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	
1500	WORSE	GOOD	
1600	WORSE	GOOD	
1700	WORSE	GOOD	
1800	WORSE		
1900	WORSE	GOOD	
2000	WORSE	GOOD	
2100	WORSE	GOOD	
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF MARCH)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
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1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
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1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE		
2200	WORSE	GOOD	
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF APRIL)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	
0100	WORSE		
0200	WORSE		
0300			
0400	WORSE		
0500	WORSE	GOOD	
0600	WORSE	GOOD	
0700			
0800	WORSE		
0900	WORSE	GOOD	
1000	WORSE	GOOD	
1100	WORSE		
1200	WORSE	GOOD	
1300	WORSE	GOOD	
1400	WORSE	GOOD	
1500	WORSE		
1600	WORSE	GOOD	
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	
1900	WORSE	GOOD	
2000	WORSE		
2100			
2200			
2300			

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF MAY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	
0200	WORSE		
0300	WORSE	GOOD	
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500			
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF JUNE)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
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1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500			
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1700			
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1900	WORSE	GOOD	BETTER
2000			
2100			
2200			
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF JULY)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100			
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400			
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
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1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800			
1900			
2000			
2100			
2200	WORSE	GOOD	BETTER
2300			

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF AUGUST)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100			
0200			
0300			
0400			
0500			
0600			
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600			
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2100			
2200			
2300			

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF SEPTEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000			
0100			
0200			
0300			
0400			
0500			
0600			
0700	WORSE	GOOD	BETTER
0800			
0900			
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000	WORSE	GOOD	BETTER
2100			
2200			
2300			

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF OCTOBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
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1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900			
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL M**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF NOVEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	BETTER
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL M**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2017

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

TIME (UTC)	DEPARTURE AND ARRIVAL FOR UGSB AIRPORT (MONTH OF DECEMBER)		
	WORSE TIME	GOOD TIME	BETTER TIME
0000	WORSE	GOOD	BETTER
0100	WORSE	GOOD	BETTER
0200	WORSE	GOOD	BETTER
0300	WORSE	GOOD	BETTER
0400	WORSE	GOOD	BETTER
0500	WORSE	GOOD	BETTER
0600	WORSE	GOOD	
0700	WORSE	GOOD	BETTER
0800	WORSE	GOOD	BETTER
0900	WORSE	GOOD	BETTER
1000	WORSE	GOOD	BETTER
1100	WORSE	GOOD	BETTER
1200	WORSE	GOOD	BETTER
1300	WORSE	GOOD	BETTER
1400	WORSE	GOOD	BETTER
1500	WORSE	GOOD	BETTER
1600	WORSE	GOOD	BETTER
1700	WORSE	GOOD	BETTER
1800	WORSE	GOOD	BETTER
1900	WORSE	GOOD	BETTER
2000	WORSE	GOOD	BETTER
2100	WORSE	GOOD	BETTER
2200	WORSE	GOOD	BETTER
2300	WORSE	GOOD	BETTER

