

Meteorological Service of SAKAERONAVIGATSIA Ltd

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# CLIMATOLOGICAL SUMMARY of Georgian Aerodromes 2010-2015



**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 six-year period of January 2010 – December 2015. 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 six-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).

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 9001:2008 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 2013-2015 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 over 6,000 occurrences of 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 593.

Meteorological elements the Summary addresses are processed according to the 8 models elaborated by WMO:

- Model A. Frequencies (per cent) of the occurrence of runway visual range/visibility (both in metres) and/or height of the base of the lowest cloud layer (in metres) of BKN or OVC extent below specified values at specified times.
- Model B. Frequencies (per cent) of visibility below specified values (in metres) at specified times.
- Model C. Frequencies (per cent) of the height of the base (in metres) of the lowest cloud layer of BKN or OVC extent below specified values at specified times.
- Model D. Frequencies of occurrence of concurrent wind direction (in 30° sectors) and speed within specified ranges.
- Model E. Frequencies (per cent) of surface temperature (screen) in specified ranges of 5°C at specified times.
- Model F. The mean pressure (QNH), the minimum and maximum pressure values calculated for each month.

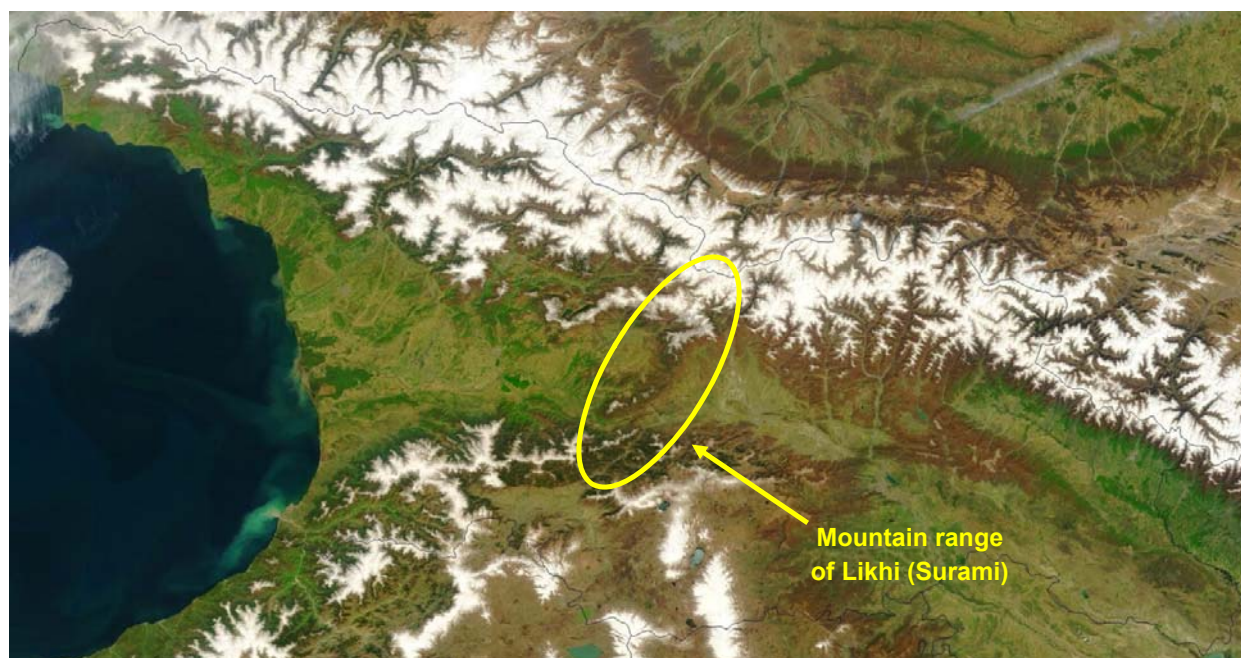
- Model G. Interdependency between the relative humidity (RH), the air temperature (Ta) and the dew point temperature.
- Model H. Frequencies of occurrence of specified weather phenomena at specified times.

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 autumn.

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 spring.

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 formation of high pressure areas. During such circular process, dry and moderately 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 (per cent) of the occurrence of runway visual range/visibility (both in metres) 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 (per cent) 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 (per cent) 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 (per cent) of visibility below specified values (in metres) 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 (per cent) 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 six-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 (per cent) 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 six-year period. The statistical analysis is provided below the table.

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

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

## 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 (Ta) and the dew point (Td) 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, Eighteenth Edition – July 2013, 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:

$$RH = 100\% * 10^{m * \left\{ \frac{Td}{Td+Tn} + \frac{Ta}{Ta+Tn} \right\}}$$

Td – dew point temperature;

Ta (Ambient) – air temperature;

Tn – 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

**Tn** = 240.7263 and

**m** = 7,591386.

Thus, when the values of the **Tn** 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.

<sup>1</sup> Annex 3 to the Convention on International Civil Aviation, Eighteenth Edition – July 2013

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



## 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:

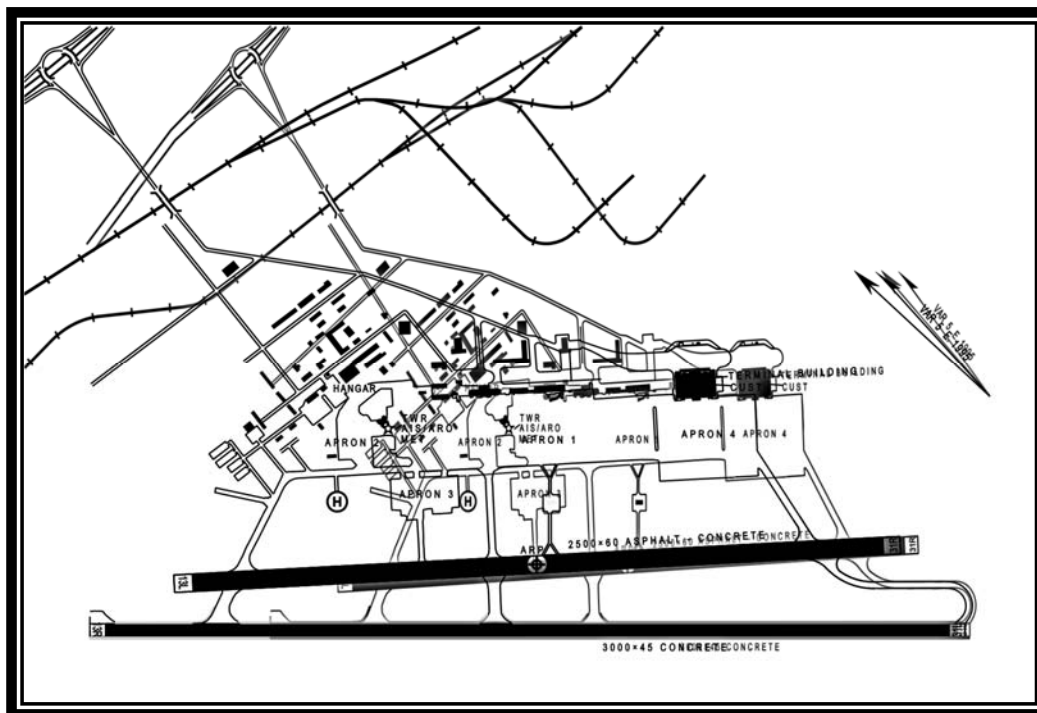
if two weather phenomena are observed during the same period (00, 30), then each value is inserted separately in the corresponding column (e.g. snow (SN) and fog (FOG) go to the snow and fog columns accordingly; rain and thunderstorm (TSRA) - each value is inserted separately in the rain and thunderstorm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

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

### 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 17<sup>th</sup> edition of 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.

## 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 (March and April)), 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

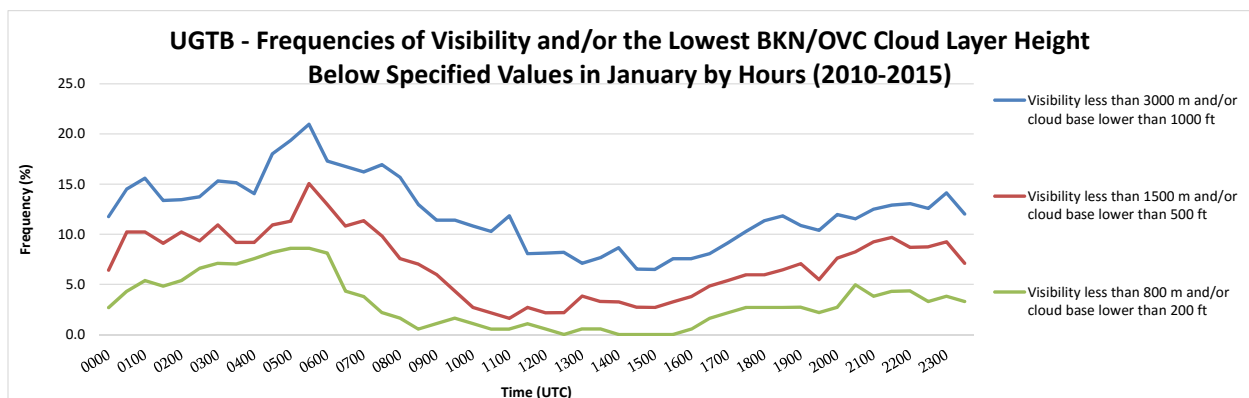
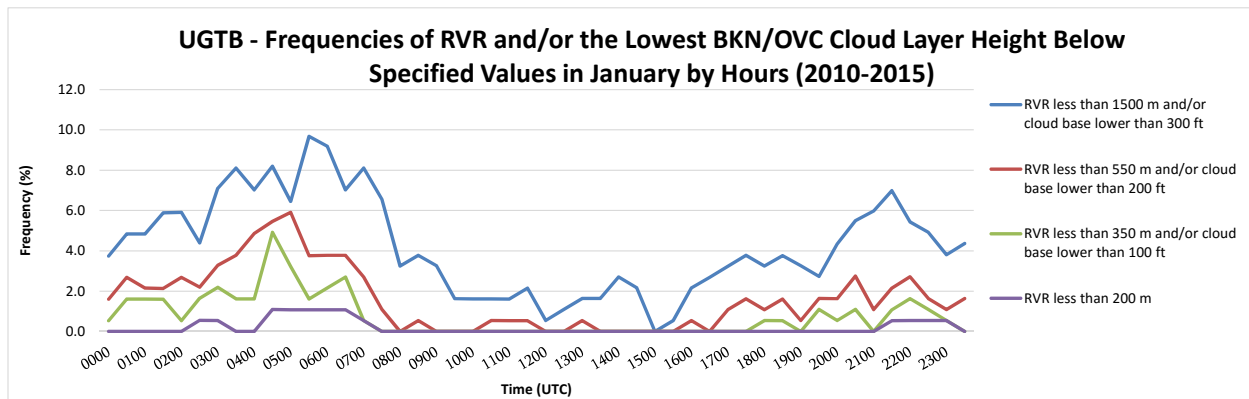
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.53	1.60	3.74	2.67	6.42	11.76	29.95
0030	-	-	1.61	2.69	4.84	4.30	10.22	14.52	30.11
0100	-	-	1.61	2.15	4.84	5.38	10.22	15.59	31.72
0130	-	-	1.60	2.14	5.88	4.81	9.09	13.37	29.41
0200	-	-	0.54	2.69	5.91	5.38	10.22	13.44	30.65
0230	-	0.55	1.65	2.20	4.40	6.59	9.34	13.74	30.77
0300	-	0.55	2.19	3.28	7.10	7.10	10.93	15.30	30.60
0330	-	-	1.62	3.78	8.11	7.03	9.19	15.14	30.81
0400	-	-	1.62	4.86	7.03	7.57	9.19	14.05	28.65
0430	-	1.09	4.92	5.46	8.20	8.20	10.93	18.03	35.52
0500	-	1.08	3.23	5.91	6.45	8.60	11.29	19.35	36.02
0530	-	1.08	1.61	3.76	9.68	8.60	15.05	20.97	39.25
0600	-	1.08	2.16	3.78	9.19	8.11	12.97	17.30	37.30
0630	-	1.08	2.70	3.78	7.03	4.32	10.81	16.76	37.30
0700	-	0.54	0.54	2.70	8.11	3.78	11.35	16.22	38.38
0730	-	-	-	1.09	6.56	2.19	9.84	16.94	35.52
0800	-	-	-	-	3.24	1.62	7.57	15.68	35.14
0830	-	-	-	0.54	3.78	0.54	7.03	12.97	33.51
0900	-	-	-	-	3.26	1.09	5.98	11.41	31.52
0930	-	-	-	-	1.63	1.63	4.35	11.41	28.80
1000	-	-	-	-	1.62	1.08	2.70	10.81	27.57
1030	-	-	-	0.54	1.62	0.54	2.16	10.27	28.11
1100	-	-	-	0.54	1.61	0.54	1.61	11.83	27.96
1130	-	-	-	0.54	2.15	1.08	2.69	8.06	27.96
1200	-	-	-	-	0.54	0.54	2.16	8.11	26.49
1230	-	-	-	-	1.09	-	2.19	8.20	26.23
1300	-	-	-	0.55	1.64	0.55	3.83	7.10	28.42
1330	-	-	-	-	1.64	0.55	3.28	7.65	28.96
1400	-	-	-	-	2.70	-	3.24	8.65	30.81
1430	-	-	-	-	2.17	-	2.72	6.52	28.80
1500	-	-	-	-	-	-	2.70	6.49	26.49
1530	-	-	-	-	0.54	-	3.24	7.57	25.95
1600	-	-	-	0.54	2.16	0.54	3.78	7.57	25.95

1630	-	-	-	-	2.69	1.61	4.84	8.06	27.42
1700	-	-	-	1.08	3.23	2.15	5.38	9.14	29.03
1730	-	-	-	1.62	3.78	2.70	5.95	10.27	27.03
1800	-	-	0.54	1.08	3.24	2.70	5.95	11.35	27.57
1830	-	-	0.54	1.61	3.76	2.69	6.45	11.83	28.49
1900	-	-	-	0.54	3.26	2.72	7.07	10.87	29.35
1930	-	-	1.09	1.64	2.73	2.19	5.46	10.38	30.05
2000	-	-	0.54	1.63	4.35	2.72	7.61	11.96	29.35
2030	-	-	1.10	2.75	5.49	4.95	8.24	11.54	28.57
2100	-	-	-	1.09	5.98	3.80	9.24	12.50	29.35
2130	-	0.54	1.08	2.15	6.99	4.30	9.68	12.90	29.57
2200	-	0.54	1.63	2.72	5.43	4.35	8.70	13.04	29.89
2230	-	0.55	1.09	1.64	4.92	3.28	8.74	12.57	31.15
2300	-	0.54	0.54	1.09	3.80	3.80	9.24	14.13	30.43
2330	-	-	-	1.64	4.37	3.28	7.10	12.02	30.05
TOTAL	-	0.19	0.76	1.61	4.22	3.17	7.04	12.20	30.37

In January, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-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 Tbilisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 7.04% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

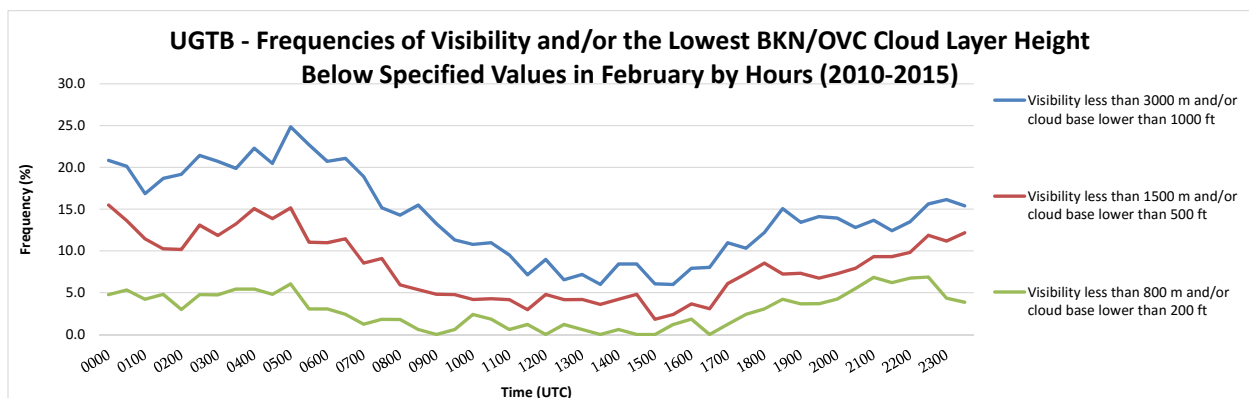
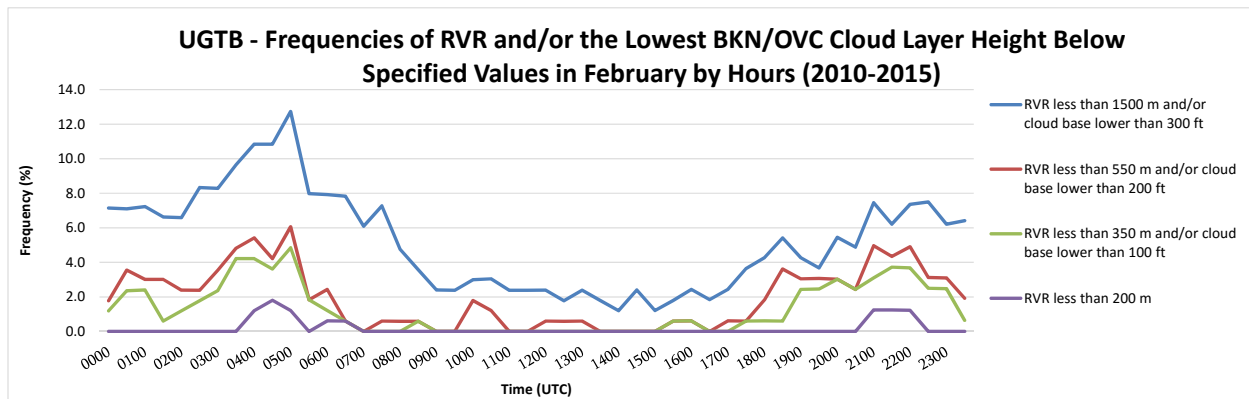
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	1.19	1.79	7.14	4.76	15.48	20.83	38.69
0030	-	-	2.37	3.55	7.10	5.33	13.61	20.12	39.05
0100	-	-	2.41	3.01	7.23	4.22	11.45	16.87	38.55
0130	-	-	0.60	3.01	6.63	4.82	10.24	18.67	37.95
0200	-	-	1.20	2.40	6.59	2.99	10.18	19.16	35.93
0230	-	-	1.79	2.38	8.33	4.76	13.10	21.43	35.71
0300	-	-	2.37	3.55	8.28	4.73	11.83	20.71	38.46
0330	-	-	4.22	4.82	9.64	5.42	13.25	19.88	36.75
0400	-	1.20	4.22	5.42	10.84	5.42	15.06	22.29	48.19
0430	-	1.81	3.61	4.22	10.84	4.82	13.86	20.48	45.78
0500	-	1.21	4.85	6.06	12.73	6.06	15.15	24.85	49.09
0530	-	-	1.84	1.84	7.98	3.07	11.04	22.70	50.31
0600	-	0.61	1.22	2.44	7.93	3.05	10.98	20.73	46.95
0630	-	0.60	0.60	0.60	7.83	2.41	11.45	21.08	45.78
0700	-	-	-	-	6.10	1.22	8.54	18.90	46.34
0730	-	-	-	0.61	7.27	1.82	9.09	15.15	42.42
0800	-	-	-	0.60	4.76	1.79	5.95	14.29	41.67
0830	-	-	0.60	0.60	3.57	0.60	5.36	15.48	41.67
0900	-	-	-	-	2.41	-	4.82	13.25	39.16
0930	-	-	-	-	2.38	0.60	4.76	11.31	33.33
1000	-	-	-	1.80	2.99	2.40	4.19	10.78	33.53
1030	-	-	-	1.22	3.05	1.83	4.27	10.98	30.49
1100	-	-	-	-	2.38	0.60	4.17	9.52	27.38
1130	-	-	-	-	2.38	1.19	2.98	7.14	26.79
1200	-	-	-	0.60	2.40	-	4.79	8.98	25.75
1230	-	-	-	0.60	1.79	1.19	4.17	6.55	25.60
1300	-	-	-	0.60	2.40	0.60	4.19	7.19	24.55
1330	-	-	-	-	1.80	-	3.59	5.99	23.35
1400	-	-	-	-	1.20	0.60	4.22	8.43	25.30
1430	-	-	-	-	2.41	-	4.82	8.43	24.70
1500	-	-	-	-	1.21	-	1.82	6.06	21.21
1530	-	-	0.60	0.60	1.80	1.20	2.40	5.99	20.36
1600	-	-	0.61	0.61	2.44	1.83	3.66	7.93	18.90

1630	-	-	-	-	1.85	-	3.09	8.02	20.37
1700	-	-	-	0.61	2.44	1.22	6.10	10.98	23.17
1730	-	-	0.61	0.61	3.64	2.42	7.27	10.30	23.03
1800	-	-	0.61	1.83	4.27	3.05	8.54	12.20	25.61
1830	-	-	0.60	3.61	5.42	4.22	7.23	15.06	26.51
1900	-	-	2.44	3.05	4.27	3.66	7.32	13.41	28.05
1930	-	-	2.45	3.07	3.68	3.68	6.75	14.11	28.22
2000	-	-	3.03	3.03	5.45	4.24	7.27	13.94	29.70
2030	-	-	2.44	2.44	4.88	5.49	7.93	12.80	29.27
2100	-	1.24	3.11	4.97	7.45	6.83	9.32	13.66	31.06
2130	-	1.24	3.73	4.35	6.21	6.21	9.32	12.42	34.78
2200	-	1.23	3.68	4.91	7.36	6.75	9.82	13.50	35.58
2230	-	-	2.50	3.13	7.50	6.88	11.88	15.63	33.75
2300	-	-	2.48	3.11	6.21	4.35	11.18	16.15	34.16
2330	-	-	0.64	1.92	6.41	3.85	12.18	15.38	33.33
TOTAL	-	0.19	1.30	1.94	5.22	2.95	8.11	14.16	33.26

In February, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-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 Tbilisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 8.11% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

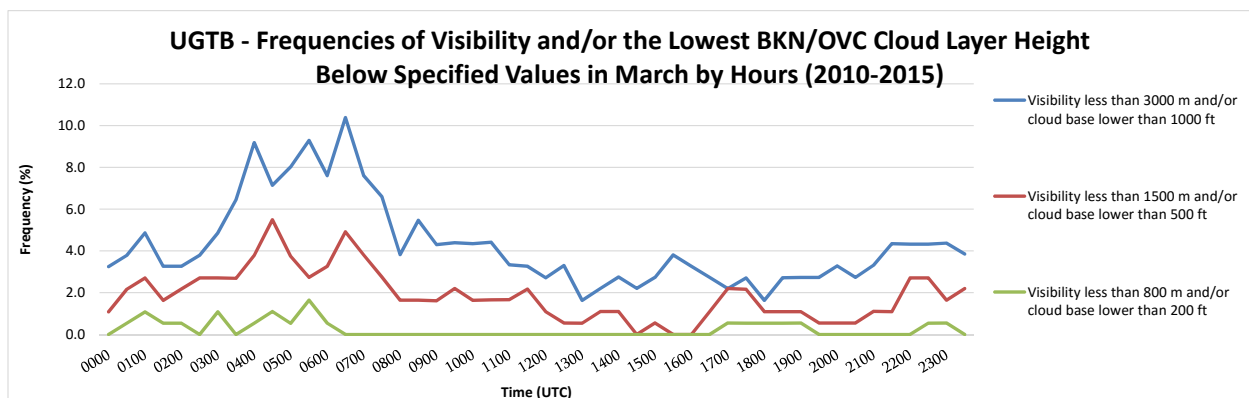
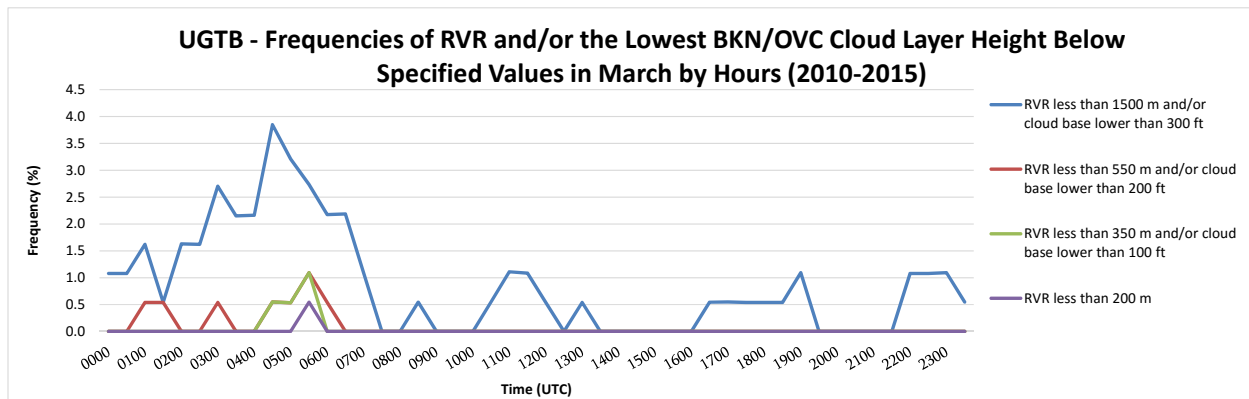
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	1.08	-	1.08	3.24	12.43
0030	-	-	-	-	1.08	0.54	2.16	3.78	12.43
0100	-	-	-	0.54	1.62	1.08	2.70	4.86	12.43
0130	-	-	-	0.54	0.54	0.54	1.63	3.26	13.04
0200	-	-	-	-	1.63	0.54	2.17	3.26	11.41
0230	-	-	-	-	1.62	-	2.70	3.78	14.59
0300	-	-	-	0.54	2.70	1.08	2.70	4.86	19.46
0330	-	-	-	-	2.15	-	2.69	6.45	24.19
0400	-	-	-	-	2.16	0.54	3.78	9.19	24.32
0430	-	-	0.55	0.55	3.85	1.10	5.49	7.14	23.08
0500	-	-	0.53	0.53	3.21	0.53	3.74	8.02	22.99
0530	-	0.55	1.09	1.09	2.73	1.64	2.73	9.29	22.95
0600	-	-	-	0.54	2.17	0.54	3.26	7.61	19.02
0630	-	-	-	-	2.19	-	4.92	10.38	19.13
0700	-	-	-	-	1.09	-	3.80	7.61	18.48
0730	-	-	-	-	-	-	2.75	6.59	17.03
0800	-	-	-	-	-	-	1.64	3.83	15.30
0830	-	-	-	-	0.55	-	1.64	5.46	14.75
0900	-	-	-	-	-	-	1.61	4.30	13.98
0930	-	-	-	-	-	-	2.20	4.40	12.64
1000	-	-	-	-	-	-	1.63	4.35	11.41
1030	-	-	-	-	0.55	-	1.66	4.42	11.05
1100	-	-	-	-	1.11	-	1.67	3.33	10.00
1130	-	-	-	-	1.09	-	2.17	3.26	10.33
1200	-	-	-	-	0.54	-	1.09	2.72	9.24
1230	-	-	-	-	-	-	0.55	3.30	10.44
1300	-	-	-	-	0.54	-	0.54	1.63	7.07
1330	-	-	-	-	-	-	1.10	2.20	8.79
1400	-	-	-	-	-	-	1.10	2.75	8.79
1430	-	-	-	-	-	-	-	2.21	7.18
1500	-	-	-	-	-	-	0.55	2.73	7.65
1530	-	-	-	-	-	-	-	3.80	8.70
1600	-	-	-	-	-	-	-	3.26	7.07

1630	-	-	-	-	0.55	-	1.09	2.73	7.65
1700	-	-	-	-	0.55	0.55	2.20	2.20	6.59
1730	-	-	-	-	0.54	0.54	2.16	2.70	7.03
1800	-	-	-	-	0.54	0.54	1.09	1.63	7.07
1830	-	-	-	-	0.54	0.54	1.09	2.72	7.07
1900	-	-	-	-	1.09	0.55	1.09	2.73	8.20
1930	-	-	-	-	-	-	0.55	2.73	8.74
2000	-	-	-	-	-	-	0.55	3.28	10.38
2030	-	-	-	-	-	-	0.55	2.73	10.93
2100	-	-	-	-	-	-	1.10	3.31	12.15
2130	-	-	-	-	-	-	1.09	4.35	12.50
2200	-	-	-	-	1.08	-	2.70	4.32	11.89
2230	-	-	-	-	1.08	0.54	2.70	4.32	12.97
2300	-	-	-	-	1.09	0.55	1.64	4.37	9.84
2330	-	-	-	-	0.55	-	2.20	3.85	10.99
TOTAL	-	0.01	0.05	0.09	0.87	0.25	1.86	4.28	12.62

In March, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.86% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

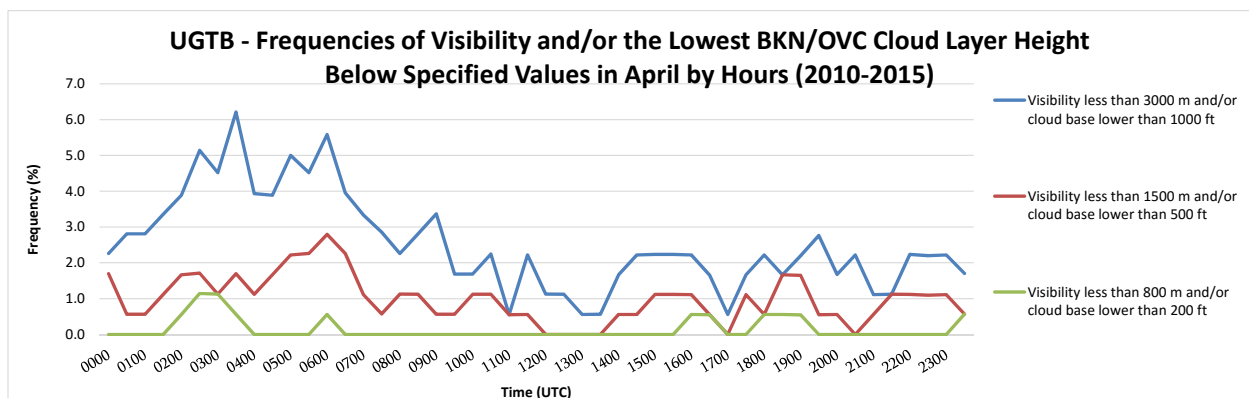
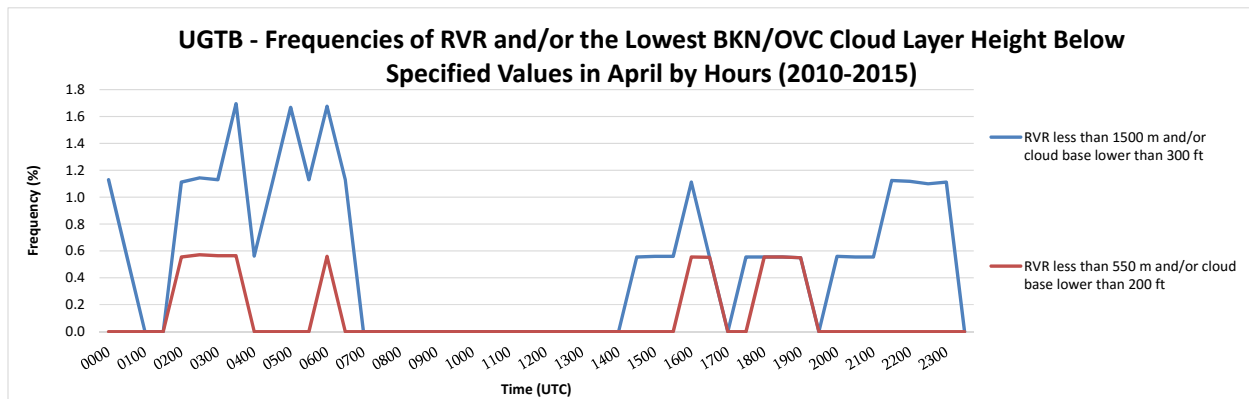
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	1.13	-	1.69	2.26	9.60
0030	-	-	-	-	0.56	-	0.56	2.81	10.11
0100	-	-	-	-	-	-	0.56	2.81	10.67
0130	-	-	-	-	-	-	1.12	3.35	11.73
0200	-	-	-	0.56	1.11	0.56	1.67	3.89	13.89
0230	-	-	-	0.57	1.14	1.14	1.71	5.14	17.14
0300	-	-	-	0.56	1.13	1.13	1.13	4.52	16.95
0330	-	-	-	0.56	1.69	0.56	1.69	6.21	17.51
0400	-	-	-	-	0.56	-	1.12	3.93	15.73
0430	-	-	-	-	1.11	-	1.67	3.89	15.00
0500	-	-	-	-	1.67	-	2.22	5.00	12.78
0530	-	-	-	-	1.13	-	2.26	4.52	11.30
0600	-	-	-	0.56	1.68	0.56	2.79	5.59	12.29
0630	-	-	-	-	1.13	-	2.26	3.95	12.43
0700	-	-	-	-	-	-	1.11	3.33	13.89
0730	-	-	-	-	-	-	0.57	2.86	10.86
0800	-	-	-	-	-	-	1.13	2.26	11.30
0830	-	-	-	-	-	-	1.12	2.81	8.43
0900	-	-	-	-	-	-	0.56	3.37	8.99
0930	-	-	-	-	-	-	0.56	1.69	10.11
1000	-	-	-	-	-	-	1.12	1.69	8.99
1030	-	-	-	-	-	-	1.12	2.25	7.30
1100	-	-	-	-	-	-	0.55	0.55	7.73
1130	-	-	-	-	-	-	0.56	2.22	6.11
1200	-	-	-	-	-	-	-	1.13	4.52
1230	-	-	-	-	-	-	-	1.12	3.93
1300	-	-	-	-	-	-	-	0.56	5.03
1330	-	-	-	-	-	-	-	0.56	6.21
1400	-	-	-	-	-	-	0.56	1.67	6.11
1430	-	-	-	-	0.56	-	0.56	2.22	6.67
1500	-	-	-	-	0.56	-	1.12	2.23	5.03
1530	-	-	-	-	0.56	-	1.12	2.23	6.15
1600	-	-	-	0.56	1.11	0.56	1.11	2.22	5.00

1630	-	-	-	0.55	0.55	0.55	0.55	1.66	4.42
1700	-	-	-	-	-	-	-	0.56	4.44
1730	-	-	-	-	0.56	-	1.11	1.67	6.11
1800	-	-	-	0.56	0.56	0.56	0.56	2.22	6.11
1830	-	-	-	0.56	0.56	0.56	1.67	1.67	6.11
1900	-	-	-	0.55	0.55	0.55	1.65	2.20	6.59
1930	-	-	-	-	-	-	0.55	2.76	7.18
2000	-	-	-	-	0.56	-	0.56	1.68	5.59
2030	-	-	-	-	0.56	-	-	2.22	6.67
2100	-	-	-	-	0.56	-	0.56	1.11	7.78
2130	-	-	-	-	1.12	-	1.12	1.12	7.87
2200	-	-	-	-	1.12	-	1.12	2.23	9.50
2230	-	-	-	-	1.10	-	1.10	2.20	8.24
2300	-	-	-	-	1.11	-	1.11	2.22	9.44
2330	-	-	-	-	-	0.57	0.57	1.70	9.09
TOTAL	-	-	-	0.12	0.54	0.15	0.99	2.54	9.04

In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 550 meters, based on six-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 Tbilisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.99% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

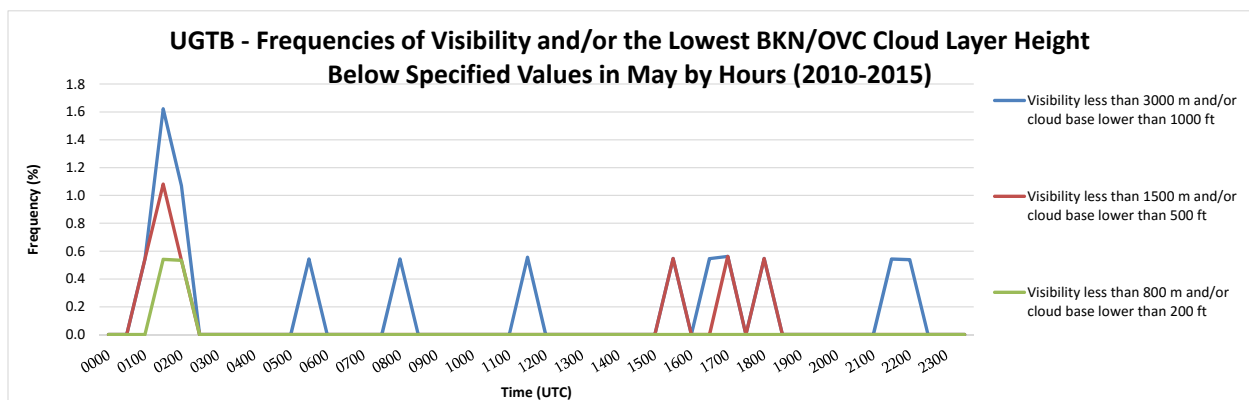
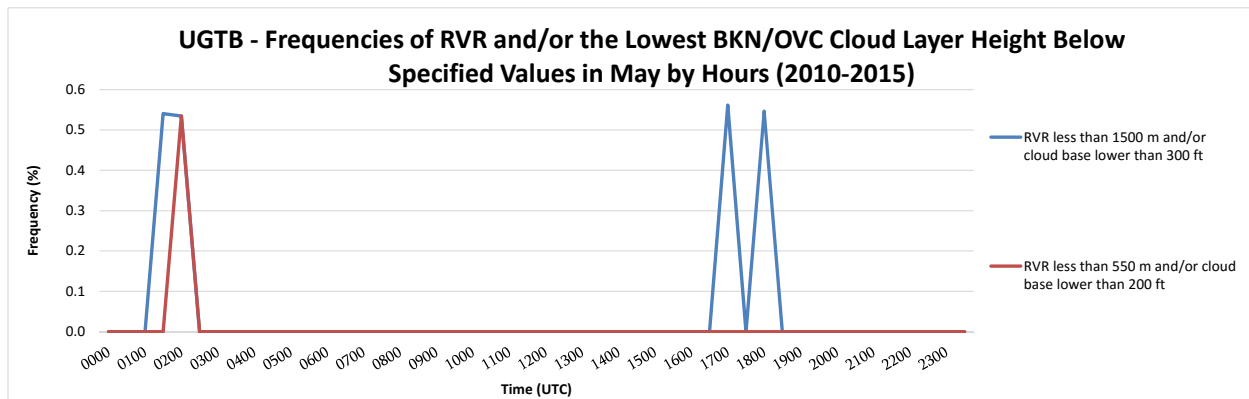
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	1.66
0030	-	-	-	-	-	-	-	-	1.08
0100	-	-	-	-	-	-	0.54	0.54	2.17
0130	-	-	-	-	0.54	0.54	1.08	1.62	2.16
0200	-	0.53	0.53	0.53	0.53	0.53	0.53	1.07	3.21
0230	-	-	-	-	-	-	-	-	4.79
0300	-	-	-	-	-	-	-	-	4.35
0330	-	-	-	-	-	-	-	-	6.45
0400	-	-	-	-	-	-	-	-	5.38
0430	-	-	-	-	-	-	-	-	5.49
0500	-	-	-	-	-	-	-	-	4.84
0530	-	-	-	-	-	-	-	0.54	4.89
0600	-	-	-	-	-	-	-	-	4.32
0630	-	-	-	-	-	-	-	-	2.72
0700	-	-	-	-	-	-	-	-	1.67
0730	-	-	-	-	-	-	-	-	3.26
0800	-	-	-	-	-	-	-	0.54	2.17
0830	-	-	-	-	-	-	-	-	2.20
0900	-	-	-	-	-	-	-	-	1.66
0930	-	-	-	-	-	-	-	-	2.25
1000	-	-	-	-	-	-	-	-	1.12
1030	-	-	-	-	-	-	-	-	1.68
1100	-	-	-	-	-	-	-	-	1.12
1130	-	-	-	-	-	-	-	0.56	1.67
1200	-	-	-	-	-	-	-	-	1.67
1230	-	-	-	-	-	-	-	-	1.68
1300	-	-	-	-	-	-	-	-	1.12
1330	-	-	-	-	-	-	-	-	1.13
1400	-	-	-	-	-	-	-	-	1.69
1430	-	-	-	-	-	-	-	-	1.65
1500	-	-	-	-	-	-	-	-	0.55
1530	-	-	-	-	-	-	0.55	0.55	2.73
1600	-	-	-	-	-	-	-	-	2.73

1630	-	-	-	-	-	-	-	0.55	2.19
1700	-	-	-	-	0.56	-	0.56	0.56	1.69
1730	-	-	-	-	-	-	-	-	1.08
1800	-	-	-	-	0.55	-	0.55	0.55	1.09
1830	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	0.54
1930	-	-	-	-	-	-	-	-	1.08
2000	-	-	-	-	-	-	-	-	1.08
2030	-	-	-	-	-	-	-	-	0.55
2100	-	-	-	-	-	-	-	-	0.55
2130	-	-	-	-	-	-	-	0.54	1.09
2200	-	-	-	-	-	-	-	0.54	0.54
2230	-	-	-	-	-	-	-	-	1.62
2300	-	-	-	-	-	-	-	-	1.10
2330	-	-	-	-	-	-	-	-	2.01
TOTAL	-	0.01	0.01	0.01	0.05	0.02	0.08	0.17	2.16

In May, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.08% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

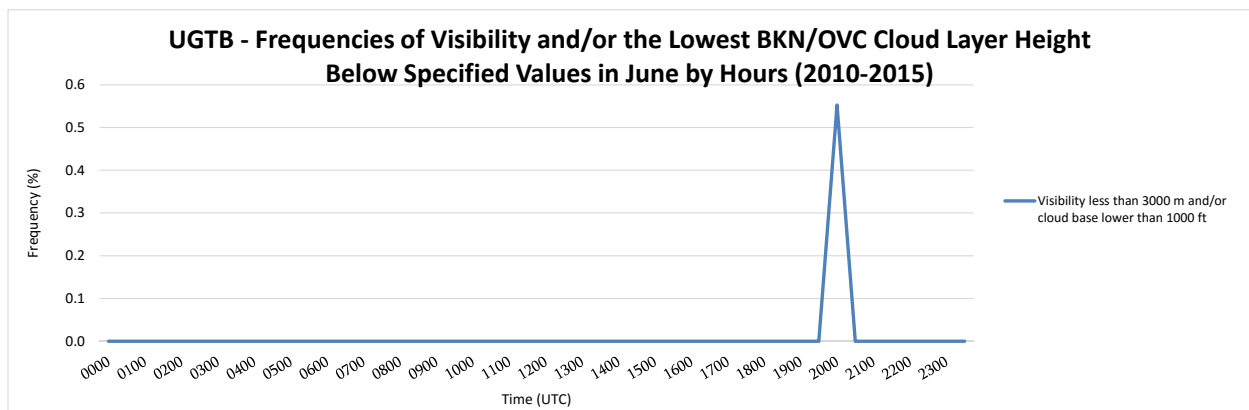
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	-	-	0.54
0130	-	-	-	-	-	-	-	-	1.67
0200	-	-	-	-	-	-	-	-	1.09
0230	-	-	-	-	-	-	-	-	2.76
0300	-	-	-	-	-	-	-	-	1.10
0330	-	-	-	-	-	-	-	-	1.09
0400	-	-	-	-	-	-	-	-	1.67
0430	-	-	-	-	-	-	-	-	1.64
0500	-	-	-	-	-	-	-	-	0.55
0530	-	-	-	-	-	-	-	-	0.55
0600	-	-	-	-	-	-	-	-	-
0630	-	-	-	-	-	-	-	-	-
0700	-	-	-	-	-	-	-	-	0.55
0730	-	-	-	-	-	-	-	-	-
0800	-	-	-	-	-	-	-	-	-
0830	-	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-	-
0930	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	0.55
1030	-	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-	0.54
1130	-	-	-	-	-	-	-	-	0.55
1200	-	-	-	-	-	-	-	-	-
1230	-	-	-	-	-	-	-	-	-
1300	-	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	-	0.55
1400	-	-	-	-	-	-	-	-	-
1430	-	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	-	-
1530	-	-	-	-	-	-	-	-	0.55
1600	-	-	-	-	-	-	-	-	0.55

1630	-	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-	-	-
1730	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-
1830	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	0.55	0.55
2030	-	-	-	-	-	-	-	-	1.64
2100	-	-	-	-	-	-	-	-	0.55
2130	-	-	-	-	-	-	-	-	1.09
2200	-	-	-	-	-	-	-	-	0.56
2230	-	-	-	-	-	-	-	-	1.66
2300	-	-	-	-	-	-	-	-	0.55
2330	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	0.01	0.48

In June, based on six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is not observed (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

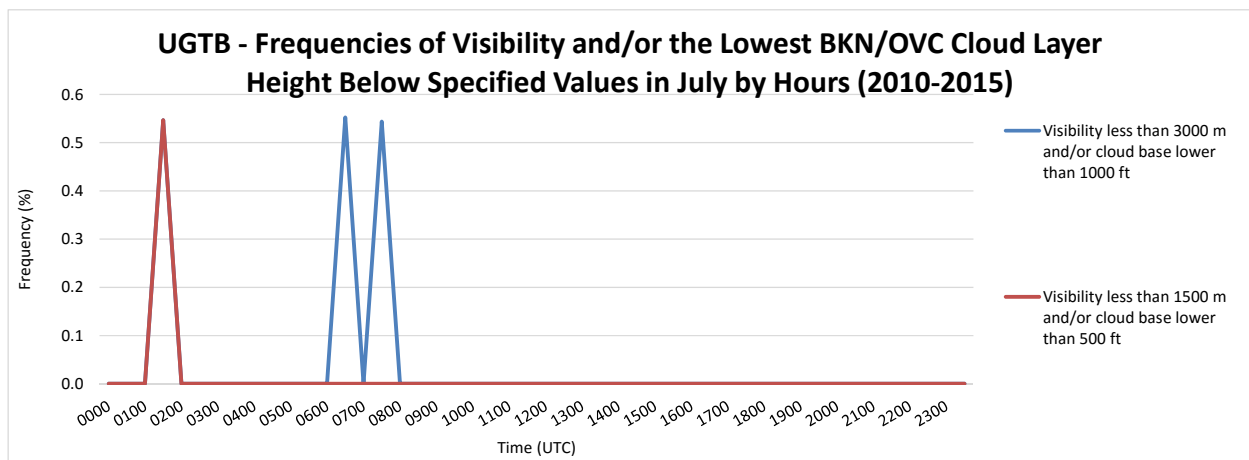
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-	0.54
0100	-	-	-	-	-	-	-	-	0.53
0130	-	-	-	-	-	-	0.55	0.55	1.09
0200	-	-	-	-	-	-	-	-	0.54
0230	-	-	-	-	-	-	-	-	1.10
0300	-	-	-	-	-	-	-	-	0.54
0330	-	-	-	-	-	-	-	-	0.54
0400	-	-	-	-	-	-	-	-	1.08
0430	-	-	-	-	-	-	-	-	0.54
0500	-	-	-	-	-	-	-	-	1.61
0530	-	-	-	-	-	-	-	-	1.09
0600	-	-	-	-	-	-	-	-	1.10
0630	-	-	-	-	-	-	-	0.55	1.10
0700	-	-	-	-	-	-	-	-	0.55
0730	-	-	-	-	-	-	-	0.54	0.54
0800	-	-	-	-	-	-	-	-	0.54
0830	-	-	-	-	-	-	-	-	1.09
0900	-	-	-	-	-	-	-	-	1.09
0930	-	-	-	-	-	-	-	-	0.55
1000	-	-	-	-	-	-	-	-	0.55
1030	-	-	-	-	-	-	-	-	0.56
1100	-	-	-	-	-	-	-	-	0.56
1130	-	-	-	-	-	-	-	-	0.56
1200	-	-	-	-	-	-	-	-	0.56
1230	-	-	-	-	-	-	-	-	-
1300	-	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	-	-
1400	-	-	-	-	-	-	-	-	-
1430	-	-	-	-	-	-	-	-	1.09
1500	-	-	-	-	-	-	-	-	0.54
1530	-	-	-	-	-	-	-	-	0.56
1600	-	-	-	-	-	-	-	-	-

1630	-	-	-	-	-	-	-	-	2.82
1700	-	-	-	-	-	-	-	-	-
1730	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-
1830	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-
2130	-	-	-	-	-	-	-	-	0.54
2200	-	-	-	-	-	-	-	-	-
2230	-	-	-	-	-	-	-	-	-
2300	-	-	-	-	-	-	-	-	-
2330	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	0.01	0.03	0.50

In July, based on six-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 six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

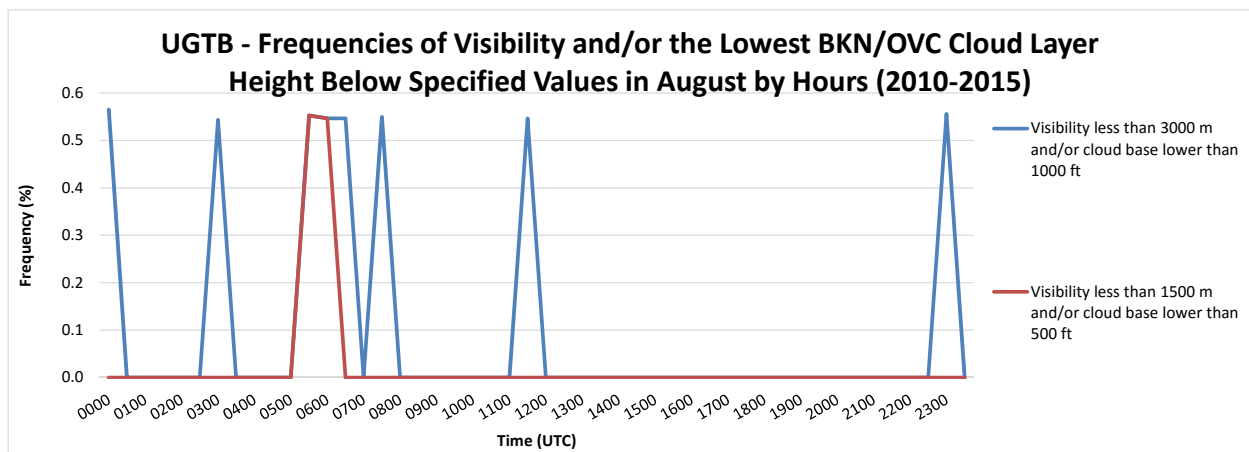
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	0.56	0.56
0030	-	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	-	-	0.55
0130	-	-	-	-	-	-	-	-	1.11
0200	-	-	-	-	-	-	-	-	1.66
0230	-	-	-	-	-	-	-	-	1.66
0300	-	-	-	-	-	-	-	0.54	1.63
0330	-	-	-	-	-	-	-	-	0.55
0400	-	-	-	-	-	-	-	-	1.10
0430	-	-	-	-	-	-	-	-	0.56
0500	-	-	-	-	-	-	-	-	0.54
0530	-	-	-	-	-	-	0.55	0.55	0.55
0600	-	-	-	-	-	-	0.55	0.55	0.55
0630	-	-	-	-	-	-	-	0.55	1.64
0700	-	-	-	-	-	-	-	-	1.09
0730	-	-	-	-	-	-	-	0.55	1.65
0800	-	-	-	-	-	-	-	-	1.64
0830	-	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-	0.55
0930	-	-	-	-	-	-	-	-	1.12
1000	-	-	-	-	-	-	-	-	0.56
1030	-	-	-	-	-	-	-	-	0.55
1100	-	-	-	-	-	-	-	-	1.09
1130	-	-	-	-	-	-	-	0.55	1.64
1200	-	-	-	-	-	-	-	-	1.66
1230	-	-	-	-	-	-	-	-	1.11
1300	-	-	-	-	-	-	-	-	1.10
1330	-	-	-	-	-	-	-	-	1.09
1400	-	-	-	-	-	-	-	-	0.55
1430	-	-	-	-	-	-	-	-	0.55
1500	-	-	-	-	-	-	-	-	1.62
1530	-	-	-	-	-	-	-	-	1.09
1600	-	-	-	-	-	-	-	-	0.55

1630	-	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-	-	1.63
1730	-	-	-	-	-	-	-	-	1.68
1800	-	-	-	-	-	-	-	-	1.10
1830	-	-	-	-	-	-	-	-	1.11
1900	-	-	-	-	-	-	-	-	0.55
1930	-	-	-	-	-	-	-	-	1.68
2000	-	-	-	-	-	-	-	-	1.10
2030	-	-	-	-	-	-	-	-	1.10
2100	-	-	-	-	-	-	-	-	1.10
2130	-	-	-	-	-	-	-	-	1.66
2200	-	-	-	-	-	-	-	-	2.17
2230	-	-	-	-	-	-	-	-	2.20
2300	-	-	-	-	-	-	-	0.56	2.78
2330	-	-	-	-	-	-	-	-	1.70
TOTAL	-	-	-	-	-	-	0.02	0.09	1.11

In August, based on six-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 six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

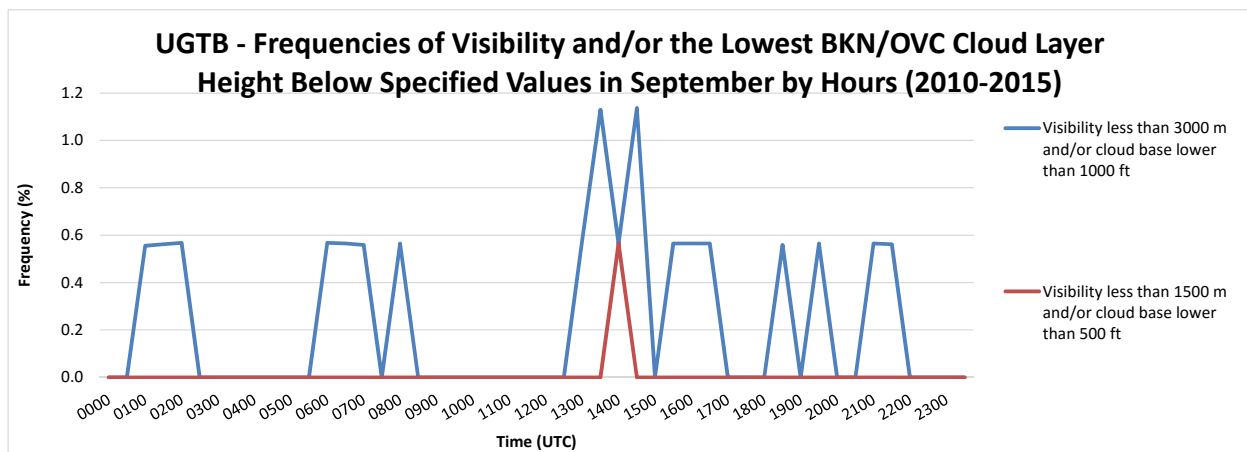
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	2.31
0030	-	-	-	-	-	-	-	-	1.70
0100	-	-	-	-	-	-	-	0.56	1.67
0130	-	-	-	-	-	-	-	0.56	2.25
0200	-	-	-	-	-	-	-	0.57	1.70
0230	-	-	-	-	-	-	-	-	2.25
0300	-	-	-	-	-	-	-	-	2.79
0330	-	-	-	-	-	-	-	-	3.35
0400	-	-	-	-	-	-	-	-	4.49
0430	-	-	-	-	-	-	-	-	6.15
0500	-	-	-	-	-	-	-	-	4.55
0530	-	-	-	-	-	-	-	-	6.40
0600	-	-	-	-	-	-	-	0.57	5.68
0630	-	-	-	-	-	-	-	0.56	3.39
0700	-	-	-	-	-	-	-	0.56	2.23
0730	-	-	-	-	-	-	-	-	2.87
0800	-	-	-	-	-	-	-	0.56	1.69
0830	-	-	-	-	-	-	-	-	1.14
0900	-	-	-	-	-	-	-	-	0.56
0930	-	-	-	-	-	-	-	-	1.15
1000	-	-	-	-	-	-	-	-	1.69
1030	-	-	-	-	-	-	-	-	0.56
1100	-	-	-	-	-	-	-	-	1.70
1130	-	-	-	-	-	-	-	-	0.57
1200	-	-	-	-	-	-	-	-	0.56
1230	-	-	-	-	-	-	-	-	1.12
1300	-	-	-	-	-	-	-	0.58	1.16
1330	-	-	-	-	-	-	-	1.13	1.13
1400	-	-	-	-	-	-	0.56	0.56	1.69
1430	-	-	-	-	-	-	-	1.14	1.70
1500	-	-	-	-	-	-	-	-	0.56
1530	-	-	-	-	-	-	-	0.56	0.56
1600	-	-	-	-	-	-	-	0.56	1.13

1630	-	-	-	-	-	-	-	0.56	2.26
1700	-	-	-	-	-	-	-	-	1.69
1730	-	-	-	-	-	-	-	-	1.68
1800	-	-	-	-	-	-	-	-	1.68
1830	-	-	-	-	-	-	-	0.56	2.23
1900	-	-	-	-	-	-	-	-	1.69
1930	-	-	-	-	-	-	-	0.56	2.26
2000	-	-	-	-	-	-	-	-	1.13
2030	-	-	-	-	-	-	-	-	1.12
2100	-	-	-	-	-	-	-	0.56	1.69
2130	-	-	-	-	-	-	-	0.56	1.12
2200	-	-	-	-	-	-	-	-	1.13
2230	-	-	-	-	-	-	-	-	1.14
2300	-	-	-	-	-	-	-	-	1.12
2330	-	-	-	-	-	-	-	-	2.82
TOTAL	-	-	-	-	-	-	0.01	0.24	2.02

In September, based on six-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 six-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: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