# COMPARISON ANNUAL RAINFALL (UGTB, UGSB, UGKO)

## AERONAUTICAL CLIMATOLOGY

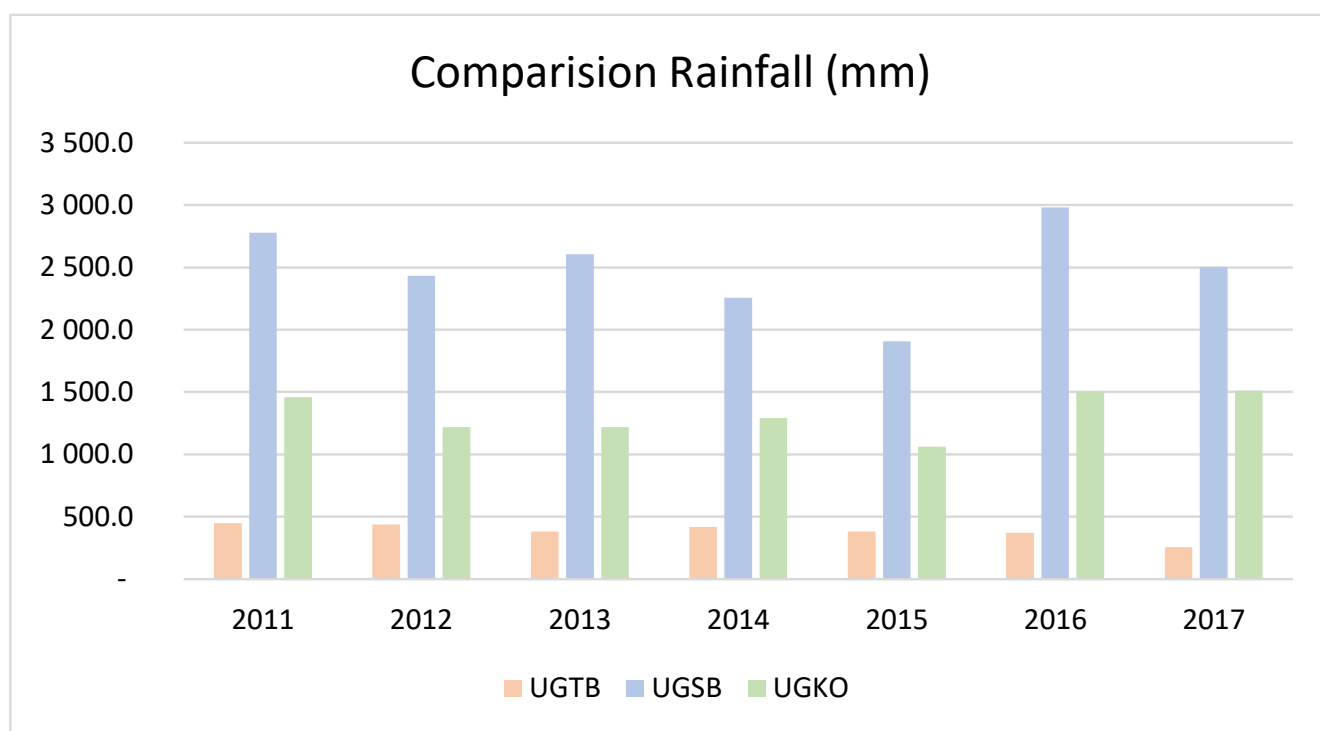
### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

MODEL N

AERODROME: UGTB, UGKO, UGSB ANNUAL

PERIOD OF RECORD: 2011-2017

Comparison Rainfall (mm)							
Year	2011	2012	2013	2014	2015	2016	2017
UGTB	446.2	438.0	381.0	417.0	381.8	371.0	253.4
UGSB	2 777.2	2 433.8	2 606.2	2 255.4	1 906.2	2 982.6	2 502.6
UGKO	1 459.4	1 218.4	1 219.1	1 291.7	1 062.7	1 502.4	1 510.6





# 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

# ABBREVIATIONS

## Aeronautical Abbreviations

ICAO	International Civil Aviation Organization
METAR	Aviation Routine Weather Report
RWY	Runway
UTC	Universal Coordinated Time

## Meteorological Abbreviations

CB	Cumulonimbus
Cloud amount:	BKN Broken (5-7 Octas)
	OVC Overcast (8 Octas)
Hs	height of lower layer of cloud
RVR	Runway Visual Range
VIS	Visibility
WMO	World Meteorological Organization
Ta - C <sup>0</sup>	Ambient temperature
Td - C <sup>0</sup>	Dew point temperature
RH	Relative Humidity
QNH	Regional mean sea level atmospheric pressure
BR	Mist ( <i>Foggy conditions, when visibility is at least 1 000 m but not more than 5 000 m.</i> )
RA	Rain
TS	Thunderstorm
FOG	Fog ( <i>Foggy conditions, when visibility is less than 1 000 m.</i> )
MIFG	Shallow fog, when the vertical extension of fog on a runway is less than 2 meters
VCFG	Fog in the vicinity of the airport
FZFG	freezing fog
DZ	drizzle
SN	Snow
HZ	Haze
TSRA	Thunderstorm with Rain
SHRA	Shower Rain
MAPT	Mist Approach Point
OCH	Obstacle clearance height
TDZ	Touch down Zone