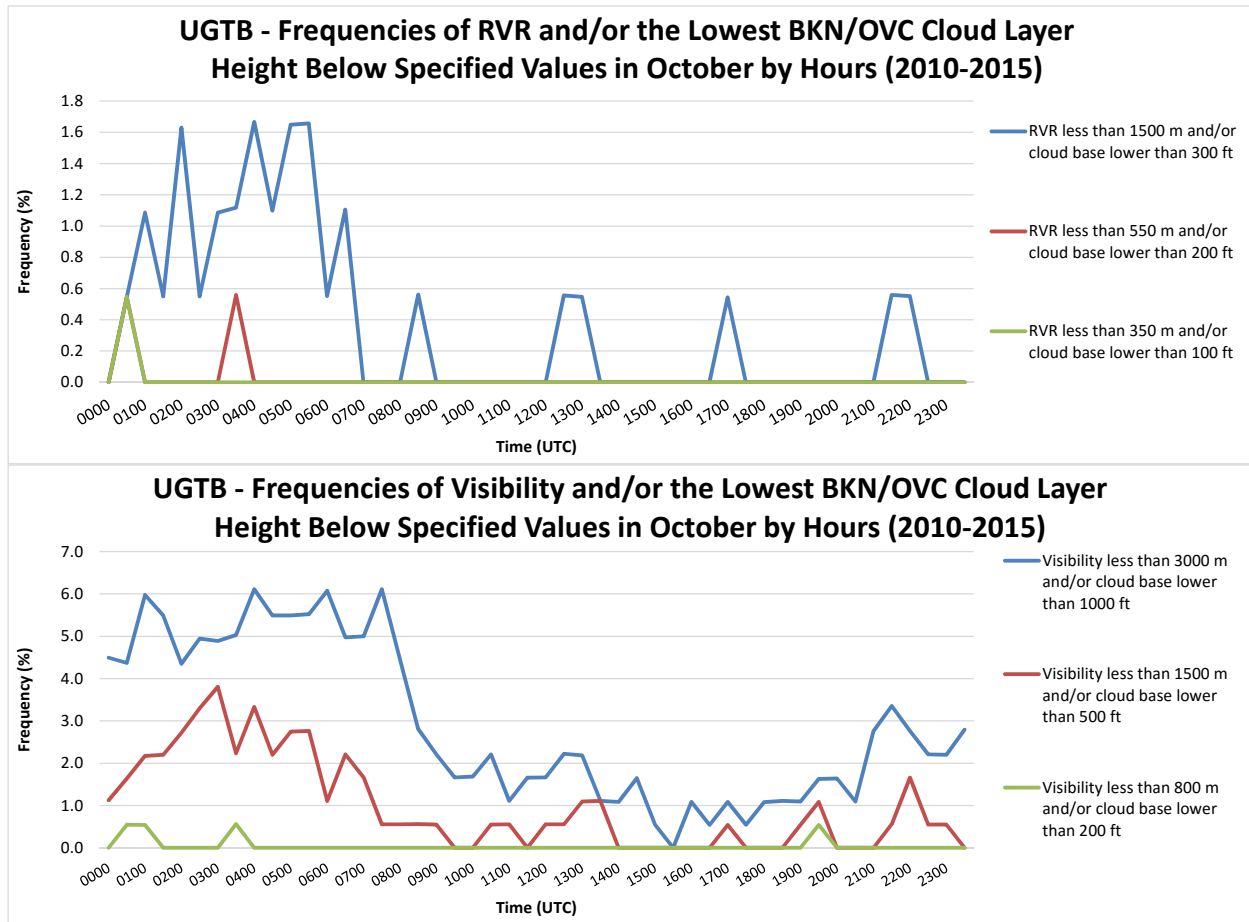
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	1.12	4.49	13.48
0030	-	-	0.55	0.55	0.55	0.55	1.64	4.37	12.57
0100	-	-	-	-	1.09	0.54	2.17	5.98	14.67
0130	-	-	-	-	0.55	-	2.20	5.49	13.74
0200	-	-	-	-	1.63	-	2.72	4.35	14.13
0230	-	-	-	-	0.55	-	3.30	4.95	15.93
0300	-	-	-	-	1.09	-	3.80	4.89	15.76
0330	-	-	-	0.56	1.12	0.56	2.23	5.03	17.32
0400	-	-	-	-	1.67	-	3.33	6.11	17.22
0430	-	-	-	-	1.10	-	2.20	5.49	17.03
0500	-	-	-	-	1.65	-	2.75	5.49	20.88
0530	-	-	-	-	1.66	-	2.76	5.52	18.23
0600	-	-	-	-	0.55	-	1.10	6.08	18.78
0630	-	-	-	-	1.10	-	2.21	4.97	17.13
0700	-	-	-	-	-	-	1.67	5.00	13.33
0730	-	-	-	-	-	-	0.56	6.11	15.00
0800	-	-	-	-	-	-	0.56	4.44	13.33
0830	-	-	-	-	0.56	-	0.56	2.81	12.92
0900	-	-	-	-	-	-	0.55	2.21	8.84
0930	-	-	-	-	-	-	-	1.67	8.33
1000	-	-	-	-	-	-	-	1.69	8.99
1030	-	-	-	-	-	-	0.55	2.21	7.18
1100	-	-	-	-	-	-	0.56	1.11	7.78
1130	-	-	-	-	-	-	-	1.66	6.08
1200	-	-	-	-	-	-	0.56	1.67	7.78
1230	-	-	-	-	0.56	-	0.56	2.22	6.67
1300	-	-	-	-	0.55	-	1.09	2.19	6.01
1330	-	-	-	-	-	-	1.11	1.11	5.56
1400	-	-	-	-	-	-	-	1.09	8.15
1430	-	-	-	-	-	-	-	1.65	7.14
1500	-	-	-	-	-	-	-	0.55	4.97
1530	-	-	-	-	-	-	-	-	2.76
1600	-	-	-	-	-	-	-	1.09	4.35

1630	-	-	-	-	-	-	-	0.54	5.43
1700	-	-	-	-	0.54	-	0.54	1.09	6.52
1730	-	-	-	-	-	-	-	0.55	6.56
1800	-	-	-	-	-	-	-	1.08	7.57
1830	-	-	-	-	-	-	-	1.11	8.33
1900	-	-	-	-	-	-	0.55	1.09	9.84
1930	-	-	-	-	-	0.54	1.09	1.63	10.33
2000	-	-	-	-	-	-	-	1.64	9.84
2030	-	-	-	-	-	-	-	1.09	9.84
2100	-	-	-	-	-	-	-	2.76	10.50
2130	-	-	-	-	0.56	-	0.56	3.35	12.29
2200	-	-	-	-	0.55	-	1.66	2.76	11.05
2230	-	-	-	-	-	-	0.55	2.21	11.60
2300	-	-	-	-	-	-	0.55	2.20	12.64
2330	-	-	-	-	-	-	-	2.79	13.97
TOTAL	-	-	0.01	0.02	0.37	0.05	0.99	2.91	11.00

In October, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters, based on six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.99% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

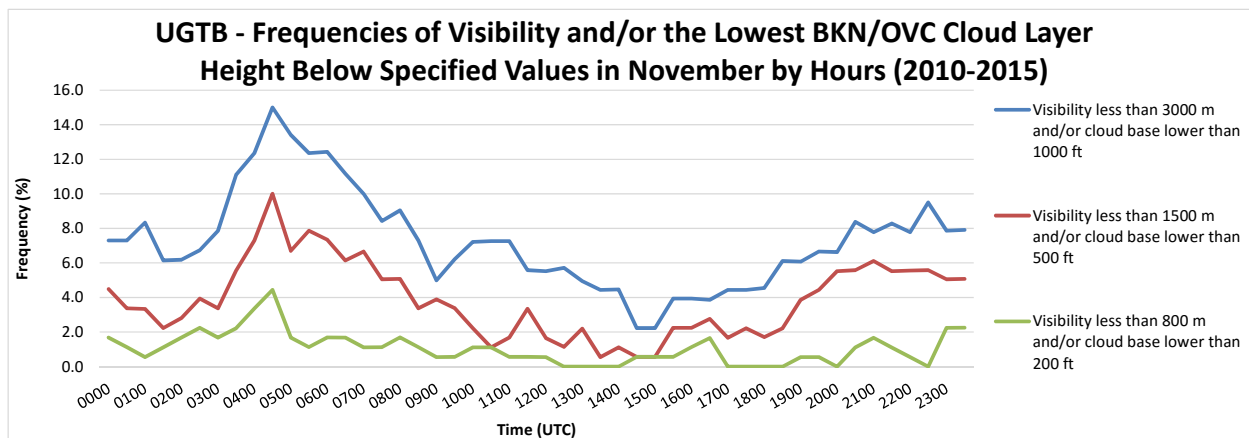
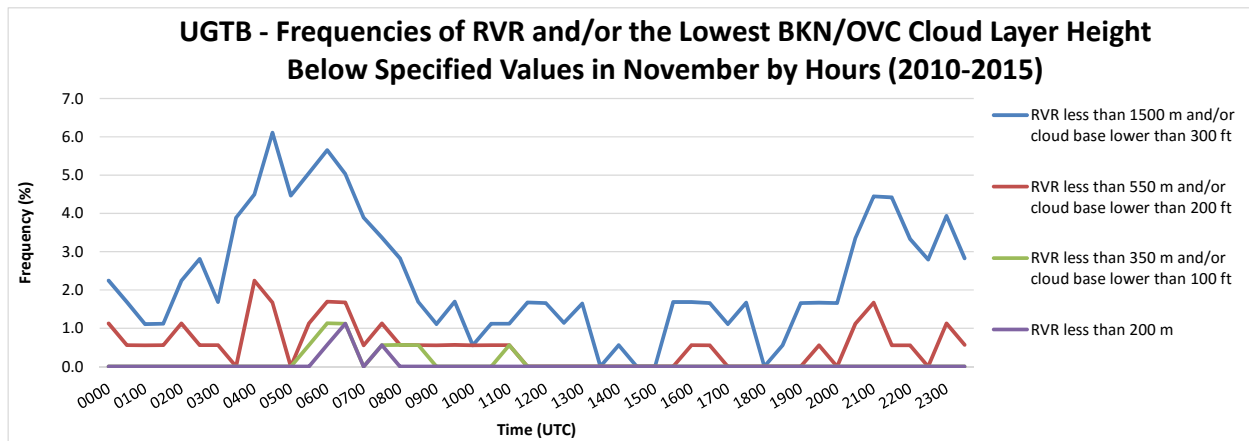
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	1.12	2.25	1.69	4.49	7.30	19.66
0030	-	-	-	0.56	1.69	1.12	3.37	7.30	20.79
0100	-	-	-	0.56	1.11	0.56	3.33	8.33	22.22
0130	-	-	-	0.56	1.12	1.12	2.23	6.15	24.02
0200	-	-	-	1.12	2.25	1.69	2.81	6.18	25.28
0230	-	-	-	0.56	2.81	2.25	3.93	6.74	23.03
0300	-	-	-	0.56	1.69	1.69	3.37	7.87	23.03
0330	-	-	-	-	3.89	2.22	5.56	11.11	27.78
0400	-	-	-	2.25	4.49	3.37	7.30	12.36	32.58
0430	-	-	-	1.67	6.11	4.44	10.00	15.00	31.67
0500	-	-	-	-	4.47	1.68	6.70	13.41	31.28
0530	-	-	0.56	1.12	5.06	1.12	7.87	12.36	32.58
0600	-	0.56	1.13	1.69	5.65	1.69	7.34	12.43	31.07
0630	-	1.12	1.12	1.68	5.03	1.68	6.15	11.17	27.37
0700	-	-	-	0.56	3.89	1.11	6.67	10.00	26.67
0730	-	0.56	0.56	1.12	3.37	1.12	5.06	8.43	27.53
0800	-	-	0.56	0.56	2.82	1.69	5.08	9.04	28.25
0830	-	-	0.56	0.56	1.69	1.12	3.37	7.30	25.84
0900	-	-	-	0.56	1.11	0.56	3.89	5.00	22.22
0930	-	-	-	0.56	1.69	0.56	3.39	6.21	19.77
1000	-	-	-	0.56	0.56	1.11	2.22	7.22	18.33
1030	-	-	-	0.56	1.12	1.12	1.12	7.26	16.20
1100	-	-	0.56	0.56	1.12	0.56	1.68	7.26	17.88
1130	-	-	-	-	1.68	0.56	3.35	5.59	16.20
1200	-	-	-	-	1.66	0.55	1.66	5.52	17.13
1230	-	-	-	-	1.14	-	1.14	5.71	17.71
1300	-	-	-	-	1.65	-	2.20	4.95	21.43
1330	-	-	-	-	-	-	0.56	4.44	21.67
1400	-	-	-	-	0.56	-	1.12	4.47	21.23
1430	-	-	-	-	-	0.56	0.56	2.23	16.76
1500	-	-	-	-	-	0.56	0.56	2.23	14.53
1530	-	-	-	-	1.69	0.56	2.25	3.93	18.54
1600	-	-	-	0.56	1.69	1.12	2.25	3.93	17.42

1630	-	-	-	0.55	1.66	1.66	2.76	3.87	17.13
1700	-	-	-	-	1.11	-	1.67	4.44	16.67
1730	-	-	-	-	1.67	-	2.22	4.44	15.56
1800	-	-	-	-	-	-	1.70	4.55	18.18
1830	-	-	-	-	0.56	-	2.22	6.11	19.44
1900	-	-	-	-	1.66	0.55	3.87	6.08	18.23
1930	-	-	-	0.56	1.67	0.56	4.44	6.67	20.56
2000	-	-	-	-	1.66	-	5.52	6.63	20.99
2030	-	-	-	1.12	3.35	1.12	5.59	8.38	21.23
2100	-	-	-	1.67	4.44	1.67	6.11	7.78	18.89
2130	-	-	-	0.55	4.42	1.10	5.52	8.29	21.55
2200	-	-	-	0.56	3.33	0.56	5.56	7.78	22.22
2230	-	-	-	-	2.79	-	5.59	9.50	24.02
2300	-	-	-	1.12	3.93	2.25	5.06	7.87	20.22
2330	-	-	-	0.56	2.82	2.26	5.08	7.91	19.77
TOTAL	-	0.05	0.10	0.55	2.29	1.06	3.86	7.26	21.92

In November, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-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 Tbilisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 3.86% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

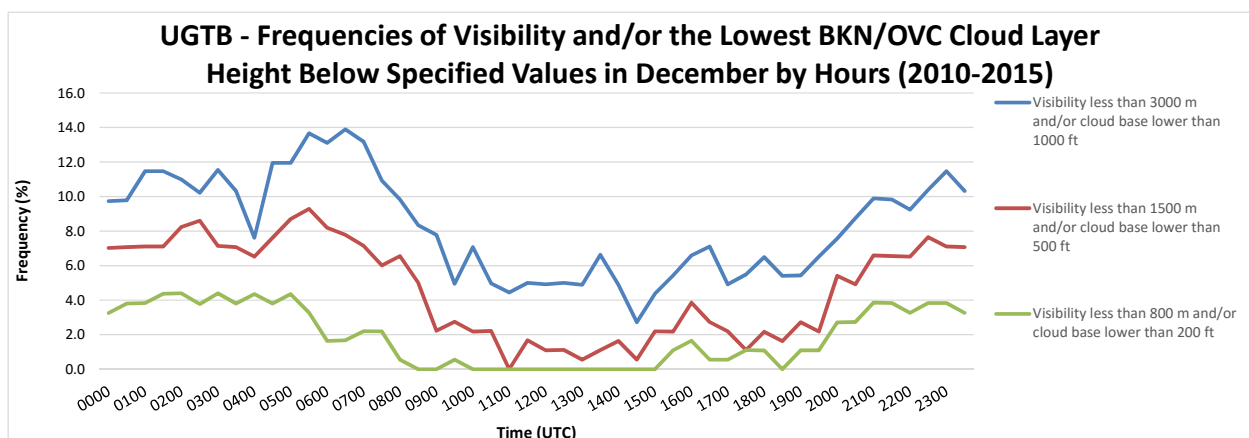
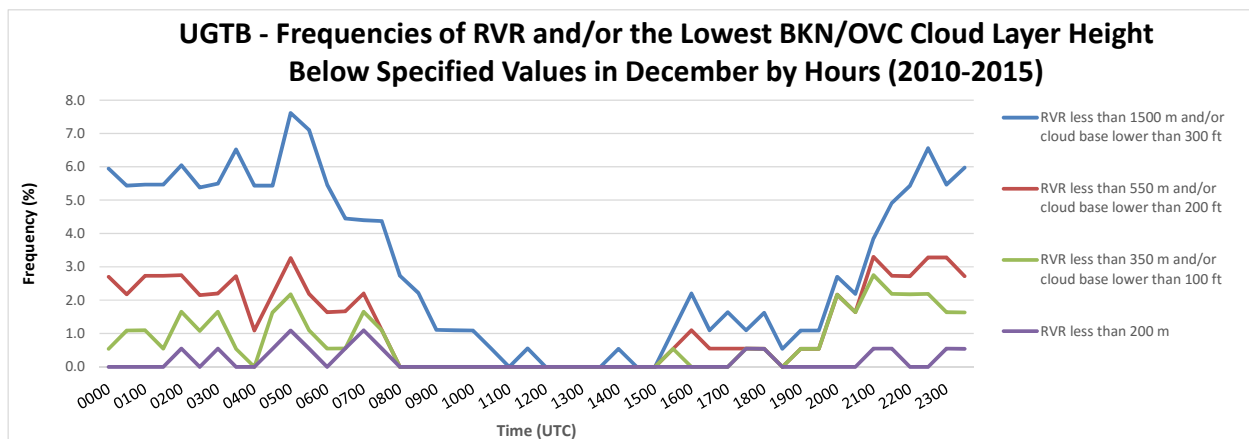
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.54	2.70	5.95	3.24	7.03	9.73	24.86
0030	-	-	1.09	2.17	5.43	3.80	7.07	9.78	26.09
0100	-	-	1.09	2.73	5.46	3.83	7.10	11.48	25.14
0130	-	-	0.55	2.73	5.46	4.37	7.10	11.48	23.50
0200	-	0.55	1.65	2.75	6.04	4.40	8.24	10.99	21.98
0230	-	-	1.08	2.15	5.38	3.76	8.60	10.22	22.58
0300	-	0.55	1.65	2.20	5.49	4.40	7.14	11.54	21.98
0330	-	-	0.54	2.72	6.52	3.80	7.07	10.33	22.83
0400	-	-	-	1.09	5.43	4.35	6.52	7.61	23.37
0430	-	0.54	1.63	2.17	5.43	3.80	7.61	11.96	34.24
0500	-	1.09	2.17	3.26	7.61	4.35	8.70	11.96	32.61
0530	-	0.55	1.09	2.19	7.10	3.28	9.29	13.66	30.60
0600	-	-	0.55	1.64	5.46	1.64	8.20	13.11	31.69
0630	-	0.56	0.56	1.67	4.44	1.67	7.78	13.89	31.11
0700	-	1.10	1.65	2.20	4.40	2.20	7.14	13.19	28.57
0730	-	0.55	1.09	1.09	4.37	2.19	6.01	10.93	27.87
0800	-	-	-	-	2.73	0.55	6.56	9.84	25.68
0830	-	-	-	-	2.22	-	5.00	8.33	24.44
0900	-	-	-	-	1.11	-	2.22	7.78	25.56
0930	-	-	-	-	1.10	0.55	2.75	4.95	23.63
1000	-	-	-	-	1.09	-	2.17	7.07	20.65
1030	-	-	-	-	0.55	-	2.21	4.97	20.99
1100	-	-	-	-	-	-	-	4.44	20.56
1130	-	-	-	-	0.56	-	1.67	5.00	18.89
1200	-	-	-	-	-	-	1.09	4.92	20.77
1230	-	-	-	-	-	-	1.11	5.00	22.22
1300	-	-	-	-	-	-	0.54	4.89	26.63
1330	-	-	-	-	-	-	1.10	6.63	28.18
1400	-	-	-	-	0.54	-	1.63	4.89	30.98
1430	-	-	-	-	-	-	0.54	2.72	25.54
1500	-	-	-	-	-	-	2.19	4.37	26.78
1530	-	-	0.54	0.54	1.09	1.09	2.17	5.43	26.09
1600	-	-	-	1.10	2.20	1.65	3.85	6.59	26.37

1630	-	-	-	0.55	1.09	0.55	2.73	7.10	24.59
1700	-	-	-	0.55	1.64	0.55	2.19	4.92	25.68
1730	-	0.55	0.55	0.55	1.10	1.10	1.10	5.49	25.82
1800	-	0.54	0.54	0.54	1.62	1.08	2.16	6.49	27.03
1830	-	-	-	-	0.54	-	1.62	5.41	22.70
1900	-	-	0.54	0.54	1.09	1.09	2.72	5.43	24.46
1930	-	-	0.54	0.54	1.09	1.09	2.17	6.52	24.46
2000	-	-	2.16	2.16	2.70	2.70	5.41	7.57	24.32
2030	-	-	1.64	1.64	2.19	2.73	4.92	8.74	24.59
2100	-	0.55	2.75	3.30	3.85	3.85	6.59	9.89	24.73
2130	-	0.55	2.19	2.73	4.92	3.83	6.56	9.84	26.78
2200	-	-	2.17	2.72	5.43	3.26	6.52	9.24	29.35
2230	-	-	2.19	3.28	6.56	3.83	7.65	10.38	27.32
2300	-	0.55	1.64	3.28	5.46	3.83	7.10	11.48	24.59
2330	-	0.54	1.63	2.72	5.98	3.26	7.07	10.33	27.17
TOTAL	-	0.18	0.75	1.30	3.10	1.91	4.67	8.30	25.56

In December, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-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 Tbilisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 4.67% (see Model A).







**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL B**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.53	1.60	2.14	2.67	3.21	6.42	11.76	24.60
0030	1.08	2.69	3.76	3.76	5.38	9.14	15.59	23.12
0100	1.08	3.23	4.30	4.84	5.91	8.06	14.52	22.58
0130	1.07	3.21	4.28	4.28	4.81	7.49	13.90	22.46
0200	1.08	3.76	3.76	4.30	5.91	8.60	13.44	24.19
0230	2.20	4.95	6.04	6.04	7.14	8.24	13.74	25.27
0300	1.64	5.46	6.56	6.56	8.74	10.93	15.30	26.23
0330	2.16	4.86	5.95	5.95	7.57	9.19	12.97	25.95
0400	2.70	5.41	7.03	7.03	8.11	8.65	13.51	24.32
0430	3.28	6.01	7.10	7.65	9.84	14.75	24.04	31.69
0500	3.23	6.99	8.06	8.06	9.68	17.20	24.19	32.80
0530	2.69	5.38	8.06	8.06	13.44	18.82	25.27	36.02
0600	1.62	3.24	5.95	7.03	10.27	15.14	24.32	34.59
0630	1.08	3.24	4.32	4.32	7.57	16.22	25.41	36.22
0700	1.08	2.16	2.70	3.24	8.65	13.51	26.49	36.76
0730	0.55	1.09	1.64	2.19	6.01	13.11	24.04	34.43
0800	-	-	1.08	1.62	2.70	9.73	21.08	32.43
0830	-	-	0.54	0.54	3.24	7.57	18.92	31.35
0900	-	0.54	0.54	1.09	3.80	6.52	16.85	29.35
0930	-	-	-	1.63	2.17	5.98	14.67	26.63
1000	-	0.54	0.54	1.08	1.08	6.49	16.76	25.95
1030	-	-	-	-	1.62	4.32	15.14	24.32
1100	-	-	-	-	1.08	5.38	15.05	23.66
1130	-	-	-	0.54	2.15	4.84	11.83	24.73
1200	-	-	-	0.54	1.08	4.86	12.97	23.24
1230	-	-	-	-	1.09	4.37	12.02	22.95
1300	0.55	0.55	0.55	0.55	1.64	4.92	13.11	24.59
1330	-	0.55	0.55	0.55	1.64	4.92	12.02	25.68
1400	-	-	-	-	2.70	5.95	15.14	29.73
1430	-	-	-	-	1.63	3.26	9.78	25.54
1500	-	-	-	-	1.08	3.78	7.57	22.70
1530	-	-	-	-	1.08	4.32	8.65	22.16
1600	-	-	-	0.54	2.16	4.86	8.65	22.16
1630	0.54	0.54	1.61	1.61	2.69	6.45	9.14	23.12
1700	0.54	1.08	1.61	1.61	3.76	7.53	10.22	24.19

1730	1.08	1.62	2.16	2.16	2.70	7.57	11.89	23.24
1800	0.54	1.08	2.16	2.70	3.24	8.65	14.05	23.78
1830	-	1.61	1.61	2.15	3.76	6.99	13.44	24.73
1900	-	1.63	1.63	2.17	4.35	7.61	10.33	25.54
1930	0.55	1.64	1.64	2.19	3.83	8.20	10.38	25.68
2000	0.54	1.63	2.72	2.72	5.98	9.24	11.96	25.54
2030	1.65	3.30	3.85	4.40	6.59	9.34	13.19	25.27
2100	0.54	2.17	2.72	3.80	5.98	9.24	13.04	26.09
2130	1.08	2.15	3.23	4.30	6.99	10.22	13.44	25.81
2200	2.72	3.80	3.80	4.35	5.98	9.24	15.22	24.46
2230	1.09	1.64	2.73	2.73	4.37	9.84	14.75	26.23
2300	1.09	2.17	3.26	3.80	5.43	8.70	15.76	27.17
2330	1.09	1.09	2.73	3.28	3.83	5.46	10.93	24.59
Mean	0.85	1.93	2.56	2.89	4.66	8.37	14.93	26.54

According to the climatological table of January the mean percentage of visibility values below 8000 meters is 26.54%, correspondingly, the mean percentage of 73.46% 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 0.85% (See climatological table of January, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	1.19	3.57	4.76	4.76	11.31	13.10	15.48	26.79
0030	2.96	2.96	5.33	5.33	10.06	14.20	16.57	27.22
0100	2.41	2.41	3.61	3.61	7.83	12.65	15.66	27.11
0130	0.60	2.41	3.61	3.61	7.83	9.64	15.66	24.10
0200	2.40	2.40	2.99	2.99	5.39	8.98	14.37	24.55
0230	2.38	2.38	4.76	4.76	9.52	11.90	14.88	25.60
0300	2.96	4.14	4.14	4.14	8.28	13.02	16.57	26.63
0330	2.41	3.61	4.22	4.82	9.64	11.45	18.67	25.90
0400	1.20	4.22	5.42	5.42	10.84	14.46	24.70	39.16
0430	1.81	4.22	4.22	4.82	7.83	13.25	23.49	35.54
0500	1.21	4.24	5.45	6.06	10.30	16.36	26.06	38.79
0530	-	1.84	1.84	3.07	7.98	14.11	26.99	41.10
0600	0.61	1.83	2.44	3.05	7.32	12.80	24.39	39.63
0630	0.60	0.60	1.20	2.41	7.83	12.65	22.89	39.16
0700	-	-	0.61	0.61	3.66	12.80	24.39	39.63
0730	-	-	-	0.61	4.85	10.30	20.61	35.76
0800	-	-	-	1.19	2.98	8.33	17.26	32.14
0830	-	-	-	-	1.79	7.14	16.07	32.14
0900	-	-	-	-	1.81	4.82	12.65	30.12
0930	-	-	-	0.60	1.79	5.95	11.90	26.79
1000	-	-	0.60	1.20	1.80	3.59	11.98	24.55
1030	-	-	1.22	1.22	1.83	3.66	9.76	21.34
1100	-	-	-	-	1.79	2.38	9.52	20.24
1130	-	-	-	0.60	1.19	2.98	6.55	19.05
1200	-	-	-	-	1.20	2.99	5.99	17.37
1230	-	-	-	-	0.60	2.98	6.55	18.45
1300	-	-	-	-	-	2.99	5.99	16.17
1330	-	-	-	-	-	1.80	7.78	15.57
1400	-	-	-	-	-	3.01	9.64	15.66
1430	-	-	-	-	0.60	3.01	7.83	16.27
1500	-	-	-	-	0.61	2.42	7.88	13.94
1530	0.60	0.60	0.60	0.60	1.20	2.40	6.59	11.98
1600	0.61	0.61	0.61	1.22	2.44	3.05	4.27	12.20
1630	-	-	-	-	1.23	3.09	5.56	12.96
1700	-	-	-	0.61	3.66	5.49	8.54	14.02

1730	0.61	1.82	1.82	2.42	4.85	7.88	12.12	16.97
1800	0.61	1.22	2.44	2.44	4.88	7.93	8.54	18.29
1830	2.41	3.01	3.01	3.61	5.42	8.43	11.45	19.88
1900	2.44	3.05	3.05	3.66	5.49	7.32	11.59	19.51
1930	2.45	3.07	3.07	3.68	4.91	6.13	11.04	19.63
2000	2.42	3.03	3.03	4.24	4.85	5.45	12.73	20.61
2030	1.83	4.27	4.27	5.49	6.10	6.71	11.59	19.51
2100	3.73	5.59	6.83	6.83	8.07	8.07	11.80	22.98
2130	3.73	4.97	4.97	6.21	7.45	8.07	12.42	26.09
2200	2.45	5.52	5.52	6.75	7.98	8.59	11.66	24.54
2230	2.50	3.75	5.63	6.88	8.75	8.75	11.88	22.50
2300	2.48	3.11	3.11	4.35	8.07	9.32	11.80	24.84
2330	1.28	2.56	3.21	3.85	7.69	10.26	13.46	23.08
Mean	1.10	1.81	2.24	2.66	5.03	7.85	13.45	24.29

According to the climatological table of February the mean percentage of visibility values below 8000 meters is 24.29%, correspondingly, the mean percentage of 75.71% 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 1.10% (See climatological table of February, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	1.62	4.32	8.11
0030	-	-	-	0.54	1.08	2.16	4.32	8.65
0100	-	0.54	1.08	1.08	1.62	2.70	3.78	7.57
0130	-	0.54	0.54	0.54	1.09	2.17	2.72	7.61
0200	-	0.53	0.53	0.53	1.60	2.14	2.67	8.56
0230	-	-	-	-	1.62	2.70	3.78	7.57
0300	-	-	-	0.54	2.16	2.16	4.86	12.97
0330	-	-	-	-	1.61	2.69	11.29	18.82
0400	-	-	-	0.54	1.08	5.95	10.81	20.54
0430	-	0.55	0.55	1.10	1.65	3.85	10.44	19.78
0500	-	-	-	0.53	2.14	4.28	9.09	18.18
0530	-	0.55	1.09	1.64	2.19	3.83	10.93	19.67
0600	-	-	-	-	1.09	3.26	8.15	16.30
0630	-	-	-	-	1.09	4.37	8.20	17.49
0700	-	-	-	-	0.54	3.26	7.07	14.67
0730	-	-	-	-	-	1.65	7.14	13.74
0800	-	-	-	-	0.55	1.09	4.92	11.48
0830	-	-	-	-	-	1.09	2.19	9.29
0900	-	-	-	-	-	1.61	2.15	9.14
0930	-	-	-	-	-	2.20	3.85	7.69
1000	-	-	-	-	0.54	1.63	3.26	5.98
1030	-	-	-	-	-	1.66	3.87	6.63
1100	-	-	-	-	0.56	1.67	2.22	6.11
1130	-	-	-	-	0.54	1.09	2.17	5.43
1200	-	-	-	-	0.54	1.09	2.17	4.89
1230	-	-	-	-	0.55	1.65	2.75	4.95
1300	-	-	-	-	-	1.09	3.26	5.43
1330	-	-	-	-	-	1.10	3.85	6.59
1400	-	-	-	-	-	1.10	2.75	5.49
1430	-	-	-	-	-	1.10	2.76	4.97
1500	-	-	-	-	0.55	1.64	2.73	4.92
1530	-	-	-	-	-	1.09	1.63	4.35
1600	-	-	-	-	-	0.54	1.63	4.89
1630	-	-	-	-	-	-	2.19	3.83
1700	-	-	0.55	0.55	0.55	0.55	1.65	3.85

1730	-	-	0.54	0.54	0.54	1.08	1.62	4.32
1800	-	0.54	0.54	0.54	0.54	1.09	1.63	4.35
1830	-	-	0.54	0.54	1.09	1.09	2.17	3.80
1900	-	-	0.55	0.55	1.09	1.09	1.64	4.92
1930	-	-	-	-	0.55	1.09	1.64	6.01
2000	-	-	-	-	-	0.55	3.28	7.10
2030	-	-	-	-	-	-	2.73	6.56
2100	-	-	-	-	-	0.55	2.76	7.18
2130	-	-	-	-	-	0.54	3.26	7.61
2200	-	-	-	-	-	-	4.32	8.65
2230	-	-	0.54	0.54	0.54	0.54	2.16	8.65
2300	-	-	-	0.55	0.55	2.19	2.73	7.10
2330	-	-	-	-	-	2.20	3.85	7.69
Mean	-	0.07	0.15	0.23	0.62	1.75	4.07	8.75

According to the climatological table of March the mean percentage of visibility values below 8000 meters is 8.75%, correspondingly, the mean percentage of 91.25% 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 0.07% (See climatological table of March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	1.13	2.82	4.52
0030	-	-	-	-	-	1.12	2.81	5.06
0100	-	-	-	-	-	1.12	3.93	5.06
0130	-	-	-	-	-	0.56	2.79	5.03
0200	-	0.56	0.56	0.56	1.11	1.67	4.44	8.33
0230	0.57	0.57	0.57	0.57	0.57	2.29	5.14	12.57
0300	-	-	0.56	0.56	0.56	1.69	6.78	11.86
0330	-	-	-	-	0.56	2.82	7.91	15.25
0400	-	-	-	-	0.56	2.25	5.06	11.80
0430	-	-	-	-	1.11	2.22	4.44	10.56
0500	-	-	-	-	0.56	1.11	3.33	7.78
0530	-	-	-	-	1.13	2.26	3.95	7.34
0600	-	-	0.56	0.56	1.12	2.23	5.03	7.82
0630	-	-	-	-	-	1.69	2.82	7.91
0700	-	-	-	-	-	-	2.22	10.00
0730	-	-	-	-	-	0.57	1.14	8.00
0800	-	-	-	-	-	0.56	1.69	6.78
0830	-	-	-	-	-	-	1.12	5.06
0900	-	-	-	-	-	0.56	1.12	6.18
0930	-	-	-	-	-	-	0.56	6.18
1000	-	-	-	-	-	-	0.56	5.62
1030	-	-	-	-	-	-	1.69	4.49
1100	-	-	-	-	0.55	0.55	1.66	4.42
1130	-	-	-	-	-	0.56	1.11	3.89
1200	-	-	-	-	-	-	0.56	1.69
1230	-	-	-	-	-	-	0.56	1.69
1300	-	-	-	-	-	-	-	1.68
1330	-	-	-	-	-	-	1.13	2.26
1400	-	-	-	-	-	-	0.56	2.78
1430	-	-	-	-	-	1.11	1.67	3.89
1500	-	-	-	-	-	1.68	2.23	3.35
1530	-	-	-	-	-	1.68	1.68	5.03
1600	-	-	-	-	0.56	1.11	2.22	3.33
1630	-	-	-	-	-	-	1.66	2.21
1700	-	-	-	-	-	-	1.11	2.78

1730	-	-	-	-	-	0.56	2.22	3.89
1800	-	-	-	-	-	1.11	1.67	3.33
1830	-	-	-	-	0.56	1.67	2.22	3.89
1900	-	-	-	-	1.10	1.10	1.65	4.40
1930	-	-	-	-	-	2.21	2.21	3.87
2000	-	-	-	-	0.56	1.68	1.68	3.35
2030	-	-	-	-	-	1.11	2.22	3.89
2100	-	-	-	-	-	0.56	2.22	3.89
2130	-	-	-	-	-	0.56	1.69	3.37
2200	-	-	-	-	-	1.12	1.68	4.47
2230	-	-	-	-	-	1.65	2.20	3.85
2300	-	-	-	-	-	0.56	2.22	3.89
2330	-	-	0.57	0.57	0.57	0.57	1.70	3.41
Mean	0.01	0.02	0.06	0.06	0.23	0.98	2.36	5.45

According to the climatological table of April the mean percentage of visibility values below 8000 meters is 5.45%, correspondingly, the mean percentage of 94.55% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	1.10
0030	-	-	-	-	-	-	-	0.54
0100	-	-	-	-	-	-	-	0.54
0130	-	-	-	0.54	0.54	1.08	1.62	2.16
0200	0.53	0.53	0.53	0.53	0.53	1.07	1.60	2.14
0230	-	-	-	-	-	-	1.06	2.66
0300	-	-	-	-	-	-	1.09	3.26
0330	-	-	-	-	-	-	1.08	4.84
0400	-	-	-	-	-	-	1.08	4.84
0430	-	-	-	-	-	-	1.63	4.35
0500	-	-	-	-	-	-	1.08	3.78
0530	-	-	-	-	-	-	-	3.80
0600	-	-	-	-	-	-	-	2.17
0630	-	-	-	-	-	-	-	2.16
0700	-	-	-	-	-	-	-	1.67
0730	-	-	-	-	-	-	0.55	2.73
0800	-	-	-	-	-	0.54	0.54	2.17
0830	-	-	-	-	-	-	0.55	1.65
0900	-	-	-	-	-	-	0.55	1.10
0930	-	-	-	-	-	-	0.55	1.66
1000	-	-	-	-	-	-	0.56	1.13
1030	-	-	-	-	-	-	0.56	1.12
1100	-	-	-	-	-	-	0.56	0.56
1130	-	-	-	-	-	-	0.55	1.10
1200	-	-	-	-	-	-	0.56	1.11
1230	-	-	-	-	-	-	0.56	1.68
1300	-	-	-	-	-	-	-	1.12
1330	-	-	-	-	-	-	-	1.12
1400	-	-	-	-	-	-	-	1.69
1430	-	-	-	-	-	-	0.55	1.65
1500	-	-	-	-	-	-	0.55	0.55
1530	-	-	-	-	0.55	0.55	0.55	2.19
1600	-	-	-	-	-	-	1.09	2.19
1630	-	-	-	-	-	0.55	0.55	1.64
1700	-	-	-	-	-	-	0.56	1.12

1730	-	-	-	-	-	-	-	0.54
1800	-	-	-	-	-	-	0.55	0.55
1830	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	0.54
1930	-	-	-	-	-	-	-	1.08
2000	-	-	-	-	-	-	-	1.08
2030	-	-	-	-	-	-	-	0.55
2100	-	-	-	-	-	-	-	0.55
2130	-	-	-	-	-	0.54	0.54	1.09
2200	-	-	-	-	-	0.54	0.54	0.54
2230	-	-	-	-	-	-	0.54	1.08
2300	-	-	-	-	-	-	0.55	1.10
2330	-	-	-	-	-	-	0.56	1.67
Mean	0.01	0.01	0.01	0.02	0.03	0.10	0.49	1.66

According to the climatological table of May the mean percentage of visibility values below 8000 meters is 1.66%, correspondingly, the mean percentage of 98.34% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	-	0.54
0130	-	-	-	-	-	-	0.56	1.67
0200	-	-	-	-	-	-	-	0.55
0230	-	-	-	-	-	-	0.55	1.10
0300	-	-	-	-	-	-	-	0.55
0330	-	-	-	-	-	-	0.54	0.54
0400	-	-	-	-	-	-	0.56	1.11
0430	-	-	-	-	-	-	-	0.55
0500	-	-	-	-	-	-	-	-
0530	-	-	-	-	-	-	-	-
0600	-	-	-	-	-	-	-	-
0630	-	-	-	-	-	-	-	-
0700	-	-	-	-	-	-	-	-
0730	-	-	-	-	-	-	-	-
0800	-	-	-	-	-	-	-	-
0830	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-
0930	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	0.55	0.55
1030	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	0.54	0.54
1130	-	-	-	-	-	-	0.55	0.55
1200	-	-	-	-	-	-	-	-
1230	-	-	-	-	-	-	-	-
1300	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	0.55
1400	-	-	-	-	-	-	-	-
1430	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	-
1530	-	-	-	-	-	-	-	0.55
1600	-	-	-	-	-	-	-	0.55
1630	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-	-

1730	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-
1830	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	0.55	0.55	0.55
2030	-	-	-	-	-	-	0.55	1.09
2100	-	-	-	-	-	-	-	0.55
2130	-	-	-	-	-	-	-	0.55
2200	-	-	-	-	-	-	-	0.56
2230	-	-	-	-	-	-	-	-
2300	-	-	-	-	-	-	-	-
2330	-	-	-	-	-	-	-	-
Mean	-	-	-	-	-	0.01	0.10	0.28

According to the climatological table of June the mean percentage of visibility values below 8000 meters is 0.28%, correspondingly, the mean percentage of 99.72% 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 3000 meters is 0.01% (See climatological table of June, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	0.54
0100	-	-	-	-	-	-	-	0.53
0130	-	-	-	-	0.55	0.55	0.55	1.09
0200	-	-	-	-	-	-	0.54	0.54
0230	-	-	-	-	-	-	0.55	1.10
0300	-	-	-	-	-	-	0.54	0.54
0330	-	-	-	-	-	-	0.54	0.54
0400	-	-	-	-	-	-	0.54	0.54
0430	-	-	-	-	-	-	0.54	0.54
0500	-	-	-	-	-	-	0.54	0.54
0530	-	-	-	-	-	-	0.54	0.54
0600	-	-	-	-	-	-	0.55	1.10
0630	-	-	-	-	-	0.55	0.55	1.10
0700	-	-	-	-	-	-	0.55	0.55
0730	-	-	-	-	-	0.54	0.54	0.54
0800	-	-	-	-	-	-	-	0.54
0830	-	-	-	-	-	-	0.55	0.55
0900	-	-	-	-	-	-	0.55	0.55
0930	-	-	-	-	-	-	-	0.55
1000	-	-	-	-	-	-	-	-
1030	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-
1130	-	-	-	-	-	-	-	-
1200	-	-	-	-	-	-	-	-
1230	-	-	-	-	-	-	-	-
1300	-	-	-	-	-	-	-	-
1330	-	-	-	-	-	-	-	-
1400	-	-	-	-	-	-	-	-
1430	-	-	-	-	-	-	0.55	1.09
1500	-	-	-	-	-	-	-	0.54
1530	-	-	-	-	-	-	0.56	0.56
1600	-	-	-	-	-	-	-	-
1630	-	-	-	-	-	-	1.69	2.82
1700	-	-	-	-	-	-	-	-

1730	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-
1830	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-
2130	-	-	-	-	-	-	0.54	0.54
2200	-	-	-	-	-	-	-	-
2230	-	-	-	-	-	-	-	-
2300	-	-	-	-	-	-	-	-
2330	-	-	-	-	-	-	-	-
Mean	-	-	-	-	0.01	0.03	0.24	0.38

According to the climatological table of July 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 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	-
0030	-	-	-	-	-	-	-	-
0100	-	-	-	-	-	-	0.55	0.55
0130	-	-	-	-	-	-	0.56	1.11
0200	-	-	-	-	-	-	0.55	1.10
0230	-	-	-	-	-	0.55	0.55	2.19
0300	-	-	-	-	-	-	-	0.55
0330	-	-	-	-	-	-	-	0.55
0400	-	-	-	-	-	-	-	0.55
0430	-	-	-	-	-	-	0.56	0.56
0500	-	-	-	-	-	-	-	0.54
0530	-	-	-	-	-	-	-	0.55
0600	-	-	-	-	-	-	0.55	0.55
0630	-	-	-	-	-	-	0.55	0.55
0700	-	-	-	-	-	-	-	-
0730	-	-	-	-	-	-	-	1.10
0800	-	-	-	-	-	-	-	0.55
0830	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	0.55
0930	-	-	-	-	-	-	0.56	0.56
1000	-	-	-	-	-	-	-	-
1030	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-
1130	-	-	-	-	-	0.55	0.55	0.55
1200	-	-	-	-	-	-	0.55	0.55
1230	-	-	-	-	-	-	-	0.56
1300	-	-	-	-	-	-	0.55	0.55
1330	-	-	-	-	-	-	-	0.55
1400	-	-	-	-	-	-	-	0.55
1430	-	-	-	-	-	-	-	0.55
1500	-	-	-	-	-	-	-	0.54
1530	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-
1630	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	0.54	1.09

1730	-	-	-	-	-	-	-	0.56
1800	-	-	-	-	-	-	-	0.55
1830	-	-	-	-	-	-	-	0.56
1900	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	0.56
2000	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-
2130	-	-	-	-	-	-	0.55	0.55
2200	-	-	-	-	-	-	0.54	0.54
2230	-	-	-	-	-	-	-	1.65
2300	-	-	-	-	-	-	-	1.11
2330	-	-	-	-	-	-	-	0.57
Mean	-	-	-	-	-	0.02	0.16	0.50

According to the climatological table of August the mean percentage of visibility values below 8000 meters is 0.50%, correspondingly, the mean percentage of 99.50% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	0.57	1.15
0030	-	-	-	-	-	-	0.56	1.13
0100	-	-	-	-	-	-	-	1.10
0130	-	-	-	-	-	-	-	1.12
0200	-	-	-	-	-	-	-	1.13
0230	-	-	-	-	-	-	-	2.23
0300	-	-	-	-	-	-	0.56	2.78
0330	-	-	-	-	-	-	1.11	2.22
0400	-	-	-	-	-	-	1.12	1.68
0430	-	-	-	-	-	-	1.11	2.78
0500	-	-	-	-	-	-	0.56	1.69
0530	-	-	-	-	-	-	1.73	3.47
0600	-	-	-	-	-	-	1.13	2.82
0630	-	-	-	-	-	-	1.69	2.25
0700	-	-	-	-	-	-	-	1.11
0730	-	-	-	-	-	-	0.57	1.71
0800	-	-	-	-	-	-	0.56	1.69
0830	-	-	-	-	-	-	-	1.14
0900	-	-	-	-	-	-	-	0.56
0930	-	-	-	-	-	-	-	0.57
1000	-	-	-	-	-	-	-	0.56
1030	-	-	-	-	-	-	-	0.56
1100	-	-	-	-	-	-	-	1.69
1130	-	-	-	-	-	-	-	0.57
1200	-	-	-	-	-	-	-	0.56
1230	-	-	-	-	-	-	-	0.56
1300	-	-	-	-	-	0.57	0.57	0.57
1330	-	-	-	-	-	0.56	0.56	0.56
1400	-	-	-	-	0.56	0.56	0.56	1.12
1430	-	-	-	-	-	0.56	0.56	1.69
1500	-	-	-	-	-	-	-	0.56
1530	-	-	-	-	-	0.56	0.56	0.56
1600	-	-	-	-	-	0.56	0.56	1.12
1630	-	-	-	-	-	0.56	0.56	1.69
1700	-	-	-	-	-	-	0.56	1.12

1730	-	-	-	-	-	-	-	1.11
1800	-	-	-	-	-	-	-	0.56
1830	-	-	-	-	-	0.56	0.56	1.11
1900	-	-	-	-	-	-	0.56	1.68
1930	-	-	-	-	-	-	0.56	1.12
2000	-	-	-	-	-	-	0.56	1.12
2030	-	-	-	-	-	-	1.11	1.11
2100	-	-	-	-	-	0.56	1.12	1.12
2130	-	-	-	-	-	0.56	1.12	1.12
2200	-	-	-	-	-	-	1.12	1.12
2230	-	-	-	-	-	-	1.14	1.14
2300	-	-	-	-	-	-	0.56	1.11
2330	-	-	-	-	-	-	0.56	2.25
Mean	-	-	-	-	0.01	0.12	0.52	1.32

According to the climatological table of September the mean percentage of visibility values below 8000 meters is 1.32%, correspondingly, the mean percentage of 98.68% 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 1500 meters is 0.01% (See climatological table of September, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.56	2.81	8.43
0030	-	0.55	0.55	0.55	0.55	1.64	3.28	7.10
0100	-	0.54	0.54	0.54	1.09	1.63	3.80	8.70
0130	-	-	-	-	0.55	1.65	4.95	8.79
0200	-	-	-	-	-	1.09	5.43	8.70
0230	-	-	-	-	0.55	1.65	6.04	9.89
0300	-	-	-	-	-	1.09	5.98	9.78
0330	-	-	0.56	0.56	0.56	3.35	7.26	12.29
0400	-	-	-	-	0.56	3.33	7.22	11.67
0430	-	-	-	-	0.55	3.85	7.14	12.09
0500	-	-	-	-	-	2.75	6.04	14.84
0530	-	-	-	-	0.55	1.66	7.18	12.15
0600	-	-	-	-	-	2.21	6.63	12.15
0630	-	-	-	-	-	2.21	3.87	9.94
0700	-	-	-	-	-	1.67	5.00	8.33
0730	-	-	-	-	-	1.11	5.00	8.33
0800	-	-	-	-	-	0.56	3.33	7.22
0830	-	-	-	-	-	1.12	3.37	5.62
0900	-	-	-	-	-	0.55	1.66	3.31
0930	-	-	-	-	-	0.56	1.67	2.78
1000	-	-	-	-	-	0.56	1.69	4.49
1030	-	-	-	-	-	-	1.10	3.31
1100	-	-	-	-	-	-	1.11	3.33
1130	-	-	-	-	-	1.10	1.66	3.31
1200	-	-	-	-	-	0.56	2.22	4.44
1230	-	-	-	-	0.56	0.56	1.11	5.56
1300	-	-	-	-	-	0.55	1.64	3.83
1330	-	-	-	-	-	-	-	2.78
1400	-	-	-	-	-	-	1.63	4.35
1430	-	-	-	-	-	-	1.65	3.85
1500	-	-	-	-	-	-	-	0.55
1530	-	-	-	-	-	-	-	0.55
1600	-	-	-	-	-	0.54	0.54	2.17
1630	-	-	-	-	-	-	-	1.63
1700	-	-	-	-	-	-	-	3.26

1730	-	-	-	-	-	-	0.55	2.19
1800	-	-	-	-	-	-	-	3.24
1830	-	-	-	-	-	0.56	1.11	3.33
1900	-	-	-	-	-	-	1.64	4.92
1930	-	-	-	0.54	0.54	0.54	1.63	4.35
2000	-	-	-	-	-	0.55	1.09	4.37
2030	-	-	-	-	-	-	0.55	3.83
2100	-	-	-	-	-	-	1.10	4.97
2130	-	-	-	-	-	-	3.91	6.15
2200	-	-	-	-	0.55	0.55	1.66	4.97
2230	-	-	-	-	0.55	0.55	2.76	6.08
2300	-	-	-	-	-	0.55	3.85	7.14
2330	-	-	-	-	-	0.56	3.91	8.38
Mean	-	0.02	0.03	0.05	0.15	0.87	2.83	6.11

According to the climatological table of October the mean percentage of visibility values below 8000 meters is 6.11%, correspondingly, the mean percentage of 93.89% 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 400 meters is 0.02% (See climatological table of October, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	0.56	1.12	1.12	1.69	5.06	9.55	14.61
0030	-	-	0.56	0.56	1.12	4.49	10.67	15.73
0100	-	-	-	-	1.11	6.11	10.56	16.67
0130	-	-	0.56	0.56	0.56	5.03	10.61	17.32
0200	-	-	0.56	0.56	1.12	4.49	10.11	19.10
0230	-	-	1.12	1.69	2.25	3.93	8.43	17.42
0300	-	-	0.56	1.12	2.81	3.93	6.74	16.85
0330	0.56	1.11	2.22	2.22	3.33	5.56	10.00	22.22
0400	-	1.12	2.25	2.25	5.62	9.55	15.73	28.65
0430	0.56	0.56	2.22	3.33	7.78	11.11	18.89	29.44
0500	-	0.56	0.56	1.68	5.59	12.29	18.99	28.49
0530	-	0.56	0.56	0.56	5.62	10.11	16.85	29.21
0600	0.56	1.13	1.13	1.13	5.08	9.60	17.51	28.81
0630	0.56	1.68	1.68	1.68	2.79	5.59	14.53	25.14
0700	-	0.56	1.11	1.11	2.22	4.44	13.89	25.56
0730	0.56	0.56	1.12	1.12	1.69	3.37	11.80	24.72
0800	-	0.56	1.13	1.69	2.26	3.39	10.17	24.29
0830	-	0.56	0.56	1.12	2.25	2.81	8.99	20.22
0900	-	-	0.56	0.56	1.67	2.78	10.56	17.78
0930	-	-	0.56	0.56	0.56	2.26	8.47	15.82
1000	-	-	1.11	1.11	1.11	2.78	8.33	15.56
1030	-	-	-	0.83	0.83	2.50	6.67	15.00
1100	-	0.56	0.56	0.56	1.12	3.91	6.15	12.85
1130	-	-	-	0.56	1.12	3.35	7.26	12.29
1200	-	-	-	0.55	0.55	3.31	7.18	14.92
1230	-	-	-	-	1.14	3.43	6.29	14.29
1300	-	-	-	-	1.10	2.75	7.14	18.68
1330	-	-	-	-	-	3.89	7.78	19.44
1400	-	-	-	-	0.56	1.68	8.94	18.44
1430	-	-	-	0.56	0.56	2.23	5.03	12.29
1500	-	0.56	0.56	0.56	0.56	1.12	3.91	10.61
1530	-	0.56	0.56	0.56	0.56	1.69	5.62	12.92
1600	-	0.56	0.56	0.56	1.12	2.25	5.62	12.36
1630	-	-	1.10	1.10	1.10	2.21	5.52	11.60
1700	-	-	-	-	0.56	1.67	5.56	11.67

1730	-	-	-	-	1.11	2.22	5.00	11.11
1800	-	-	-	-	-	1.70	4.55	13.64
1830	-	-	-	-	0.56	1.67	5.00	15.56
1900	-	-	0.55	0.55	1.10	2.21	7.18	14.92
1930	-	-	0.56	0.56	1.11	3.33	6.67	15.56
2000	-	-	-	-	1.10	2.76	6.63	16.02
2030	-	-	-	-	1.67	3.33	8.33	15.00
2100	-	-	-	0.55	2.21	3.87	9.39	16.02
2130	-	-	-	-	1.67	3.33	9.44	15.00
2200	-	-	-	-	1.67	3.33	10.00	17.22
2230	-	-	-	-	1.12	4.47	9.50	17.32
2300	-	-	-	1.12	1.69	4.49	9.55	14.61
2330	-	-	1.69	1.69	1.69	3.39	9.04	14.69
Mean	0.06	0.25	0.57	0.75	1.79	4.06	9.17	17.66

According to the climatological table of November the mean percentage of visibility values below 8000 meters is 17.66%, correspondingly, the mean percentage of 82.34% 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 November, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	1.08	2.70	3.24	3.24	5.41	5.95	11.89	21.62
0030	0.54	2.17	2.17	3.26	5.43	7.07	10.33	22.83
0100	0.55	2.19	3.28	3.28	4.92	8.20	12.02	21.86
0130	0.55	2.73	3.83	3.83	4.92	8.20	11.48	21.31
0200	1.65	2.75	3.85	4.40	5.49	6.04	9.34	19.78
0230	1.08	1.61	2.69	3.76	4.30	5.38	10.22	19.35
0300	1.65	2.20	4.95	4.95	4.95	8.24	10.44	18.13
0330	1.09	2.17	4.89	4.89	5.43	7.61	10.87	18.48
0400	0.54	1.09	3.26	3.80	4.89	5.98	13.04	20.11
0430	0.54	2.17	3.26	3.80	5.98	10.87	19.02	30.98
0500	1.09	2.72	3.80	3.80	8.15	10.33	19.02	30.43
0530	0.55	2.19	3.83	4.92	8.74	11.48	20.77	30.05
0600	-	1.09	1.64	1.64	6.56	11.48	18.03	30.05
0630	0.56	1.11	1.67	1.67	3.33	11.67	17.22	30.00
0700	1.10	1.65	2.20	2.20	4.95	10.44	17.03	28.02
0730	0.55	1.09	1.09	2.19	4.37	7.65	14.75	27.32
0800	-	-	-	0.55	3.83	6.01	14.75	24.59
0830	-	-	-	-	2.21	4.42	12.71	23.76
0900	-	-	-	-	1.10	4.42	11.05	22.65
0930	-	-	-	0.55	1.09	3.28	9.84	20.22
1000	-	-	-	-	1.10	3.31	9.94	20.44
1030	-	-	-	-	0.55	2.19	9.29	18.58
1100	-	-	-	-	-	2.78	8.33	18.89
1130	-	-	-	-	0.55	2.19	8.20	16.94
1200	-	-	-	-	0.56	3.93	7.87	19.66
1230	-	-	-	-	0.55	3.83	10.93	22.95
1300	-	-	-	-	-	4.37	14.21	25.68
1330	-	-	-	-	-	5.52	12.71	28.73
1400	-	-	-	-	0.55	3.83	10.93	27.87
1430	-	-	-	-	-	2.67	10.16	25.67
1500	-	-	-	-	0.56	3.33	10.00	27.22
1530	0.54	1.08	1.08	1.08	1.62	4.86	9.19	25.41
1600	0.55	1.10	1.65	1.65	2.75	4.40	9.89	22.53
1630	0.55	1.09	1.09	1.09	2.19	4.92	10.38	24.04
1700	0.55	1.09	1.09	1.09	1.64	3.83	10.38	23.50

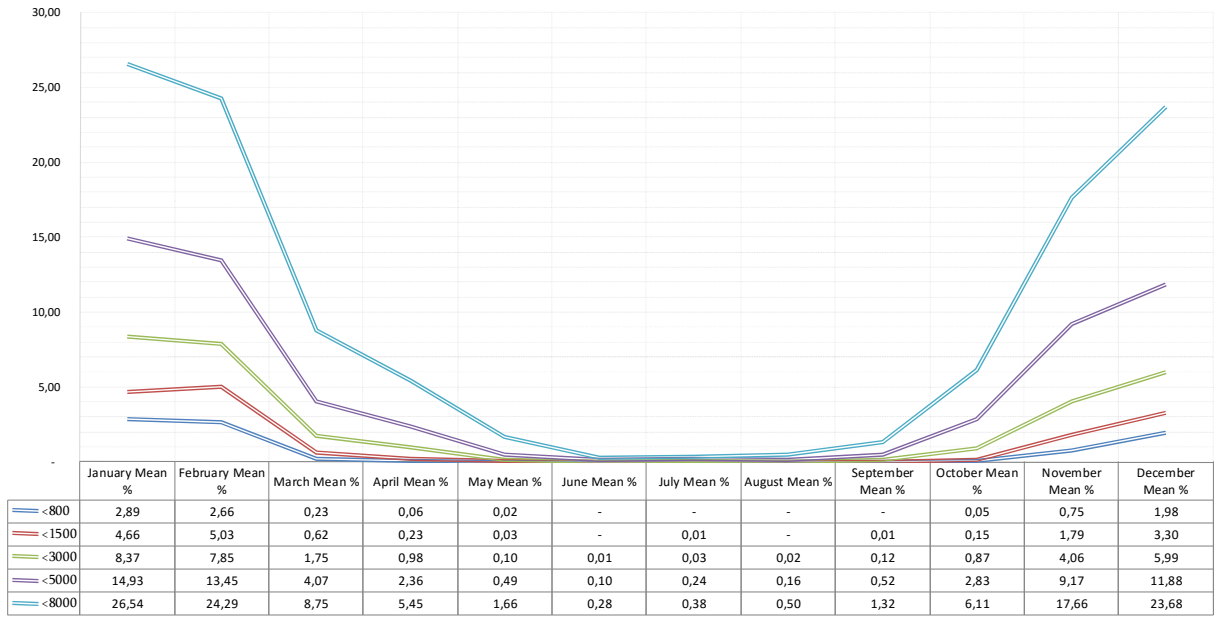
1730	0.55	0.55	1.09	1.09	1.09	3.28	9.29	24.59
1800	0.54	0.54	1.08	1.08	1.08	3.78	6.49	23.24
1830	0.54	0.54	1.09	1.09	1.63	3.26	7.61	21.74
1900	0.54	0.54	0.54	1.09	2.17	3.80	8.70	21.74
1930	1.09	1.09	1.09	2.17	2.72	5.98	9.78	21.20
2000	2.17	2.72	2.72	2.72	4.89	7.61	11.96	25.00
2030	2.17	2.17	3.26	3.26	4.89	7.07	11.96	23.37
2100	2.21	2.76	3.87	4.42	6.63	9.94	13.81	23.20
2130	1.63	2.17	3.80	3.80	4.89	7.61	14.13	25.54
2200	1.63	3.26	3.80	3.80	4.89	7.07	12.50	25.54
2230	0.55	2.75	3.30	3.30	5.49	6.04	10.99	23.63
2300	1.09	3.26	3.26	3.26	5.98	8.15	13.59	22.83
2330	1.64	1.64	1.64	2.46	3.28	3.28	13.11	25.41
Mean	0.66	1.25	1.77	1.98	3.30	5.99	11.88	23.68

According to the climatological table of December the mean percentage of visibility values below 8000 meters is 23.68%, correspondingly, the mean percentage of 76.32% 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 0.66% (See climatological table of December, Model B).