## Airports

UGTB – Tbilisi Airport  
UGKO – Kutaisi Airport  
UGSB – Batumi Airport

## Units of Measurement

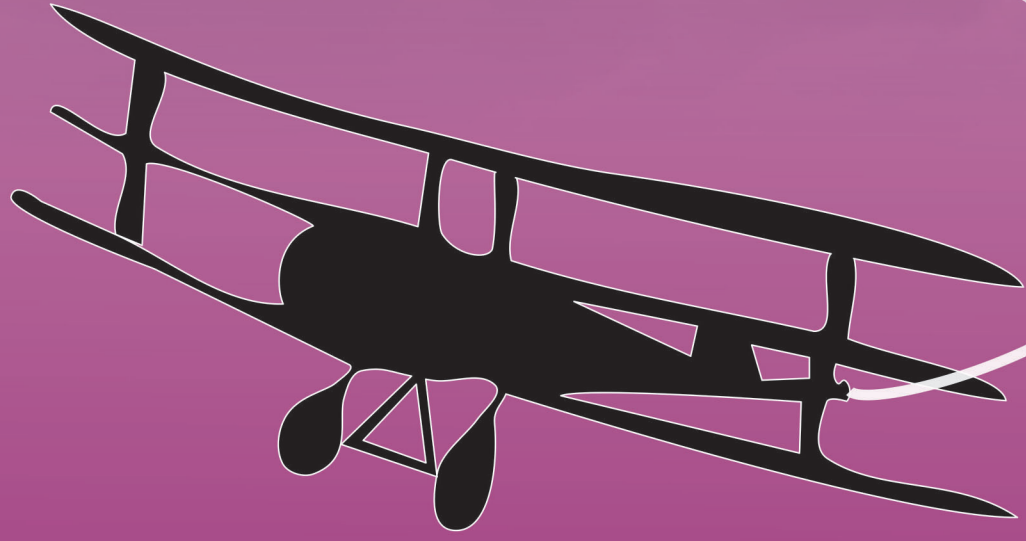
ft	Feet
km	Kilometer
kt	Knot (nautical mile / hour)
m	Meter
°C	Degree Celsius

## Other

riv.	river
ISO	International Organization for Standardization
MIN	Minimum

## REFERENCES

1. M. Kordzakhia – Georgian Climate; Tbilisi, 1961;
2. Geography of Georgia-Climates; Part 1; Tbilisi 2000;
3. Georgian Climate. 1. Adjara; Works of Hydrometeorological Institute; Volume No. 110; Tbilisi, 2003;
4. I. Chogovadze, Z. Tskvitinidze; Description of atmospheric circulation characteristics in the mountainous areas of Georgia. Works of Hydrometeorological Institute, Volume No.115; Tbilisi, 2008; pp. 159-167;
5. ICAO Annex 3 - Meteorological Service for International Air Navigation;
6. ICAO doc – 9365, AN/910; „Manual of All-Weather Operations“;
7. WMO-No. 49 Technical Regulations, Volume II, Meteorological Service for International Air Navigation;
8. K. Kavrishvili; Physical-Geographical characteristics of the environs of Tbilisi; Tbilisi, 1965;
9. Climate Guide of the Soviet Republic of Georgia, Edition 14; History and Physical-Geographical Description of Meteorological Stations; Tbilisi, 1965;
10. eAIP of GEORGIA;
11. G. Lawrence, AMERICAN METEOROLOGICAL SOCIETY, “The relations between relative humidity and the dew point temperature in moist air” P. 225-233, February 2005.
12. HUMIDITY CONVERSION FORMULAS, Calculation formulas of humidity, p. 16, Vaisala 2013.



# CLIMATOLOGICAL SUMMARY