## AVERAGE MONTHLY VISIBILITY DATA

### AVERAGE MONTHLY VISIBILITY DATA (PERCENTAGE) (UGTB 2010-2015)









## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

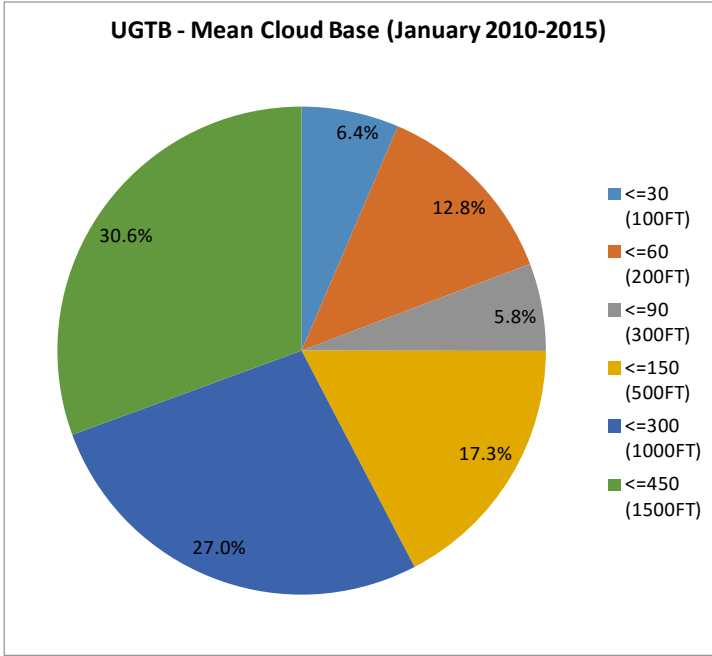
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	1.60	3.21	3.21	6.95	12.83	18.18
0030	1.61	3.23	4.84	9.14	14.52	20.43
0100	1.08	3.76	5.38	10.75	14.52	19.35
0130	1.60	4.81	5.35	9.63	13.90	19.25
0200	2.15	4.84	5.38	9.14	14.52	18.28
0230	1.10	3.30	4.95	10.44	15.93	20.33
0300	2.19	6.01	7.10	10.93	14.75	20.22
0330	2.16	5.41	6.49	9.73	15.14	19.46
0400	3.24	4.32	5.41	7.03	11.89	17.84
0430	3.83	5.46	6.01	7.65	13.11	20.22
0500	3.23	4.30	5.91	9.14	13.44	20.43
0530	1.61	5.38	5.91	10.75	15.05	19.35
0600	2.16	4.86	5.95	10.27	14.05	17.84
0630	1.08	4.86	7.03	9.73	12.97	18.92
0700	0.54	5.95	7.03	11.35	16.22	21.62
0730	-	4.92	6.01	10.38	14.75	19.13
0800	-	3.24	4.86	7.57	13.51	17.30
0830	-	2.16	3.78	7.57	14.59	18.92
0900	-	1.63	2.72	6.52	12.50	17.93
0930	-	0.54	0.54	4.89	11.41	16.30
1000	-	1.62	2.16	5.95	11.35	15.68
1030	0.54	0.54	0.54	3.78	9.73	14.05
1100	0.54	0.54	0.54	1.61	11.29	15.59
1130	0.54	1.08	1.08	3.23	9.14	17.20
1200	-	-	0.54	2.16	7.03	11.35
1230	-	0.55	1.09	2.19	5.46	9.84
1300	0.55	1.09	3.28	3.83	7.10	13.11
1330	-	1.09	1.64	2.73	4.92	9.29
1400	-	1.08	1.08	3.78	5.95	10.81
1430	-	1.09	1.09	2.72	5.43	9.78
1500	-	-	1.08	2.70	5.41	9.73
1530	-	0.54	1.08	2.70	5.41	9.73
1600	0.54	1.08	2.16	2.70	4.32	8.11
1630	-	1.61	2.69	4.30	5.91	9.68
1700	1.08	2.15	2.69	5.38	8.06	12.37
1730	1.08	3.78	3.78	6.49	9.73	14.05
1800	1.08	2.16	2.70	5.41	8.65	14.05
1830	0.54	3.23	4.30	6.45	10.22	15.05
1900	0.54	2.17	3.26	5.43	9.78	12.50
1930	1.64	2.19	3.28	4.92	8.74	10.93
2000	1.09	3.26	3.80	5.43	7.61	10.33
2030	2.20	4.95	6.59	8.24	9.89	14.29
2100	1.09	4.89	6.52	7.61	9.24	13.59
2130	1.08	5.38	6.99	7.53	10.75	15.05
2200	1.63	4.35	5.43	7.07	11.96	16.30
2230	1.09	4.37	6.01	8.20	11.48	18.03
2300	1.09	3.26	4.35	7.07	11.96	17.39
2330	1.64	3.83	3.83	7.65	12.57	18.03
Mean	1.02	3.00	3.90	6.60	10.81	15.57



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 – 30.6%
2. >500FT and <= 1000FT – 27.0%
3. >300FT and <= 500FT – 17.3%
4. >200FT and <= 300FT – 5.8%
5. >100FT and <= 200FT – 12.8%
6. <=100FT – 6.4%

In January, the mean percentage of cloud ceiling recorded above 1500 feet is 84.43% of the total amount of occurrences (See climatological table of January, Model C).

Six-year observation data on clouds revealed average occurrence probability of 1.02 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

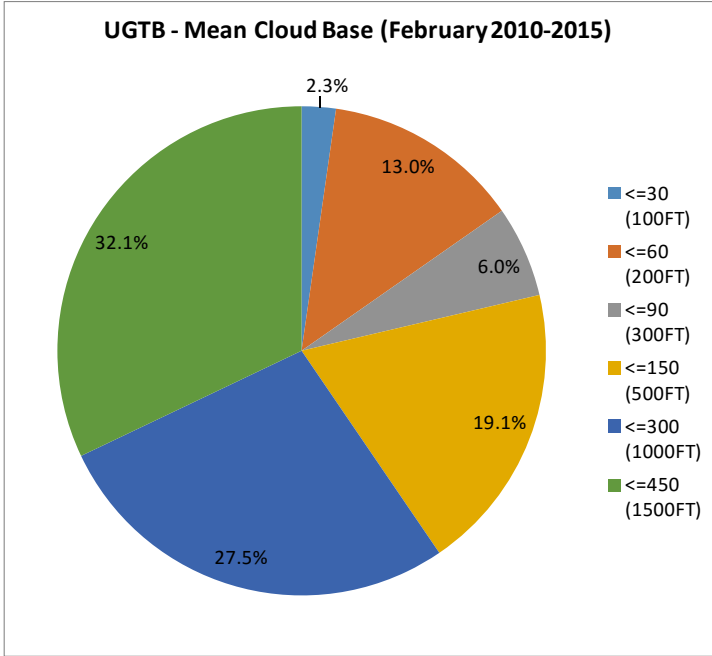
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	4.76	7.74	11.90	18.45	26.19
0030	-	4.73	7.10	13.02	20.12	26.63
0100	0.60	5.42	6.02	12.65	16.87	25.90
0130	1.20	6.02	6.63	10.24	22.29	27.71
0200	-	5.99	7.19	13.17	22.75	26.35
0230	-	6.55	7.74	13.69	21.43	27.38
0300	-	5.92	7.10	13.61	21.30	25.44
0330	-	5.42	6.02	14.46	21.08	25.30
0400	0.60	4.82	7.23	12.05	22.29	25.90
0430	0.60	6.63	7.83	14.46	20.48	30.72
0500	-	6.06	9.09	15.76	22.42	29.70
0530	-	3.07	6.13	12.88	19.02	25.77
0600	-	3.66	5.49	9.76	18.90	30.49
0630	-	1.81	3.01	9.04	16.87	28.31
0700	-	2.44	3.66	8.54	15.85	25.00
0730	-	2.42	3.64	8.48	14.55	24.24
0800	-	1.79	2.38	5.36	12.50	23.81
0830	0.60	1.19	2.98	4.76	12.50	25.00
0900	-	0.60	0.60	3.61	12.05	22.89
0930	-	0.60	1.79	4.17	9.52	18.45
1000	0.60	0.60	1.80	5.39	10.78	19.16
1030	-	1.22	1.22	3.05	10.37	20.12
1100	-	0.60	1.79	3.57	8.93	14.29
1130	-	1.79	1.79	3.57	7.14	11.31
1200	-	0.60	1.20	5.39	11.38	15.57
1230	0.60	1.19	2.38	4.17	7.74	12.50
1300	0.60	1.80	2.99	3.59	8.98	14.37
1330	-	1.80	1.80	2.99	5.99	14.97
1400	-	0.60	3.01	3.61	9.04	16.27
1430	-	1.81	3.61	4.82	7.23	11.45
1500	-	0.61	1.21	3.03	5.45	9.09
1530	-	0.60	0.60	3.59	5.39	10.18
1600	-	0.61	1.22	3.66	6.71	9.76
1630	-	1.23	1.23	4.32	8.02	10.49
1700	0.61	1.22	1.83	6.71	11.59	15.85
1730	0.61	1.82	2.42	7.88	9.09	16.36
1800	1.83	3.05	3.66	7.93	10.98	17.68
1830	1.20	3.61	4.82	7.83	13.86	20.48
1900	1.22	3.05	4.88	7.93	12.80	18.29
1930	1.23	3.68	4.91	7.98	13.50	19.02
2000	1.21	5.45	6.06	9.70	14.55	20.00
2030	1.22	3.66	4.27	9.15	13.41	17.68
2100	1.86	5.59	6.21	10.56	14.29	18.63
2130	0.62	4.35	6.21	9.94	11.18	15.53
2200	1.84	6.13	7.98	11.04	14.11	19.02
2230	1.25	3.75	6.25	11.88	16.25	22.50
2300	1.24	4.35	6.83	10.56	17.39	22.98
2330	0.64	4.49	6.41	8.97	14.74	19.87
Mean	0.46	3.11	4.33	8.22	13.79	20.30



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 – 32.1%
2. >500FT and <= 1000FT – 27.5%
3. >300FT and <= 500FT – 19.1%
4. >200FT and <= 300FT – 6.0%
5. >100FT and <= 200FT – 13.0%
6. <=100FT – 2.3%

In February, the mean percentage of cloud ceiling recorded above 1500 feet is 79.7% of the total amount of occurrences (See climatological table of February, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.46 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

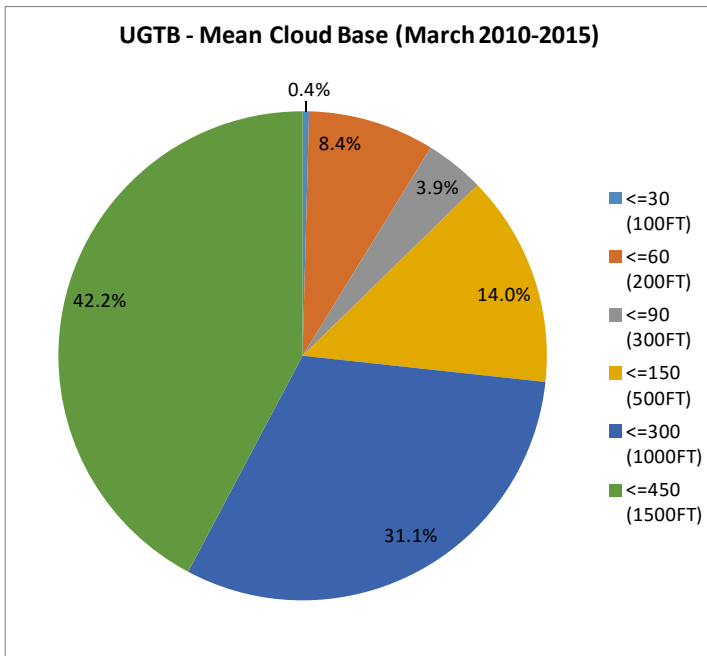
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	1.08	1.08	1.08	3.78	8.65
0030	-	1.08	1.62	1.62	4.32	7.03
0100	-	1.08	1.08	1.62	3.78	7.03
0130	-	0.54	1.09	1.63	2.72	7.61
0200	-	1.60	1.60	2.67	4.81	8.02
0230	-	1.62	2.16	2.16	4.32	9.73
0300	0.54	2.70	2.70	4.32	5.95	11.89
0330	-	2.15	2.15	4.30	8.06	15.05
0400	-	2.16	2.16	4.32	10.81	15.68
0430	-	2.75	3.85	4.40	7.14	12.09
0500	-	2.67	3.21	4.81	8.02	14.44
0530	0.55	2.73	2.73	3.83	10.38	15.85
0600	0.54	2.17	2.72	5.43	8.15	14.13
0630	-	1.64	2.19	6.01	9.29	13.11
0700	-	1.09	1.09	4.35	10.33	12.50
0730	-	-	0.55	3.30	6.59	10.99
0800	-	-	1.09	2.19	3.83	7.10
0830	-	0.55	0.55	3.28	9.84	13.66
0900	-	-	0.54	2.15	6.45	9.68
0930	-	-	1.10	2.20	4.40	8.79
1000	-	-	0.54	2.17	4.35	7.61
1030	-	0.55	0.55	2.21	4.42	6.08
1100	-	0.56	1.11	2.78	5.00	8.33
1130	-	0.54	0.54	1.63	3.26	7.07
1200	-	-	0.54	1.63	2.72	6.52
1230	-	-	0.55	1.65	3.85	6.59
1300	-	0.54	0.54	1.09	1.63	4.35
1330	-	-	0.55	1.10	1.65	4.40
1400	-	-	0.55	1.10	3.30	5.49
1430	-	-	-	0.55	2.21	4.97
1500	-	-	-	-	2.19	4.37
1530	-	-	-	-	3.26	4.35
1600	-	-	-	-	3.26	5.43
1630	-	0.55	1.09	1.09	3.28	6.56
1700	-	-	0.55	1.65	3.30	4.95
1730	-	-	0.54	1.62	2.70	4.32
1800	-	-	-	0.54	1.63	3.80
1830	-	0.54	0.54	1.09	3.26	3.80
1900	-	0.55	0.55	1.09	2.73	4.92
1930	-	-	-	1.09	3.28	5.46
2000	-	-	-	1.64	3.28	4.92
2030	-	-	0.55	0.55	2.73	6.56
2100	-	-	-	1.10	3.31	7.18
2130	-	-	-	2.17	3.80	6.52
2200	-	1.08	2.16	2.70	5.95	9.73
2230	-	0.54	1.08	2.16	4.86	9.19
2300	-	0.55	1.09	1.64	3.83	6.01
2330	-	0.55	0.55	2.20	2.75	6.59
Mean	0.03	0.71	1.03	2.17	4.68	8.11



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 – 42.2%
2. >500FT and <= 1000FT – 31.1%
3. >300FT and <= 500FT – 14.0%
4. >200FT and <= 300FT – 3.9%
5. >100FT and <= 200FT – 8.4%
6. <=100FT – 0.4%

In March, the mean percentage of cloud ceiling recorded above 1500 feet is 91.89% of the total amount of occurrences (See climatological table of March, Model C).

Six-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 March, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

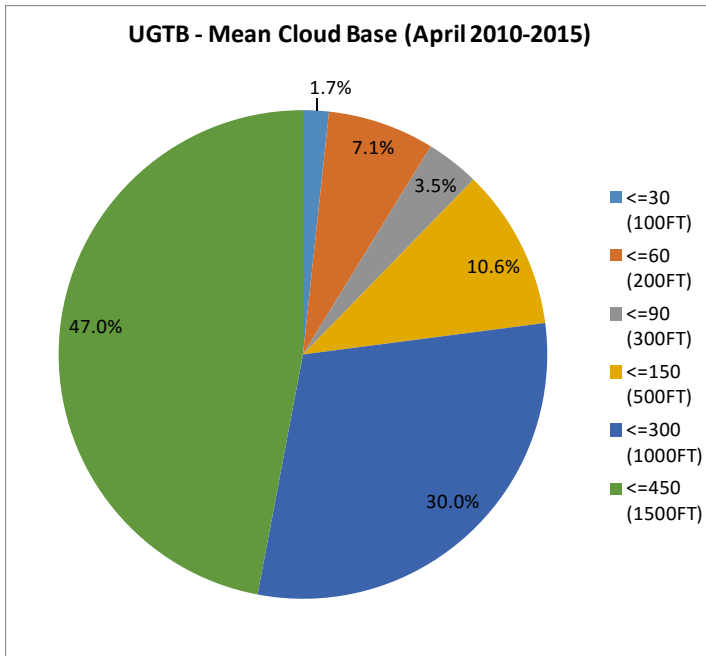
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	1.13	1.13	2.26	3.39	7.91
0030	-	0.56	0.56	1.69	2.25	7.30
0100	-	-	0.56	1.12	3.37	7.87
0130	-	-	1.68	2.23	4.47	7.26
0200	-	0.56	1.11	1.67	5.56	8.33
0230	0.57	0.57	0.57	1.71	5.71	8.00
0300	0.56	0.56	0.56	1.13	5.65	8.47
0330	0.56	1.69	1.69	3.39	7.34	9.04
0400	-	0.56	1.12	2.25	3.93	6.74
0430	-	1.11	1.67	1.67	4.44	9.44
0500	-	1.67	2.22	2.22	5.56	10.56
0530	-	1.13	1.13	2.82	5.08	8.47
0600	-	1.68	2.23	3.35	5.59	9.50
0630	-	1.13	1.13	3.95	6.21	9.60
0700	-	-	0.56	1.11	3.33	8.33
0730	-	-	-	0.57	2.86	5.71
0800	-	-	1.13	1.13	5.08	7.91
0830	-	-	0.56	1.12	3.37	7.30
0900	-	-	0.56	1.12	3.93	6.74
0930	-	-	0.56	0.56	1.69	2.81
1000	-	-	-	1.69	2.81	4.49
1030	-	-	0.56	1.69	2.81	4.49
1100	-	-	-	0.55	0.55	2.21
1130	-	-	-	0.56	2.22	2.78
1200	-	-	-	0.56	1.69	2.82
1230	-	-	-	-	1.69	3.37
1300	-	-	-	-	0.56	2.23
1330	-	-	-	-	0.56	1.69
1400	-	-	-	0.56	2.22	2.22
1430	-	0.56	0.56	0.56	1.67	2.22
1500	-	0.56	0.56	1.12	1.12	2.23
1530	-	0.56	1.12	1.12	1.68	2.23
1600	0.56	1.11	1.11	1.67	2.22	3.89
1630	0.55	0.55	0.55	1.10	2.21	3.87
1700	-	-	-	-	1.67	2.78
1730	-	0.56	0.56	1.11	1.11	2.78
1800	0.56	0.56	0.56	1.67	2.22	3.89
1830	0.56	0.56	0.56	1.11	2.78	3.89
1900	0.55	0.55	0.55	1.10	2.20	3.30
1930	-	-	-	0.55	2.21	5.52
2000	-	0.56	0.56	1.12	2.79	5.59
2030	-	-	-	0.56	1.67	5.00
2100	-	0.56	0.56	0.56	1.67	6.11
2130	-	1.12	1.12	1.12	1.69	6.74
2200	-	1.12	1.12	1.68	3.35	7.82
2230	-	1.10	1.10	1.65	1.65	7.14
2300	-	1.11	1.11	1.11	2.22	5.56
2330	-	-	-	-	2.27	4.55
Mean	0.09	0.49	0.69	1.28	2.97	5.60



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 – 47.0%
2. >500FT and <= 1000FT – 30.0%
3. >300FT and <= 500FT – 10.6%
4. >200FT and <= 300FT – 3.5%
5. >100FT and <= 200FT – 7.1%
6. <=100FT – 1.7%

In April, the mean percentage of cloud ceiling recorded above 1500 feet is 94.4% of the total amount of occurrences (See climatological table of April, Model C).

Six-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 April, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

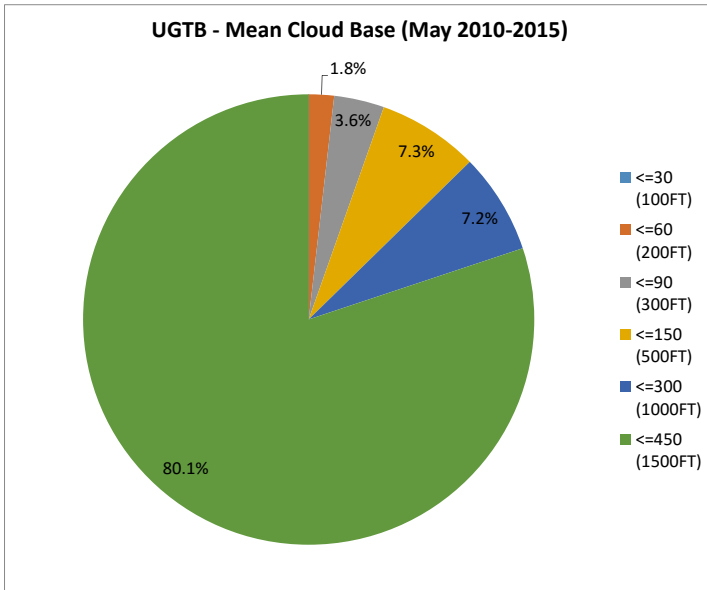
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.54
0100	-	-	0.54	0.54	1.09	1.63
0130	-	-	0.54	0.54	1.62	2.16
0200	-	-	-	0.53	0.53	1.07
0230	-	-	-	-	-	0.53
0300	-	-	-	-	-	0.54
0330	-	-	-	-	-	0.54
0400	-	-	-	-	-	1.08
0430	-	-	-	-	-	0.54
0500	-	-	-	-	-	0.54
0530	-	-	-	0.54	0.54	2.17
0600	-	-	-	-	-	1.09
0630	-	-	-	-	-	0.54
0700	-	-	-	-	-	-
0730	-	-	-	-	-	-
0800	-	-	-	-	-	-
0830	-	-	-	-	-	1.10
0900	-	-	-	-	-	1.66
0930	-	-	-	-	-	1.66
1000	-	-	-	-	-	1.13
1030	-	-	-	-	-	1.68
1100	-	-	-	-	-	0.56
1130	-	-	-	-	0.55	1.10
1200	-	-	-	-	-	0.56
1230	-	-	-	-	-	0.56
1300	-	-	-	-	-	0.56
1330	-	-	-	-	-	0.56
1400	-	-	-	-	-	1.12
1430	-	-	-	-	-	0.55
1500	-	-	-	-	-	0.55
1530	-	-	-	-	-	-
1600	-	-	-	-	-	0.55
1630	-	-	-	0.55	0.55	1.09
1700	-	-	-	0.56	0.56	0.56
1730	-	-	-	-	-	-
1800	-	0.55	0.55	0.55	0.55	0.55
1830	-	-	-	-	-	-
1900	-	-	-	-	-	-
1930	-	-	-	-	-	-
2000	-	-	-	-	-	-
2030	-	-	-	-	-	-
2100	-	-	-	-	-	-
2130	-	-	-	-	-	0.54
2200	-	-	-	-	-	0.54
2230	-	-	-	-	-	-
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	0.01	0.03	0.08	0.12	0.63



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 – 80.1%
2. >500FT and <= 1000FT – 7.2%
3. >300FT and <= 500FT – 7.3%
4. >200FT and <= 300FT – 3.6%
5. >100FT and <= 200FT – 1.8%
6. <=100FT – not observed

In May, the mean percentage of cloud ceiling recorded above 1500 feet is 99.37% of the total amount of occurrences (See climatological table of May, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

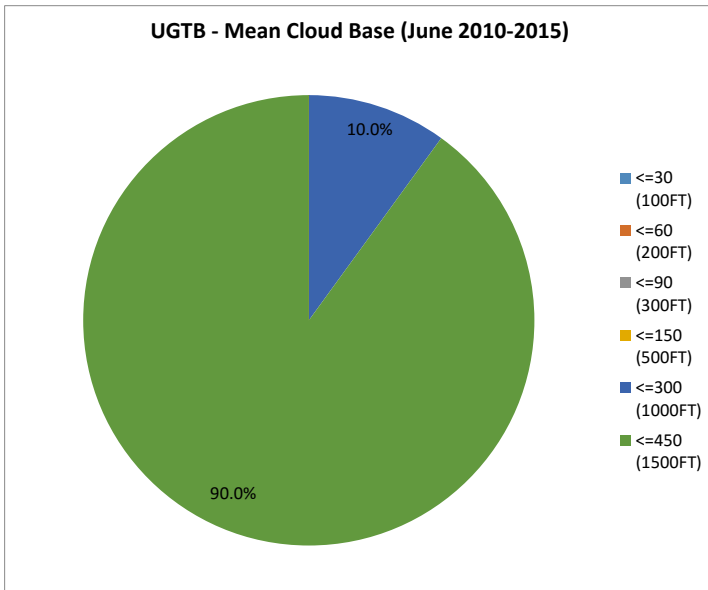
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.55
0300	-	-	-	-	-	-
0330	-	-	-	-	-	-
0400	-	-	-	-	-	-
0430	-	-	-	-	-	0.55
0500	-	-	-	-	-	0.55
0530	-	-	-	-	-	0.55
0600	-	-	-	-	-	-
0630	-	-	-	-	-	-
0700	-	-	-	-	-	-
0730	-	-	-	-	-	-
0800	-	-	-	-	-	-
0830	-	-	-	-	-	-
0900	-	-	-	-	-	-
0930	-	-	-	-	-	-
1000	-	-	-	-	-	-
1030	-	-	-	-	-	-
1100	-	-	-	-	-	0.54
1130	-	-	-	-	0.55	0.55
1200	-	-	-	-	-	-
1230	-	-	-	-	-	-
1300	-	-	-	-	-	-
1330	-	-	-	-	-	-
1400	-	-	-	-	-	-
1430	-	-	-	-	-	-
1500	-	-	-	-	-	-
1530	-	-	-	-	-	-
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	-
1830	-	-	-	-	-	-
1900	-	-	-	-	-	-
1930	-	-	-	-	-	-
2000	-	-	-	-	-	-
2030	-	-	-	-	-	0.55
2100	-	-	-	-	-	-
2130	-	-	-	-	-	0.55
2200	-	-	-	-	-	0.56
2230	-	-	-	-	-	0.55
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	-	-	-	0.01	0.11



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 – 90.0%
2. >500FT and <= 1000FT – 10.0%
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 99.89% of the total amount of occurrences (See climatological table of June, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.01 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

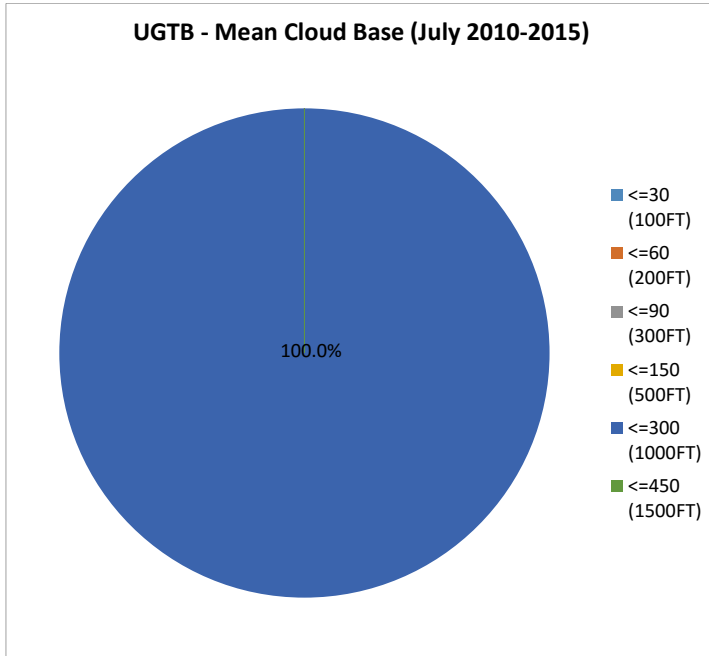
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	0.5	0.5
0900	-	-	-	-	0.5	0.5
0930	-	-	-	-	-	-
1000	-	-	-	-	0.6	0.6
1030	-	-	-	-	0.6	0.6
1100	-	-	-	-	0.6	0.6
1130	-	-	-	-	0.6	0.6
1200	-	-	-	-	0.6	0.6
1230	-	-	-	-	-	-
1300	-	-	-	-	-	-
1330	-	-	-	-	-	-
1400	-	-	-	-	-	-
1430	-	-	-	-	-	-
1500	-	-	-	-	-	-
1530	-	-	-	-	-	-
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	-
1830	-	-	-	-	-	-
1900	-	-	-	-	-	-
1930	-	-	-	-	-	-
2000	-	-	-	-	-	-
2030	-	-	-	-	-	-
2100	-	-	-	-	-	-
2130	-	-	-	-	-	-
2200	-	-	-	-	-	-
2230	-	-	-	-	-	-
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	-	-	-	0.1	0.1



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 – not observed
2. >500FT and <= 1000FT – 100.0%
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 99.9% of the total amount of occurrences (See climatological table of July, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.1 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

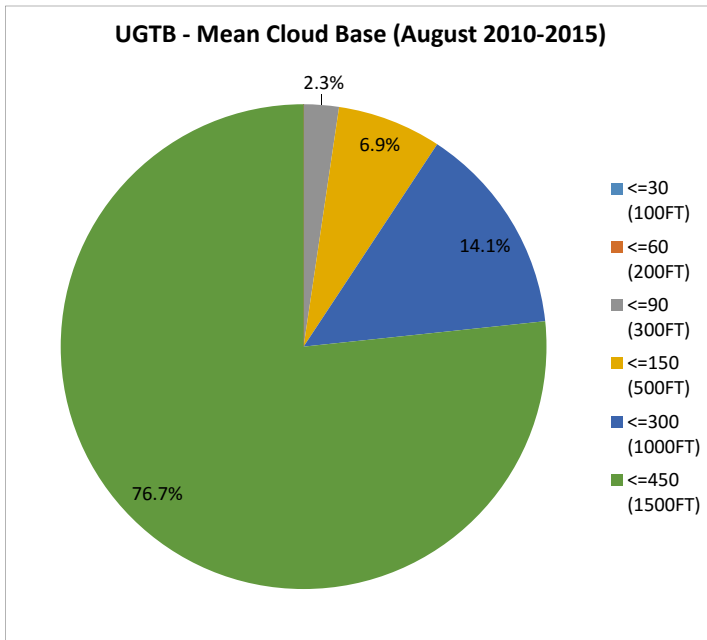
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	0.56	0.56
0030	-	-	-	-	-	-
0100	-	-	-	-	-	0.55
0130	-	-	-	-	-	-
0200	-	-	-	-	-	1.10
0230	-	-	-	-	-	1.09
0300	-	-	-	-	-	0.55
0330	-	-	-	-	-	0.55
0400	-	-	-	-	-	-
0430	-	-	-	-	-	-
0500	-	-	-	-	-	-
0530	-	-	0.55	0.55	0.55	0.55
0600	-	-	-	0.55	0.55	0.55
0630	-	-	-	0.55	0.55	1.09
0700	-	-	-	-	-	-
0730	-	-	-	0.55	0.55	0.55
0800	-	-	-	-	0.55	0.55
0830	-	-	-	-	-	-
0900	-	-	-	-	-	-
0930	-	-	-	-	-	0.56
1000	-	-	-	-	-	0.56
1030	-	-	-	-	-	0.55
1100	-	-	-	-	-	1.09
1130	-	-	-	-	-	0.55
1200	-	-	-	-	-	0.55
1230	-	-	-	-	-	0.56
1300	-	-	-	-	-	0.55
1330	-	-	-	-	-	1.09
1400	-	-	-	-	-	0.55
1430	-	-	-	-	-	-
1500	-	-	-	-	-	-
1530	-	-	-	-	-	0.55
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	0.55
1830	-	-	-	-	-	0.56
1900	-	-	-	-	-	0.55
1930	-	-	-	-	1.12	1.12
2000	-	-	-	-	-	0.55
2030	-	-	-	-	-	0.55
2100	-	-	-	-	-	0.55
2130	-	-	-	-	-	1.10
2200	-	-	-	-	0.54	0.54
2230	-	-	-	-	-	1.10
2300	-	-	-	-	0.56	1.67
2330	-	-	-	-	-	-
Mean	-	-	0.01	0.05	0.12	0.49



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 – 76.7%
2. >500FT and <= 1000FT – 14.1%
3. >300FT and <= 500FT – 6.9%
4. >200FT and <= 300FT – 2.3%
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In August, the mean percentage of cloud ceiling recorded above 1500 feet is 99.51% of the total amount of occurrences (See climatological table of August, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

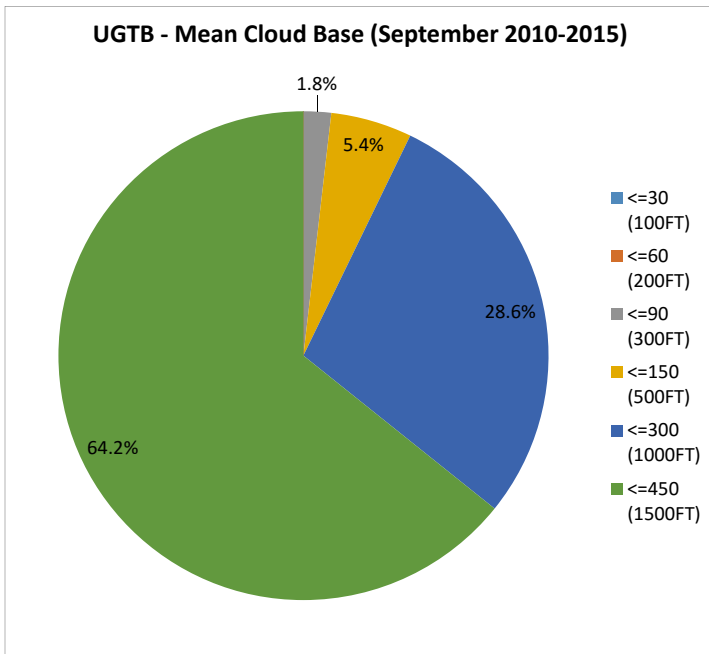
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	0.6	0.6
0130	-	-	-	-	0.6	1.1
0200	-	-	-	-	0.6	1.1
0230	-	-	-	-	0.6	1.1
0300	-	-	-	-	-	0.6
0330	-	-	-	-	-	1.1
0400	-	-	-	-	-	1.1
0430	-	-	-	-	-	0.6
0500	-	-	-	-	-	0.6
0530	-	-	0.6	0.6	0.6	1.1
0600	-	-	-	0.6	1.1	1.7
0630	-	-	-	0.6	1.1	1.1
0700	-	-	-	-	0.6	0.6
0730	-	-	-	0.6	1.1	1.7
0800	-	-	-	-	1.1	1.1
0830	-	-	-	-	-	-
0900	-	-	-	-	-	-
0930	-	-	-	-	-	0.6
1000	-	-	-	-	-	0.6
1030	-	-	-	-	-	0.6
1100	-	-	-	-	-	0.6
1130	-	-	-	-	-	0.6
1200	-	-	-	-	-	0.6
1230	-	-	-	-	-	0.6
1300	-	-	-	-	-	1.2
1330	-	-	-	-	0.6	1.7
1400	-	-	-	-	-	-
1430	-	-	-	-	0.6	1.1
1500	-	-	-	-	-	0.6
1530	-	-	-	-	-	0.6
1600	-	-	-	-	-	-
1630	-	-	-	-	-	-
1700	-	-	-	-	-	-
1730	-	-	-	-	-	-
1800	-	-	-	-	-	0.6
1830	-	-	-	-	-	1.1
1900	-	-	-	-	-	0.6
1930	-	-	-	-	1.7	2.3
2000	-	-	-	-	-	0.6
2030	-	-	-	-	-	0.6
2100	-	-	-	-	-	0.6
2130	-	-	-	-	-	0.6
2200	-	-	-	-	0.6	0.6
2230	-	-	-	-	-	-
2300	-	-	-	-	-	-
2330	-	-	-	-	-	-
Mean	-	-	0.01	0.05	0.23	0.66



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 – 64.2%
2. >500FT and <= 1000FT – 28.6%
3. >300FT and <= 500FT – 5.4%
4. >200FT and <= 300FT – 1.8%
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In September, the mean percentage of cloud ceiling recorded above 1500 feet is 99.34% of the total amount of occurrences (See climatological table of September, Model C).

Six-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 September, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

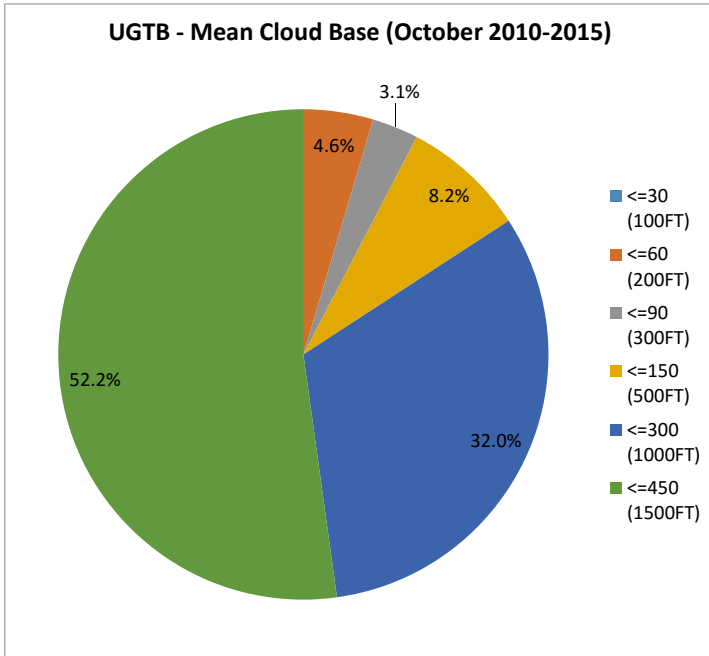
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	0.6	2.2	5.6	6.2
0030	-	-	0.5	2.2	4.4	8.7
0100	-	1.1	1.6	1.6	7.1	10.3
0130	-	0.5	1.6	2.7	6.6	9.9
0200	-	1.6	1.6	2.7	5.4	9.2
0230	-	0.5	1.6	2.7	5.5	11.0
0300	-	1.1	2.7	3.8	6.0	12.5
0330	-	1.1	1.1	2.8	5.0	10.6
0400	-	1.7	1.7	3.9	6.1	9.4
0430	-	1.1	2.2	2.2	5.5	11.0
0500	-	1.6	2.2	2.7	6.0	12.6
0530	-	1.1	1.1	4.4	7.7	16.0
0600	-	0.6	0.6	2.2	7.2	12.7
0630	-	1.1	1.1	2.8	5.5	11.6
0700	-	-	0.6	2.2	7.8	11.7
0730	-	-	-	1.7	8.3	12.2
0800	-	-	-	0.6	5.6	10.0
0830	-	0.6	0.6	0.6	3.4	10.7
0900	-	-	0.6	0.6	2.8	7.2
0930	-	-	-	-	2.8	7.2
1000	-	-	-	-	2.8	6.2
1030	-	-	0.6	0.6	2.8	6.1
1100	-	-	-	0.6	2.2	6.7
1130	-	-	-	-	1.7	3.3
1200	-	-	-	1.1	2.8	5.6
1230	-	0.6	0.6	1.1	2.8	3.3
1300	-	0.5	1.1	1.6	2.2	4.4
1330	-	-	1.1	1.1	1.7	5.0
1400	-	-	-	-	1.6	4.9
1430	-	-	-	-	2.2	4.9
1500	-	-	-	0.6	0.6	2.2
1530	-	-	-	-	-	1.1
1600	-	-	-	-	0.5	2.2
1630	-	-	-	-	1.1	2.7
1700	-	0.5	0.5	0.5	1.1	4.3
1730	-	-	-	-	0.5	3.8
1800	-	-	-	-	1.1	4.3
1830	-	-	-	-	1.1	3.9
1900	-	-	-	0.5	1.6	6.0
1930	-	-	0.5	0.5	2.2	6.5
2000	-	-	-	-	1.1	6.6
2030	-	-	-	-	2.2	6.6
2100	-	-	-	0.6	4.4	8.8
2130	-	0.6	0.6	0.6	5.0	10.1
2200	-	0.6	0.6	1.7	3.9	8.3
2230	-	-	-	0.6	2.8	7.7
2300	-	-	-	0.5	2.7	6.6
2330	-	-	-	-	2.8	6.1
Mean	-	0.34	0.57	1.18	3.58	7.48



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 – 52.2%
2. >500FT and <= 1000FT – 32.0%
3. >300FT and <= 500FT – 8.2%
4. >200FT and <= 300FT – 3.1%
5. >100FT and <= 200FT – 4.6%
6. <=100FT – not observed

In October, the mean percentage of cloud ceiling recorded above 1500 feet is 92.52% of the total amount of occurrences (See climatological table of October, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.34 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

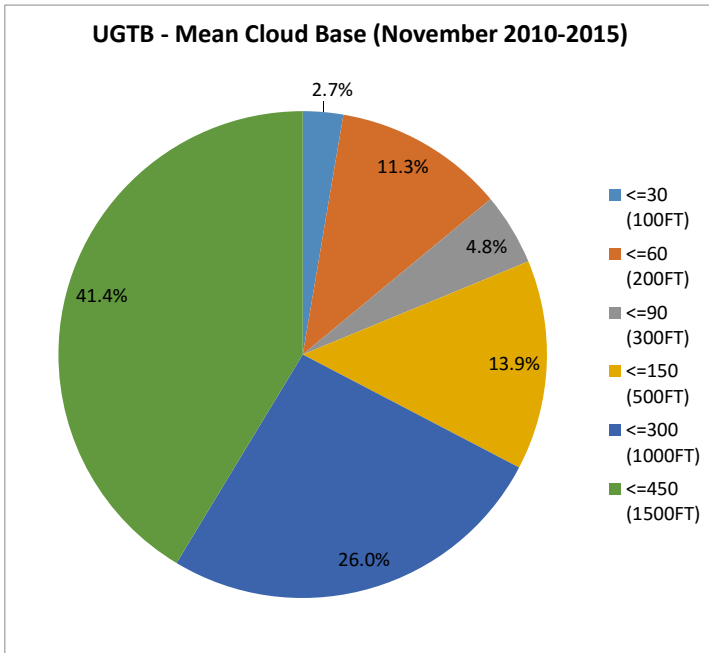
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	1.12	1.68	2.23	2.79	6.70	13.97
0030	0.56	1.12	1.68	3.91	6.70	15.08
0100	0.55	1.66	2.76	3.87	9.39	19.34
0130	0.56	1.67	1.67	3.33	6.67	17.78
0200	1.12	2.23	2.23	3.91	6.15	15.64
0230	0.56	1.68	1.68	3.91	7.26	15.08
0300	0.56	0.56	1.12	2.23	6.70	12.29
0330	-	2.76	3.31	5.52	11.60	17.68
0400	1.12	2.79	3.35	6.70	12.85	19.55
0430	1.10	3.85	4.40	7.14	10.99	16.48
0500	-	3.31	3.87	7.18	11.05	13.81
0530	0.56	3.89	4.44	7.22	13.33	16.67
0600	-	3.35	5.59	6.70	12.29	15.64
0630	1.10	3.87	6.08	8.29	14.36	18.23
0700	-	2.75	6.04	8.24	14.29	21.43
0730	-	2.22	3.89	8.33	12.78	20.00
0800	-	1.12	1.68	5.59	12.85	19.55
0830	-	1.11	1.67	2.78	6.11	16.11
0900	-	1.65	1.65	3.85	6.59	13.74
0930	-	1.68	1.68	4.47	7.82	15.08
1000	-	0.55	1.10	3.85	6.04	12.09
1030	-	0.82	0.82	1.64	6.56	11.48
1100	-	1.10	1.66	2.21	7.18	12.71
1130	-	1.10	1.10	2.21	4.97	9.94
1200	-	1.64	1.64	2.73	5.46	10.93
1230	0.56	1.13	1.13	3.39	5.65	11.86
1300	0.54	1.63	1.63	3.80	6.52	10.33
1330	0.55	0.55	0.55	1.10	5.49	8.24
1400	-	1.10	1.10	1.10	2.21	7.18
1430	-	0.55	0.55	0.55	1.65	7.14
1500	-	0.55	1.10	1.65	3.85	8.79
1530	-	1.10	1.10	2.21	3.87	8.84
1600	0.55	1.66	1.66	3.31	4.42	9.94
1630	0.54	1.09	1.09	2.17	5.98	11.41
1700	-	0.55	0.55	1.09	4.37	8.20
1730	-	1.09	1.64	1.64	5.46	9.84
1800	-	-	1.68	3.35	5.59	7.82
1830	-	0.55	2.19	3.28	6.01	10.93
1900	-	1.63	2.72	3.80	5.98	11.41
1930	-	1.09	2.73	6.01	8.74	9.84
2000	-	1.63	3.26	6.52	8.70	12.50
2030	1.64	3.83	4.92	7.65	10.38	12.02
2100	1.63	4.35	4.89	5.98	8.15	10.33
2130	0.55	3.83	4.37	6.56	9.29	13.11
2200	0.55	2.73	3.28	6.56	8.74	12.57
2230	-	2.75	3.85	7.69	10.44	15.38
2300	1.10	3.31	3.31	4.97	7.73	14.36
2330	0.56	2.79	3.35	5.59	7.82	14.53
Mean	0.37	1.87	2.50	4.35	7.79	13.27



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 – 41.4%
2. >500FT and <= 1000FT – 26.0%
3. >300FT and <= 500FT – 13.9%
4. >200FT and <= 300FT – 4.8%
5. >100FT and <= 200FT – 11.3%
6. <=100FT – 2.7%

In November, the mean percentage of cloud ceiling recorded above 1500 feet is 86.73% of the total amount of occurrences (See climatological table of November, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.37 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

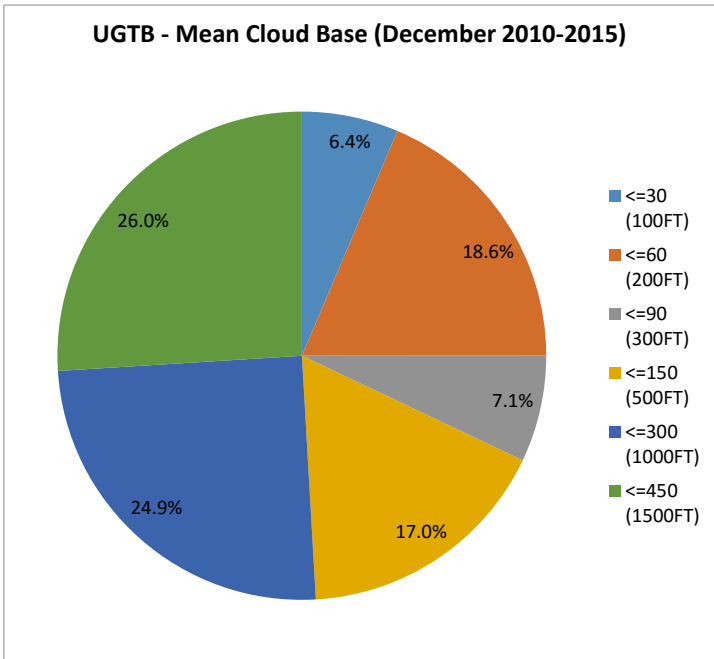
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	2.70	4.86	5.41	7.57	9.73	11.89
0030	2.17	5.43	5.43	8.15	10.33	12.50
0100	1.64	4.92	4.92	7.65	11.48	13.11
0130	1.09	4.37	4.92	7.65	10.93	13.11
0200	1.10	4.40	4.40	7.69	11.54	13.74
0230	1.08	4.84	6.45	7.53	10.75	12.37
0300	0.55	3.30	3.85	6.59	9.34	10.44
0330	1.09	4.89	5.43	7.07	8.15	11.41
0400	1.09	4.35	4.35	7.61	9.78	12.50
0430	0.54	4.35	4.89	8.70	9.78	13.04
0500	1.09	5.43	5.43	7.61	9.78	14.13
0530	0.55	4.37	6.56	8.74	9.84	13.11
0600	0.55	3.83	4.92	8.20	9.84	13.11
0630	-	2.78	6.11	7.22	9.44	12.22
0700	0.55	2.20	4.95	6.59	8.24	10.44
0730	-	2.19	3.28	6.01	8.20	9.29
0800	-	1.64	2.19	5.46	6.56	8.74
0830	-	1.11	1.11	2.78	6.67	10.00
0900	-	0.56	1.11	1.11	5.00	7.22
0930	-	-	1.10	1.65	4.40	8.79
1000	-	-	1.63	1.63	5.43	8.70
1030	-	-	0.55	1.66	3.31	5.52
1100	-	-	-	1.11	2.22	6.67
1130	-	-	0.56	1.11	3.89	8.89
1200	-	-	0.55	1.09	3.28	5.46
1230	-	-	0.56	0.56	2.78	5.00
1300	-	-	0.54	1.09	1.63	3.80
1330	-	-	0.55	1.10	1.66	3.31
1400	-	-	0.54	1.09	1.09	3.26
1430	-	-	0.54	0.54	0.54	3.26
1500	-	-	1.09	1.64	2.19	2.73
1530	-	1.09	1.63	1.63	2.72	3.80
1600	1.10	1.65	2.20	2.75	3.85	5.49
1630	0.55	1.09	1.09	2.73	4.37	5.46
1700	0.55	1.64	1.64	1.64	3.28	6.01
1730	-	0.55	0.55	1.65	4.40	6.59
1800	-	1.08	1.08	1.62	3.78	5.95
1830	-	0.54	1.08	1.08	4.32	5.41
1900	-	1.09	1.09	1.63	3.26	3.80
1930	-	0.54	1.63	1.63	3.26	4.89
2000	0.54	1.08	1.62	1.62	3.78	4.86
2030	0.54	1.63	2.17	3.80	6.52	8.15
2100	1.66	2.76	3.31	6.08	8.29	9.94
2130	1.09	3.80	3.80	4.89	7.61	9.24
2200	1.09	3.80	3.80	4.89	8.70	9.78
2230	1.64	4.37	4.37	7.65	9.84	12.02
2300	2.19	3.83	4.37	7.10	9.29	10.93
2330	1.63	4.35	4.35	7.07	10.87	12.50
Mean	0.59	2.18	2.79	4.24	6.37	8.60



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 – 26.0%
2. >500FT and <= 1000FT – 24.9%
3. >300FT and <= 500FT – 17.0%
4. >200FT and <= 300FT – 7.1%
5. >100FT and <= 200FT – 18.6%
6. <=100FT – 6.4%

In December, the mean percentage of cloud ceiling recorded above 1500 feet is 91.40% of the total amount of occurrences (See climatological table of December, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.59 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

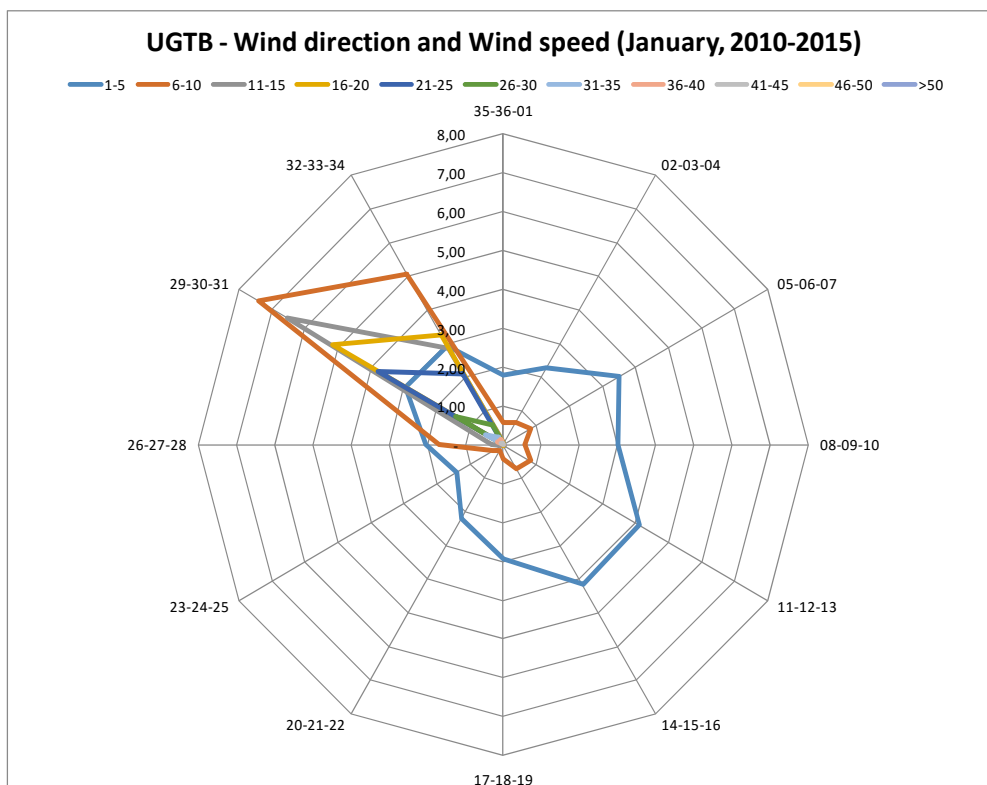
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												13.02
VARIABLE	6.92	0.06	-	-	-	-	-	-	-	-	-	6.98
35-36-01	1.79	0.57	0.08	0.04	-	-	-	-	-	-	-	2.48
02-03-04	2.27	0.66	-	-	-	-	-	-	-	-	-	2.92
05-06-07	3.49	0.83	0.01	-	-	-	-	-	-	-	-	4.33
08-09-10	3.00	0.56	-	-	-	-	-	-	-	-	-	3.56
11-12-13	4.13	0.81	0.02	-	-	-	-	-	-	-	-	4.97
14-15-16	4.16	0.71	-	-	-	-	-	-	-	-	-	4.88
17-18-19	2.92	0.37	0.01	-	-	-	-	-	-	-	-	3.30
20-21-22	2.19	0.19	0.01	0.01	-	-	-	-	-	-	-	2.40
23-24-25	1.42	0.31	0.03	-	-	-	-	-	-	-	-	1.76
26-27-28	2.03	1.70	0.32	0.01	0.01	-	-	-	-	-	-	4.07
29-30-31	2.95	7.40	6.54	5.16	3.80	1.44	0.54	0.17	0.07	-	-	28.05
32-33-34	2.94	5.06	2.88	3.26	2.10	0.58	0.23	0.16	0.04	0.02	-	17.27
TOTAL	40.21	19.22	9.91	8.48	5.91	2.02	0.77	0.32	0.11	0.02	-	100



**CALM**  
13.02%

**VARIABLE**  
6.98%

The prevailing wind directions of 290°-340° frequency of occurrence is 45.32%.

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 59.43%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

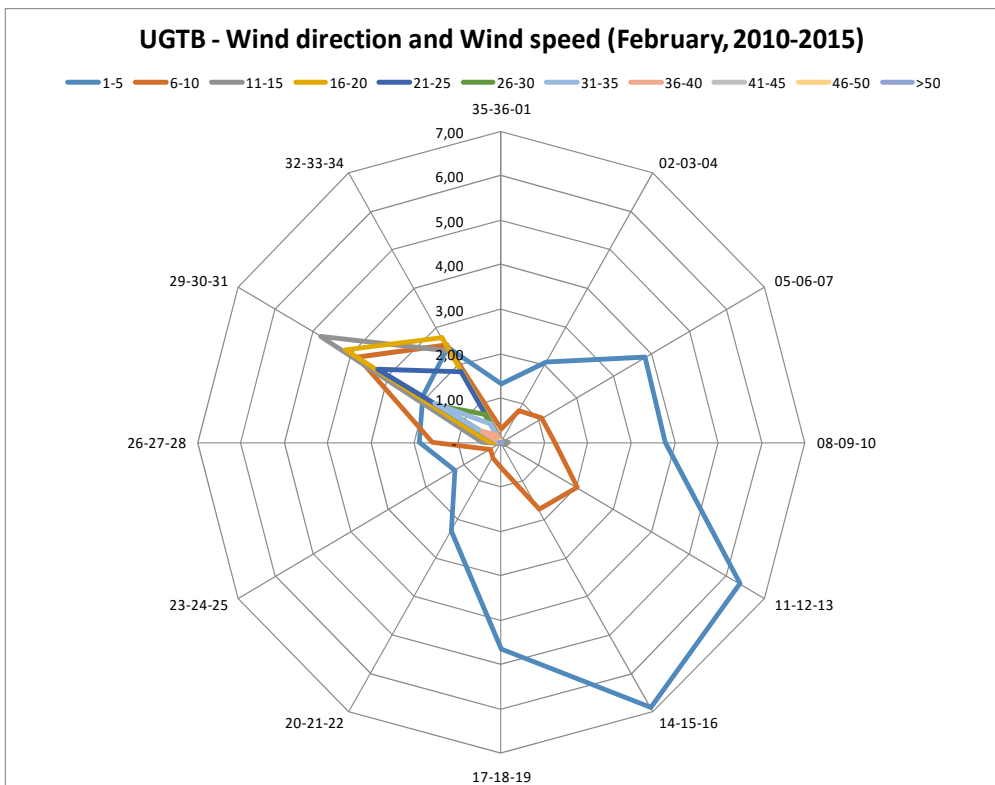
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												12.40
VARIABLE	6.29	0.04	-	-	-	-	-	-	-	-	-	6.32
35-36-01	1.31	0.29	0.05	0.02	0.01	-	-	-	-	-	-	1.69
02-03-04	2.09	0.83	-	-	-	-	-	-	-	-	-	2.92
05-06-07	3.84	1.08	0.05	-	-	-	-	-	-	-	-	4.97
08-09-10	3.77	1.23	0.16	-	-	-	-	-	-	-	-	5.16
11-12-13	6.35	2.03	0.10	-	-	-	-	-	-	-	-	8.47
14-15-16	6.89	1.74	0.01	-	-	-	-	-	-	-	-	8.64
17-18-19	4.65	0.58	-	-	-	-	-	-	-	-	-	5.23
20-21-22	2.30	0.39	0.01	-	-	-	-	-	-	-	-	2.70
23-24-25	1.24	0.29	0.02	-	-	-	-	-	-	-	-	1.56
26-27-28	1.88	1.60	0.44	0.26	0.06	0.06	0.05	0.05	0.01	0.05	0.06	4.52
29-30-31	2.09	3.82	4.79	4.15	3.28	1.64	1.76	0.49	0.04	0.01	-	22.06
32-33-34	2.46	2.52	2.37	2.73	1.83	0.74	0.47	0.18	0.04	0.02	0.01	13.36
TOTAL	45.14	16.44	8.00	7.16	5.18	2.44	2.27	0.72	0.09	0.09	0.07	100



**CALM**  
12.40%

**VARIABLE**  
6.32%

The prevailing wind directions of 290°-340° frequency of occurrence is 35.42%.

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 61.58%).

The maximum wind of >50 knots is observed within the 260°-280° and 320°-340° sectors (frequency of occurrence 0.07%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

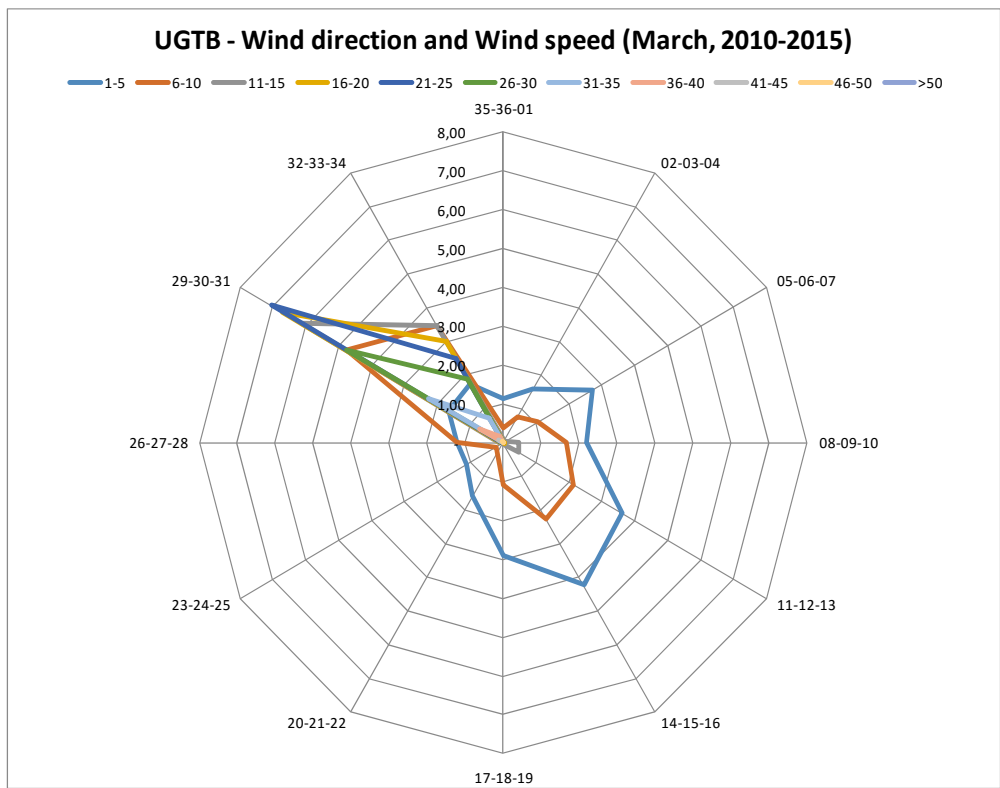
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												7.24
VARIABLE	6.31	0.18	-	-	-	-	-	-	-	-	-	6.49
35-36-01	1.14	0.39	0.09	0.02	-	-	-	-	-	-	-	1.64
02-03-04	1.59	0.78	0.03	0.01	-	-	-	-	-	-	-	2.42
05-06-07	2.72	1.06	0.07	-	-	-	-	-	-	-	-	3.85
08-09-10	2.20	1.66	0.42	0.03	-	-	-	-	-	-	-	4.31
11-12-13	3.60	2.15	0.49	0.03	-	-	-	-	-	-	-	6.28
14-15-16	4.24	2.26	0.07	-	-	-	-	-	-	-	-	6.57
17-18-19	2.90	1.08	-	-	-	-	-	-	-	-	-	3.98
20-21-22	1.59	0.32	-	-	-	-	-	-	-	-	-	1.92
23-24-25	1.10	0.22	-	-	-	-	-	-	-	-	-	1.33
26-27-28	1.22	1.23	0.13	0.09	0.04	0.02	-	-	-	-	-	2.73
29-30-31	1.65	4.75	6.14	6.72	7.05	4.77	2.29	0.72	0.13	0.04	-	34.27
32-33-34	1.74	3.47	3.48	3.00	2.51	1.87	0.72	0.18	0.02	-	-	16.99
TOTAL	32.00	19.55	10.93	9.91	9.60	6.67	3.01	0.90	0.16	0.04	-	100



**CALM**  
7.24%

**VARIABLE**  
6.49%

The prevailing wind directions of 290°-340° frequency of occurrence is 51.26%.

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" (frequencies of occurrence 51.55%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

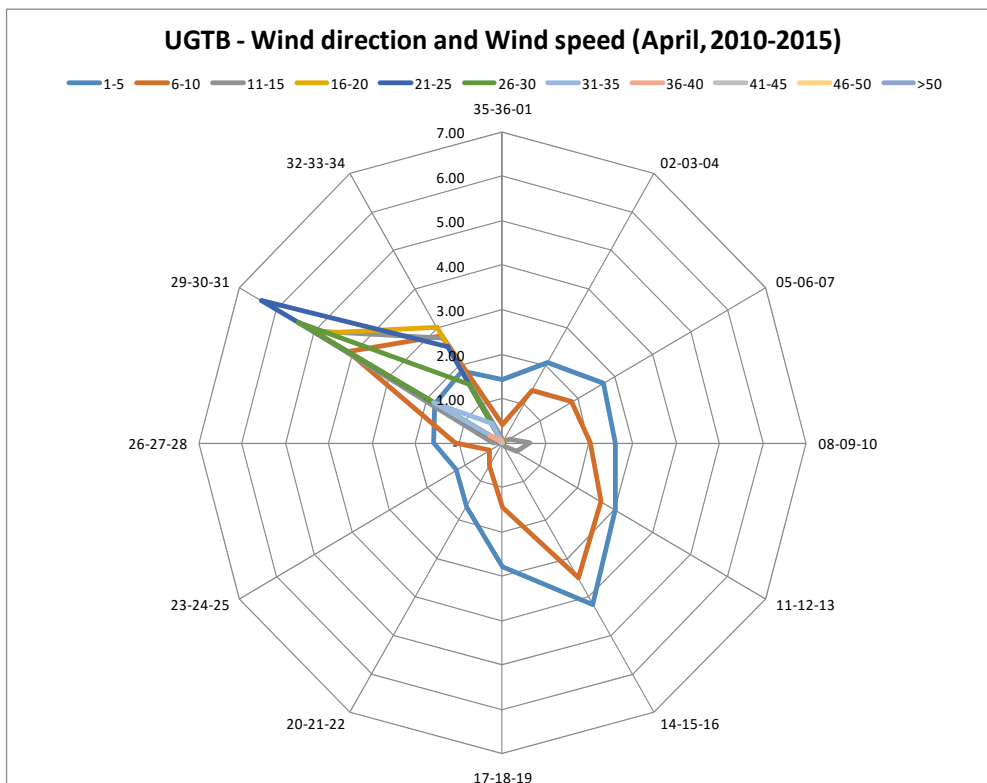
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												6.41
VARIABLE	8.09	0.25	-	0.01	-	-	-	-	-	-	-	8.36
35-36-01	1.44	0.43	0.09	0.01	-	0.01	-	-	-	-	-	1.98
02-03-04	2.08	1.37	0.03	0.02	-	-	-	-	-	-	-	3.51
05-06-07	2.69	1.84	0.18	0.01	0.02	-	-	-	-	-	-	4.76
08-09-10	2.60	2.03	0.62	0.05	0.01	-	-	-	-	-	-	5.31
11-12-13	3.01	2.63	0.37	0.01	-	-	-	-	-	-	-	6.01
14-15-16	4.19	3.49	0.09	-	-	-	-	-	-	-	-	7.77
17-18-19	2.80	1.44	0.02	-	-	-	-	-	-	-	-	4.26
20-21-22	1.66	0.60	0.02	-	-	-	-	-	-	-	-	2.28
23-24-25	1.22	0.35	-	-	-	-	-	-	-	-	-	1.57
26-27-28	1.59	1.08	0.22	0.02	0.03	-	-	-	-	-	-	2.95
29-30-31	1.78	4.09	5.07	4.94	6.41	5.42	1.83	0.35	0.03	-	-	29.93
32-33-34	1.85	2.77	2.71	2.99	2.50	1.51	0.51	0.07	-	-	-	14.91
TOTAL	35.01	22.36	9.43	8.07	8.98	6.94	2.34	0.41	0.03	-	-	100.00



**CALM**  
6.41%

**VARIABLE**  
8.36%

The prevailing wind directions of 290°-340° frequency of occurrence is 44.84%.

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" (frequencies of occurrence 57.37%).

The maximum wind of 41-45 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: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

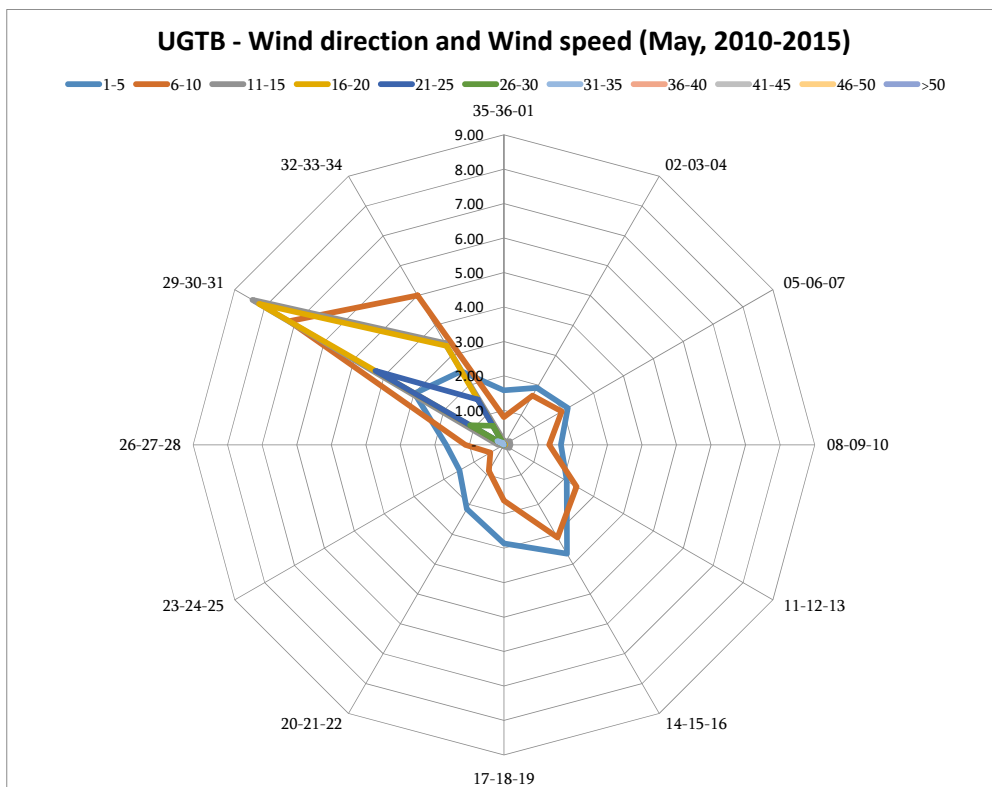
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												5.19
VARIABLE	7.90	0.28	0.03	-	-	-	-	-	-	-	-	8.22
35-36-01	1.58	0.80	0.11	0.01	-	-	-	-	-	-	-	2.51
02-03-04	1.91	1.65	0.11	0.02	-	-	-	-	-	-	-	3.70
05-06-07	2.14	1.93	0.20	0.03	0.01	-	-	-	-	-	-	4.32
08-09-10	1.65	1.31	0.19	0.03	0.01	-	-	-	-	-	-	3.20
11-12-13	2.10	2.43	0.18	0.01	-	-	-	-	-	-	-	4.73
14-15-16	3.65	3.11	0.07	-	-	-	-	-	-	-	-	6.83
17-18-19	2.86	1.62	-	-	-	-	-	-	-	-	-	4.48
20-21-22	2.15	0.87	0.05	-	-	-	-	-	-	-	-	3.06
23-24-25	1.48	0.45	0.03	0.02	-	-	-	-	-	-	-	1.99
26-27-28	1.67	1.12	0.17	0.01	-	-	-	-	-	-	-	2.97
29-30-31	2.98	7.18	8.41	8.18	4.30	1.13	0.21	-	-	-	-	32.40
32-33-34	2.46	5.01	3.41	3.31	1.51	0.63	0.07	-	-	-	-	16.41
TOTAL	34.55	27.76	12.98	11.64	5.83	1.76	0.28	-	-	-	-	100.00



**CALM**  
5.19%

**VARIABLE**  
8.22%

The prevailing wind directions of 290°-340° frequency of occurrence is 48.81%.

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 62.31%).

The maximum wind of 31-35 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.28%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

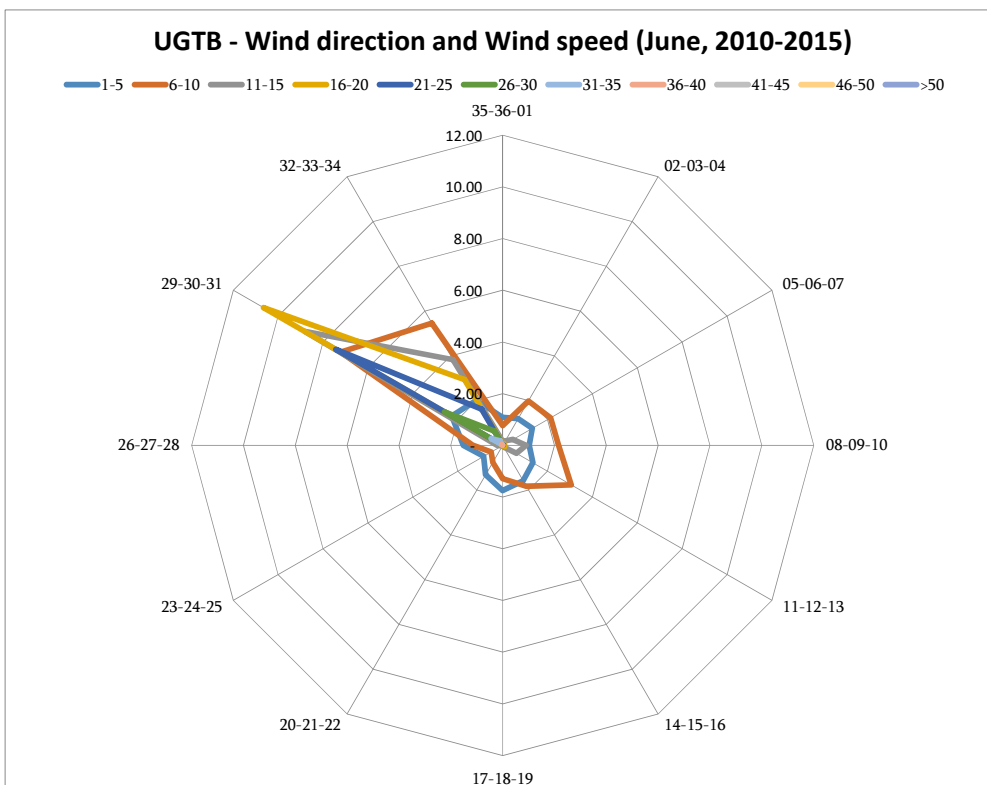
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												3.53
VARIABLE	7.42	0.90	0.08	0.03	-	0.01	-	-	-	-	-	8.45
35-36-01	1.08	0.76	0.16	0.05	0.01	-	-	-	-	-	-	2.06
02-03-04	1.20	1.98	0.21	0.09	0.02	-	-	-	-	-	-	3.50
05-06-07	1.32	2.13	0.46	0.02	0.03	-	-	-	-	-	-	3.97
08-09-10	1.03	2.15	0.90	0.08	0.01	-	-	-	-	-	-	4.17
11-12-13	1.34	3.05	0.62	0.09	-	-	-	-	-	-	-	5.11
14-15-16	1.58	1.82	0.08	-	-	-	-	-	-	-	-	3.49
17-18-19	1.74	1.29	-	-	-	-	-	-	-	-	-	3.03
20-21-22	1.31	0.76	0.03	-	-	-	-	-	-	-	-	2.11
23-24-25	0.84	0.51	0.05	0.02	-	-	-	-	-	-	-	1.42
26-27-28	1.52	1.15	0.22	0.02	-	-	-	-	-	-	-	2.91
29-30-31	2.27	7.21	8.81	10.66	7.43	2.59	0.51	0.05	-	-	-	39.53
32-33-34	2.02	5.46	3.83	2.94	1.62	0.64	0.21	0.02	-	-	-	16.73
TOTAL	24.68	29.20	15.43	14.01	9.13	3.24	0.72	0.07	-	-	-	100.00



**CALM**  
3.53%

**VARIABLE**  
8.45%

The prevailing wind directions of 290°-340° frequency of occurrence is 56.26%.

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 53.88%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.07%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

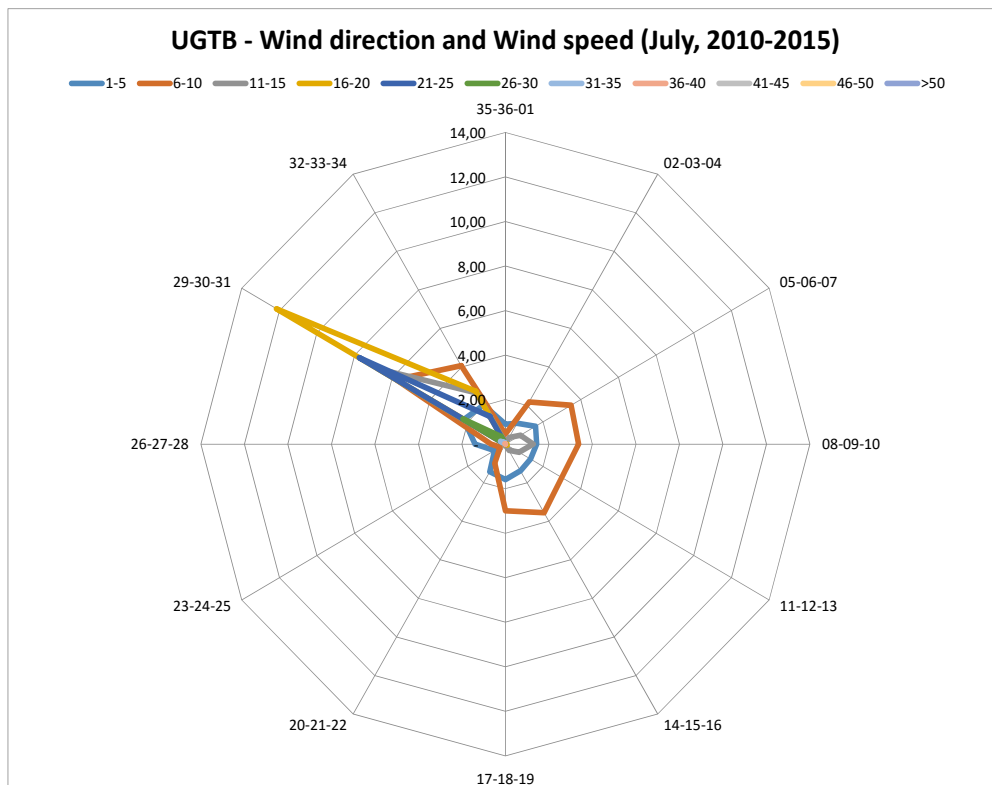
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												3.39
VARIABLE	7.35	1.00	0.04	-	-	-	-	-	-	-	-	8.39
35-36-01	0.90	0.45	0.07	-	-	-	-	-	-	-	-	1.41
02-03-04	1.09	2.19	0.35	0.02	-	-	-	-	-	-	-	3.65
05-06-07	1.59	3.49	0.80	0.01	-	-	-	-	-	-	-	5.89
08-09-10	1.44	3.37	1.28	0.07	-	-	-	-	-	-	-	6.15
11-12-13	1.34	3.00	0.73	0.09	-	-	-	-	-	-	-	5.15
14-15-16	1.38	3.56	0.33	0.02	-	-	-	-	-	-	-	5.29
17-18-19	1.59	3.00	0.06	-	-	-	-	-	-	-	-	4.65
20-21-22	1.44	0.99	0.01	-	-	-	-	-	-	-	-	2.44
23-24-25	0.57	0.28	0.02	-	-	-	-	-	-	-	-	0.88
26-27-28	1.40	0.66	0.04	-	-	-	-	-	-	-	-	2.11
29-30-31	2.21	5.80	6.77	12.15	7.75	2.26	0.26	0.03	-	-	-	37.23
32-33-34	2.02	4.06	2.65	2.74	1.44	0.39	0.08	-	-	-	-	13.38
TOTAL	24.32	31.84	13.14	15.10	9.19	2.65	0.34	0.03	-	-	-	100.00



**CALM**  
3.39%

**VARIABLE**  
8.39%

The prevailing wind directions of 290°-340° frequency of occurrence is 50.61%.

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 56.16%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

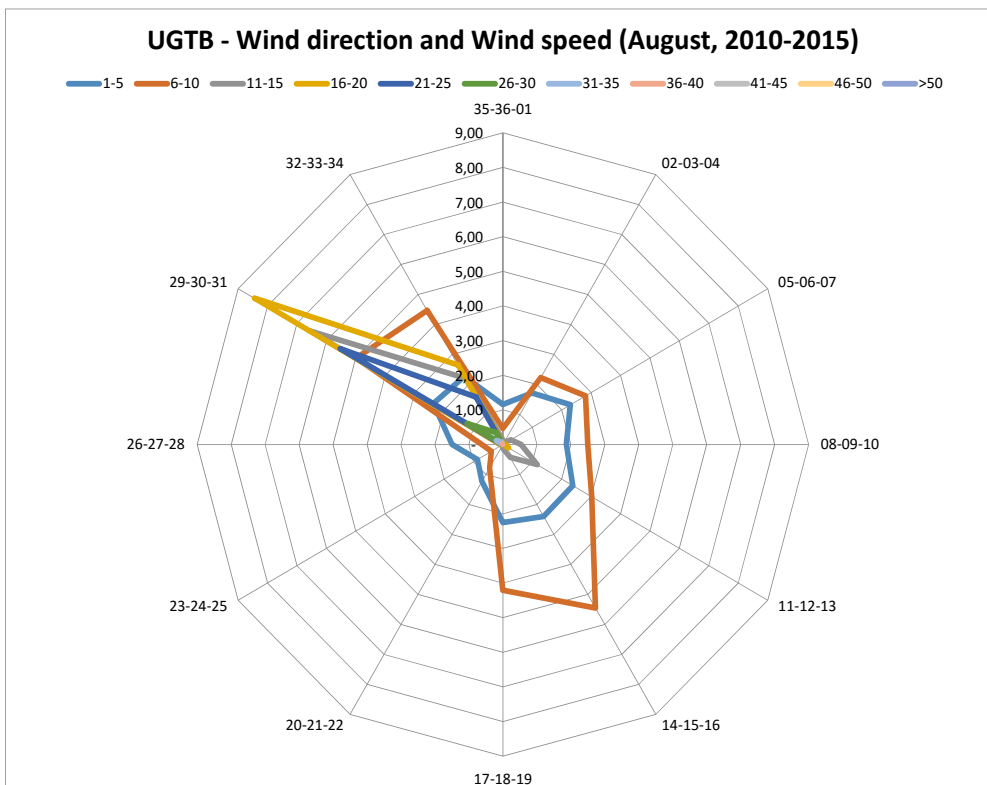
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												3.72
VARIABLE	8.55	1.29	0.01	-	-	-	-	-	-	-	-	9.85
35-36-01	1.15	0.46	0.14	0.03	-	-	-	-	-	-	-	1.79
02-03-04	1.72	2.23	0.07	0.03	-	0.01	-	-	-	-	-	4.06
05-06-07	2.30	2.81	0.27	-	-	-	-	-	-	-	-	5.37
08-09-10	1.87	2.50	0.53	0.08	-	-	-	-	-	-	-	4.98
11-12-13	2.38	3.02	1.17	0.19	-	-	-	-	-	-	-	6.75
14-15-16	2.40	5.45	0.43	-	-	-	-	-	-	-	-	8.28
17-18-19	2.25	4.21	0.11	-	-	-	-	-	-	-	-	6.57
20-21-22	1.23	0.78	0.02	0.01	-	-	-	-	-	-	-	2.05
23-24-25	0.87	0.40	0.02	-	-	-	-	-	-	-	-	1.29
26-27-28	1.49	0.62	0.07	0.07	0.02	-	-	-	-	-	-	2.27
29-30-31	2.36	4.99	6.55	8.45	5.53	1.22	0.23	0.01	-	-	-	29.34
32-33-34	2.27	4.47	2.21	2.65	1.58	0.40	0.08	0.02	-	-	-	13.67
TOTAL	30.84	33.22	11.59	11.51	7.14	1.63	0.31	0.03	-	-	-	100.00



**CALM**  
3.72%

**VARIABLE**  
9.85%

The prevailing wind directions of 290°-340° frequency of occurrence is 43.01%.

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 64.06%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

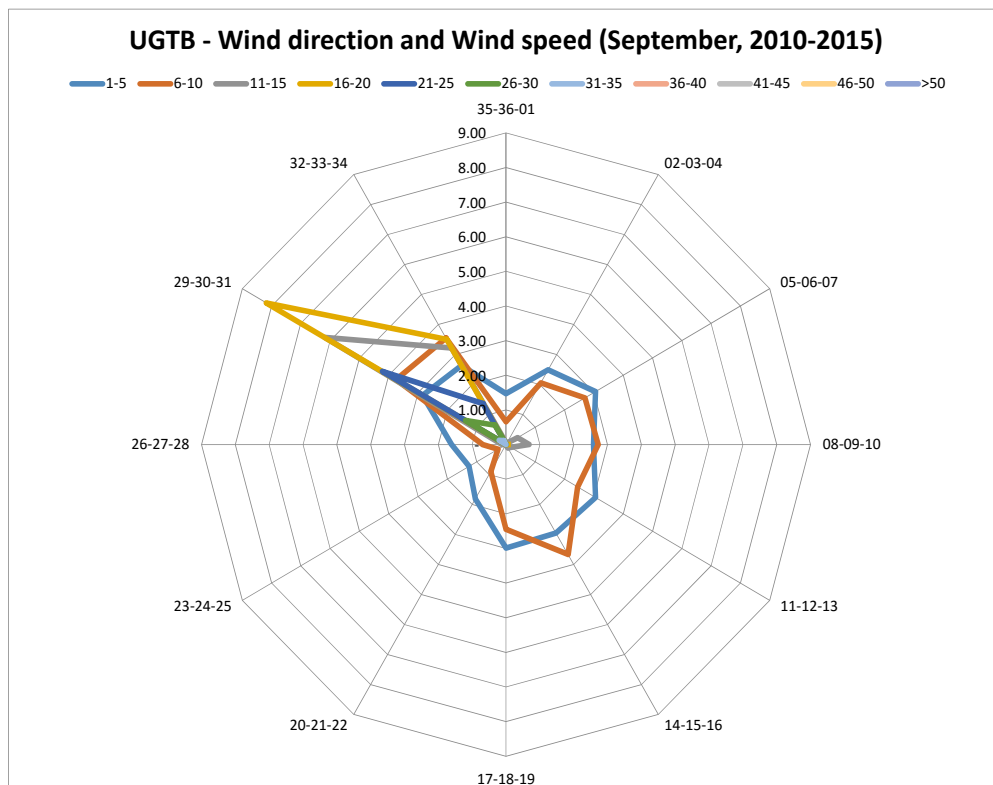
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												4.80
VARIABLE	9.20	0.61	0.01	-	-	-	-	-	-	-	-	9.83
35-36-01	1.47	0.66	0.06	0.01	-	0.01	-	-	-	-	-	2.21
02-03-04	2.49	2.06	0.05	-	-	-	-	-	-	-	-	4.60
05-06-07	3.06	2.69	0.40	-	-	-	-	-	-	-	-	6.15
08-09-10	2.59	2.73	0.68	0.04	-	-	-	-	-	-	-	6.03
11-12-13	3.06	2.45	0.16	-	-	-	-	-	-	-	-	5.67
14-15-16	2.95	3.67	0.12	-	-	-	-	-	-	-	-	6.74
17-18-19	2.99	2.45	-	-	-	-	-	-	-	-	-	5.43
20-21-22	1.81	0.91	0.02	-	-	-	-	-	-	-	-	2.74
23-24-25	1.26	0.27	0.01	-	-	-	-	-	-	-	-	1.54
26-27-28	1.61	0.69	0.12	0.01	-	-	-	-	-	-	-	2.43
29-30-31	2.84	3.75	6.18	8.18	4.22	1.39	0.24	-	-	-	-	26.80
32-33-34	2.63	3.55	3.22	3.50	1.36	0.65	0.13	-	-	-	-	15.05
TOTAL	37.96	26.47	11.04	11.74	5.58	2.05	0.36	-	-	-	-	100.00



**CALM**  
4.80%

**VARIABLE**  
9.83%

The prevailing wind directions of 290°-340° frequency of occurrence is 41.85%.

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 64.43%).

The maximum wind of 31-35 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.36%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

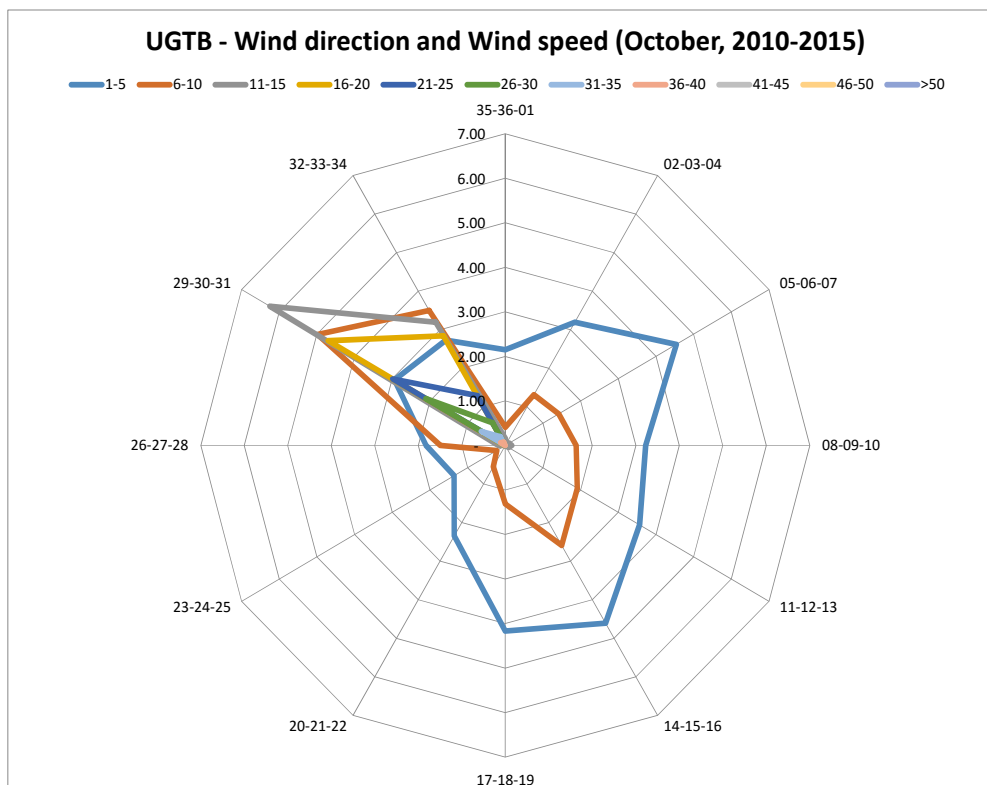
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												7.30
VARIABLE	8.76	0.16	-	-	-	-	-	-	-	-	-	8.92
35-36-01	2.15	0.41	0.16	-	-	-	-	-	-	-	-	2.72
02-03-04	3.19	1.31	0.06	-	-	-	-	-	-	-	-	4.56
05-06-07	4.54	1.42	0.10	-	-	-	-	-	-	-	-	6.06
08-09-10	3.23	1.63	0.15	-	-	-	-	-	-	-	-	5.00
11-12-13	3.57	1.91	0.09	-	-	-	-	-	-	-	-	5.57
14-15-16	4.61	2.59	0.01	-	-	-	-	-	-	-	-	7.21
17-18-19	4.17	1.31	-	-	-	-	-	-	-	-	-	5.48
20-21-22	2.34	0.55	0.01	-	-	-	-	-	-	-	-	2.91
23-24-25	1.36	0.23	-	-	-	-	-	-	-	-	-	1.59
26-27-28	1.82	1.49	0.16	0.02	-	-	-	-	-	-	-	3.50
29-30-31	2.94	4.98	6.25	4.70	2.99	2.11	0.63	0.12	-	-	-	24.73
32-33-34	2.73	3.50	3.19	2.84	1.29	0.59	0.23	0.08	-	-	-	14.45
TOTAL	45.41	21.50	10.18	7.56	4.28	2.69	0.86	0.20	-	-	-	100.00



**CALM**  
7.30%

**VARIABLE**  
8.92%

The prevailing wind directions of 290°-340° frequency of occurrence is 39.18%.

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 66.91%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.20%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

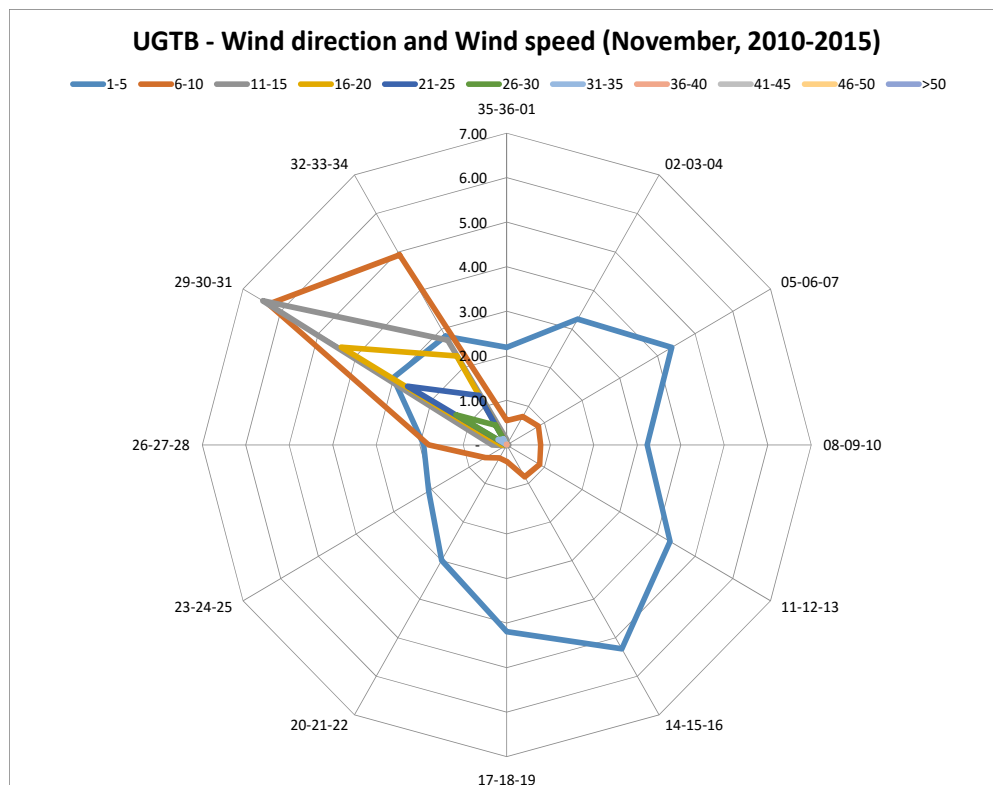
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												9.88
VARIABLE	8.64	0.05	-	-	-	-	-	-	-	-	-	8.69
35-36-01	2.19	0.55	0.12	0.01	-	-	-	-	-	-	-	2.86
02-03-04	3.26	0.73	0.01	-	-	-	-	-	-	-	-	4.01
05-06-07	4.38	0.84	0.02	-	-	-	-	-	-	-	-	5.24
08-09-10	3.23	0.78	0.05	-	-	-	-	-	-	-	-	4.05
11-12-13	4.33	0.87	0.03	-	-	-	-	-	-	-	-	5.24
14-15-16	5.29	0.83	-	-	-	-	-	-	-	-	-	6.11
17-18-19	4.19	0.37	-	-	-	-	-	-	-	-	-	4.57
20-21-22	2.99	0.34	0.01	-	-	-	-	-	-	-	-	3.34
23-24-25	2.07	0.57	0.03	-	-	-	-	-	-	-	-	2.68
26-27-28	1.91	1.79	0.34	0.13	0.01	-	-	-	-	-	-	4.18
29-30-31	3.02	6.32	6.47	4.39	2.63	1.35	0.23	0.01	-	-	-	24.43
32-33-34	2.82	4.93	2.71	2.31	1.28	0.51	0.15	0.01	-	-	-	14.72
TOTAL	48.32	18.97	9.81	6.84	3.92	1.86	0.38	0.02	-	-	-	100.00



**CALM**  
9.88%

**VARIABLE**  
8.69%

The prevailing wind directions of 290°-340° frequency of occurrence is 39.15%.

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 67.29%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.02%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

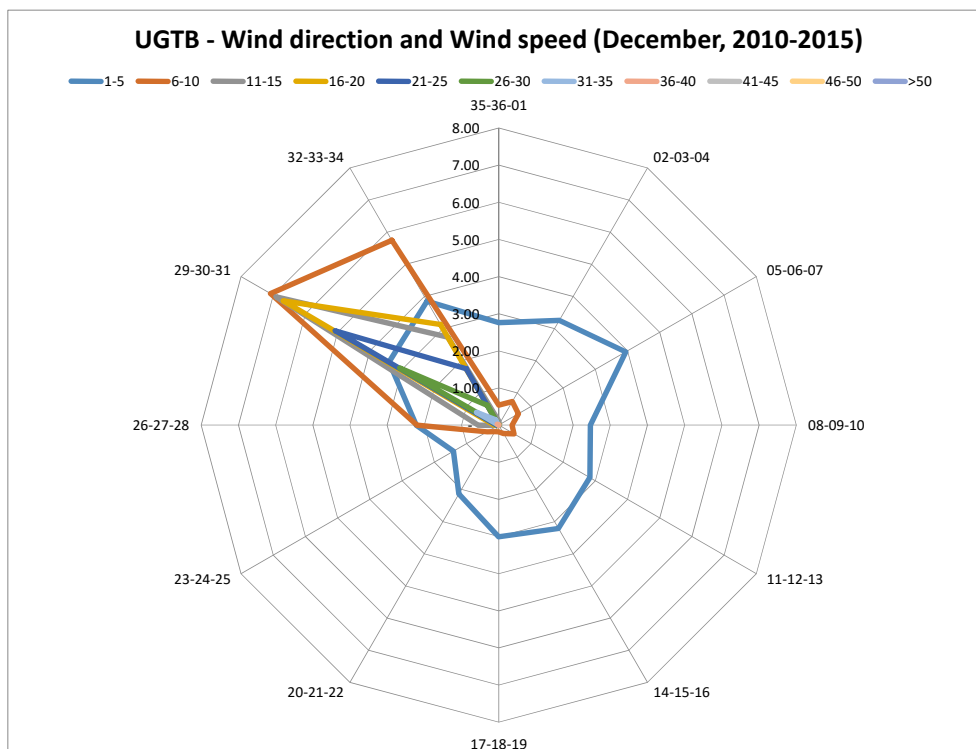
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												7.71
VARIABLE	7.09	0.06	-	-	-	-	-	-	-	-	-	7.14
35-36-01	2.76	0.54	0.11	0.01	-	-	-	-	-	-	-	3.42
02-03-04	3.26	0.73	0.03	-	-	-	-	-	-	-	-	4.02
05-06-07	3.94	0.61	0.02	0.01	-	-	-	-	-	-	-	4.59
08-09-10	2.47	0.36	0.02	-	-	-	-	-	-	-	-	2.85
11-12-13	2.83	0.47	-	-	-	-	-	-	-	-	-	3.30
14-15-16	3.21	0.26	-	-	-	-	-	-	-	-	-	3.47
17-18-19	3.01	0.18	-	-	-	-	-	-	-	-	-	3.19
20-21-22	2.14	0.20	-	-	-	-	-	-	-	-	-	2.34
23-24-25	1.41	0.36	0.02	0.02	-	-	-	-	-	-	-	1.81
26-27-28	2.22	2.20	0.55	0.12	0.06	-	-	-	-	-	-	5.15
29-30-31	3.40	7.09	6.92	6.69	5.08	3.08	0.69	0.05	-	-	-	32.99
32-33-34	3.85	5.75	2.74	3.13	1.76	0.61	0.17	0.01	-	-	-	18.01
TOTAL	41.58	18.80	10.42	9.99	6.89	3.68	0.86	0.06	-	-	-	100.00



**CALM**  
7.71%

**VARIABLE**  
7.14%

The prevailing wind directions of 290°-340° frequency of occurrence is 51.00%.

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 60.38%).

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.06%).





## WIND GUST SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

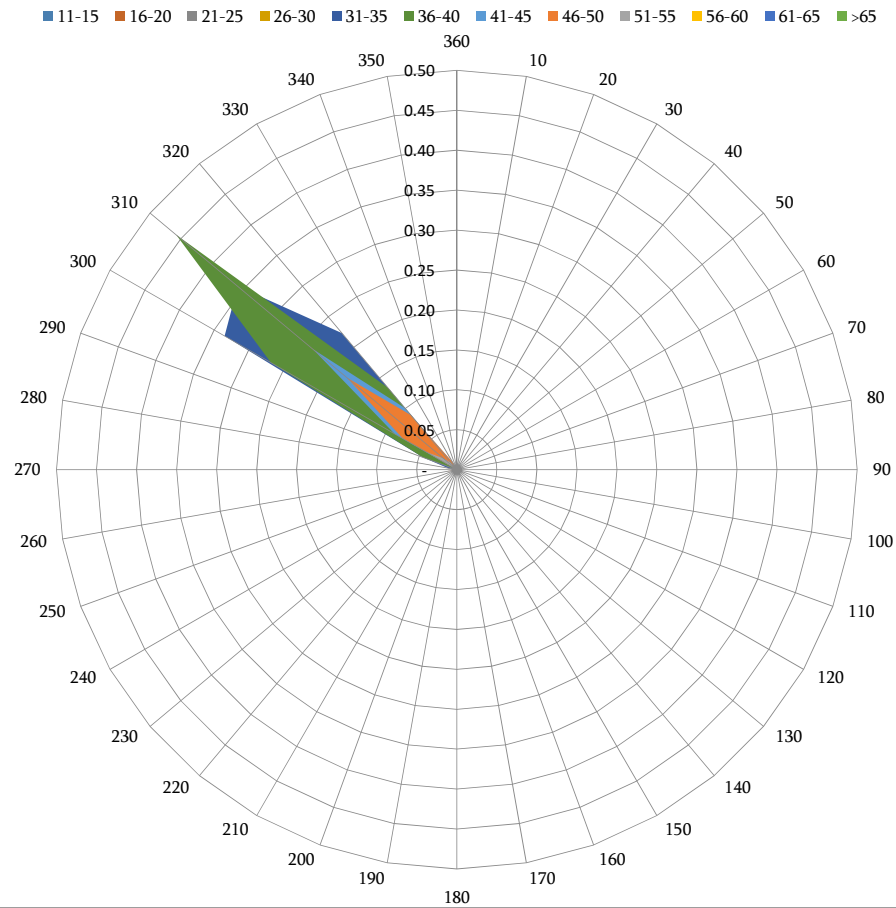
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	0.02
290	-	-	-	0.04	0.04	0.04	-	-	-	-	-	-	0.13
300	0.01	-	0.03	0.15	0.33	0.27	0.09	0.08	0.04	-	-	-	1.00
310	-	-	0.04	0.07	0.36	0.46	0.23	0.18	0.02	-	-	-	1.36
320	-	-	-	0.02	0.22	0.13	0.10	0.09	0.01	-	-	-	0.58
330	-	0.02	-	-	-	-	0.01	0.01	-	-	-	-	0.04
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.04	0.08	0.28	0.97	0.90	0.44	0.36	0.08	-	-	-	3.16

### UGTB Wind direction and Wind Gust speed (January, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.88%.

The maximum wind gust speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence 0.08%).

The directions of maximum wind gusts are 300°, 310° and 320°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

OBSERVATION INTERVAL: 30 MIN.

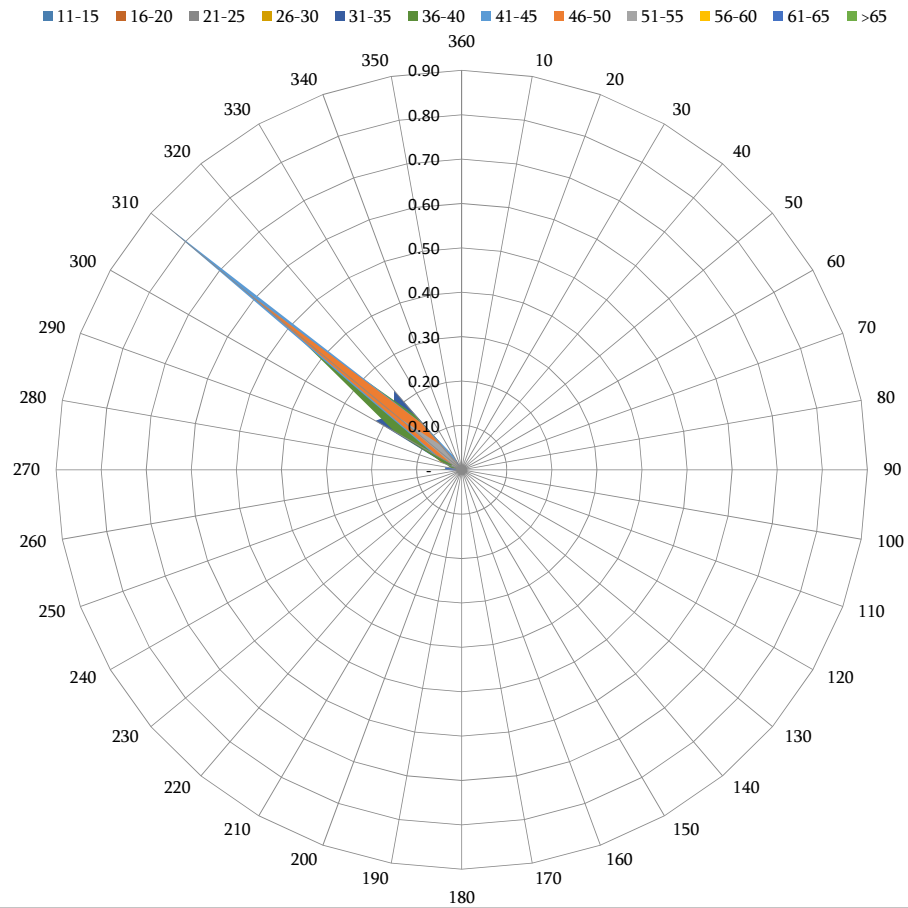
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.01	-	0.04
270	-	-	-	-	-	0.05	0.02	0.02	0.01	-	0.04	-	0.15
280	-	-	-	-	-	0.02	0.02	0.01	-	0.01	0.04	-	0.11
290	-	-	-	0.05	0.04	0.04	-	-	0.02	0.01	-	-	0.16
300	-	-	0.10	0.09	0.22	0.17	0.07	0.06	0.02	-	-	-	0.74
310	-	-	0.01	0.18	0.20	0.52	0.86	0.63	0.18	0.02	-	-	2.60
320	-	-	0.01	0.05	0.23	0.16	0.14	0.14	0.07	-	0.01	-	0.81
330	-	-	-	-	0.02	0.02	0.04	0.01	0.01	-	0.02	-	0.14
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	0.12	0.38	0.71	0.98	1.15	0.88	0.33	0.06	0.12	-	4.75

### UGTB Wind direction and Wind Gust speed (February, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 2.54%.

The maximum wind gust speed (61-65 knots) corresponds to Violent storm or Hurricane according to “Beaufort wind force scale” (frequency of occurrence 0.12%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

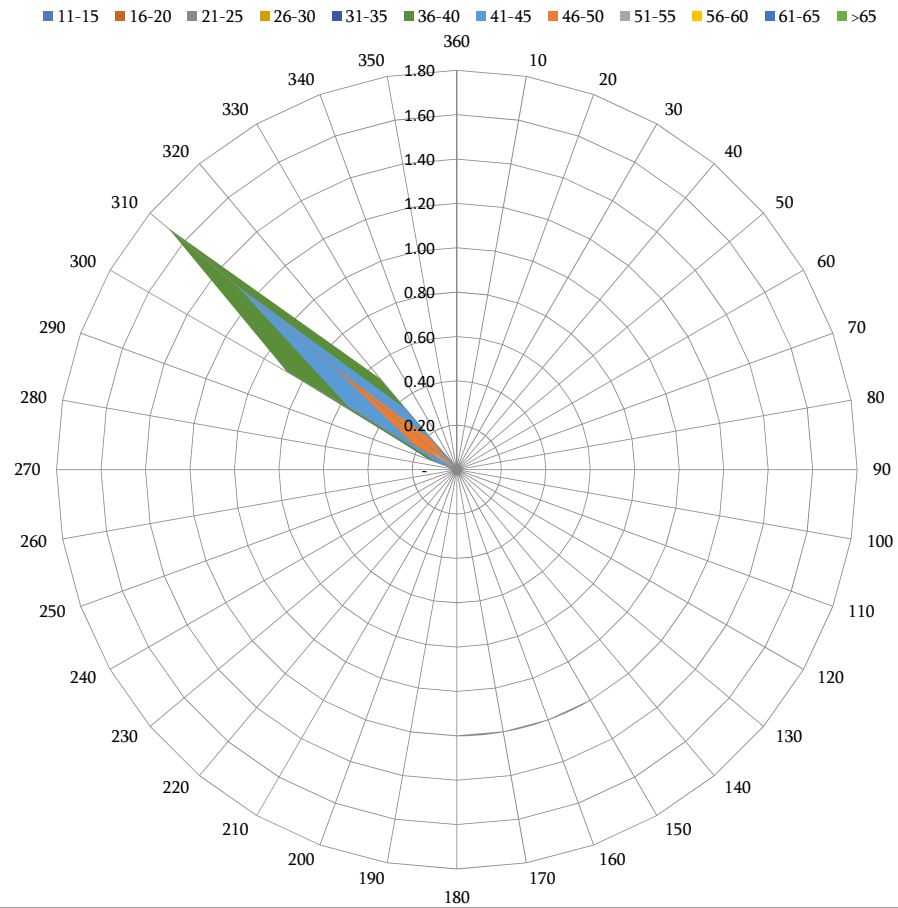
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	0.02	0.01	0.01	0.01	-	-	-	-	-	0.06
290	-	-	0.03	0.06	0.13	0.12	0.09	0.01	0.01	-	-	-	0.46
300	-	-	0.10	0.22	0.69	0.88	0.56	0.21	0.10	0.01	-	-	2.78
310	-	-	0.03	0.30	0.67	1.69	1.29	0.74	0.14	0.04	0.02	-	4.94
320	-	-	0.01	0.01	0.31	0.54	0.36	0.17	0.04	0.03	-	-	1.47
330	-	-	0.02	0.02	0.01	0.02	0.04	-	-	-	-	-	0.12
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	0.20	0.65	1.84	3.28	2.35	1.13	0.30	0.09	0.02	-	9.86

### UGTB Wind direction and Wind Gust speed (March, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 3.89%.

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 direction of maximum wind gusts is 310°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

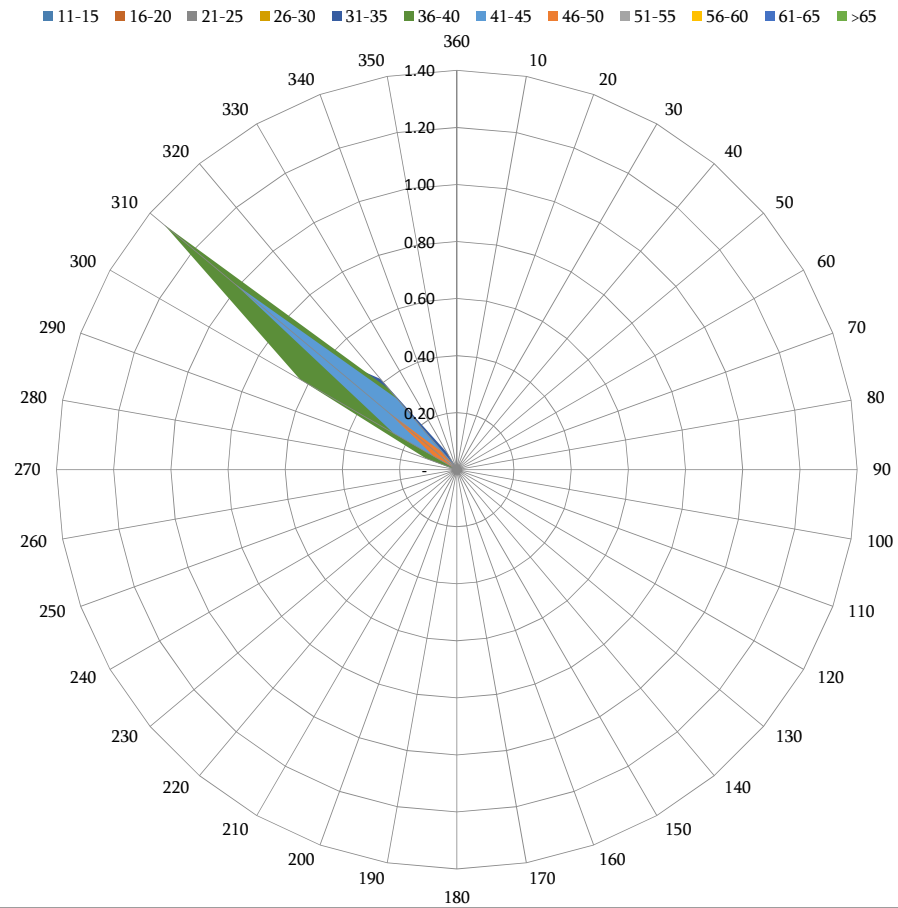
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	0.02	0.09	0.12	-	-	-	-	-	-	0.23
300	-	-	0.08	0.09	0.41	0.63	0.25	0.09	0.01	-	-	-	1.58
310	-	-	0.03	0.08	0.66	1.34	1.01	0.31	0.12	-	-	-	3.55
320	-	0.01	0.05	0.16	0.41	0.37	0.32	0.08	0.02	-	-	-	1.43
330	-	-	0.01	-	0.07	0.01	0.02	0.01	-	-	-	-	0.13
340	-	-	-	0.02	0.01	-	-	-	-	-	-	-	0.03
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.17	0.39	1.66	2.49	1.61	0.50	0.15	-	-	-	6.99

### UGTB Wind direction and Wind Gust speed (April, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 2.26%.

The maximum wind gust speed (51-55 knots) corresponds to Storm according to “Beaufort wind force scale” (frequency of occurrence 0.15%).

The directions of maximum wind gusts are 300°, 310° and 320°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

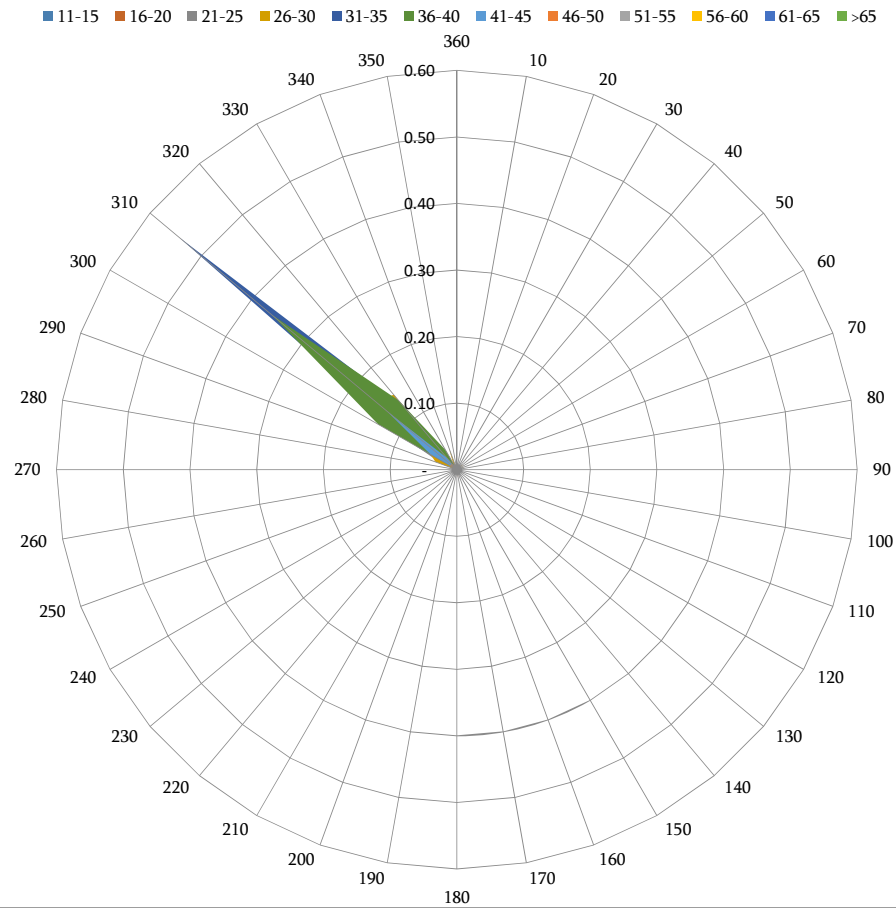
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	0.02	0.03	-	-	-	-	-	-	-	-	0.06
300	-	0.01	0.07	0.05	0.07	0.14	0.05	0.01	-	-	-	-	0.38
310	-	0.01	0.06	0.16	0.54	0.36	0.14	0.01	-	-	-	-	1.28
320	-	0.01	0.03	0.15	0.11	0.14	0.02	0.01	-	-	-	-	0.47
330	-	-	0.02	0.01	-	0.03	-	-	-	-	-	-	0.07
340	-	-	-	0.03	-	-	-	-	-	-	-	-	0.03
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.06	0.24	0.45	0.72	0.67	0.20	0.03	-	-	-	-	2.39

### UGTB Wind direction and Wind Gust speed (May, 2010-2015)



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

The maximum wind gust speed (46-50 knots) corresponds to Strong gale or Storm according to “Beaufort wind force scale” (frequency of occurrence 0.03%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

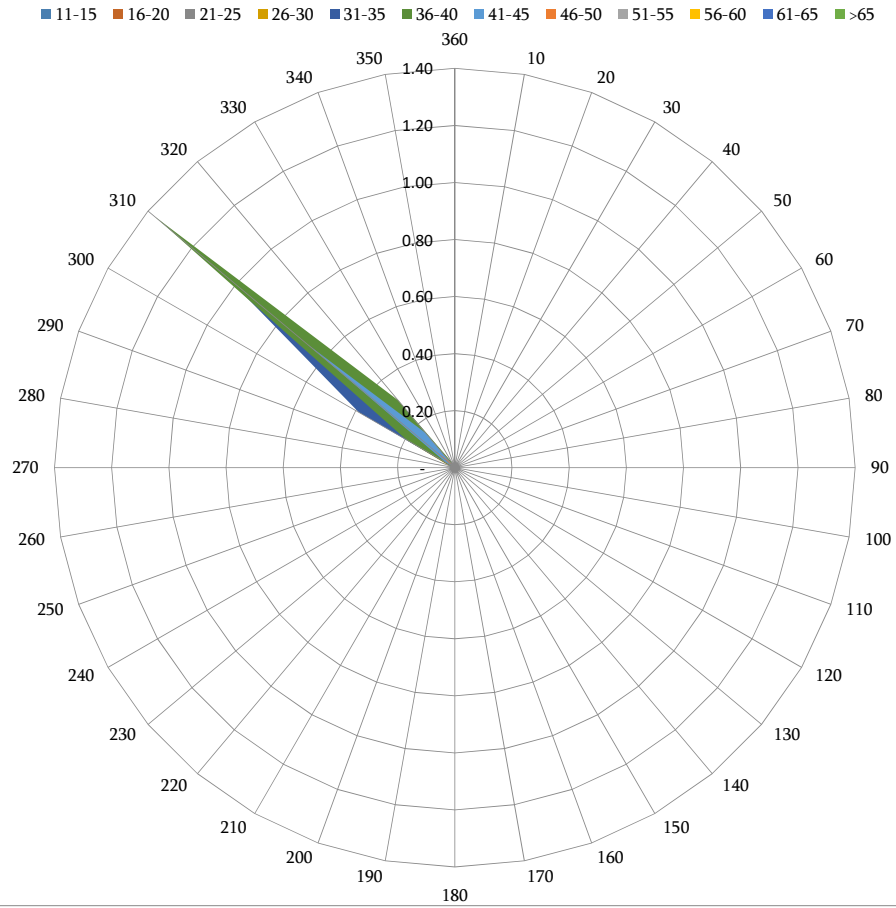
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	0.05
120	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
130	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
280	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	0.02	0.01	0.01	-	-	-	-	-	-	0.05
300	-	-	0.05	0.19	0.39	0.19	0.03	-	-	-	-	-	0.85
310	0.01	-	0.01	0.17	1.05	1.37	0.67	0.10	-	-	-	-	3.39
320	-	-	0.03	0.08	0.22	0.31	0.16	0.02	-	-	-	-	0.82
330	-	-	-	0.01	0.01	0.02	-	-	-	-	-	-	0.05
340	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.02	0.18	0.56	1.68	1.91	0.87	0.13	-	-	-	-	5.36

### UGTB Wind direction and Wind Gust speed (June, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 1.00%.

The maximum wind gust speed (46-50 knots) corresponds to Strong gale or Storm according to “Beaufort wind force scale” (frequency of occurrence 0.13%).

The directions of maximum wind gusts are 310° and 320°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

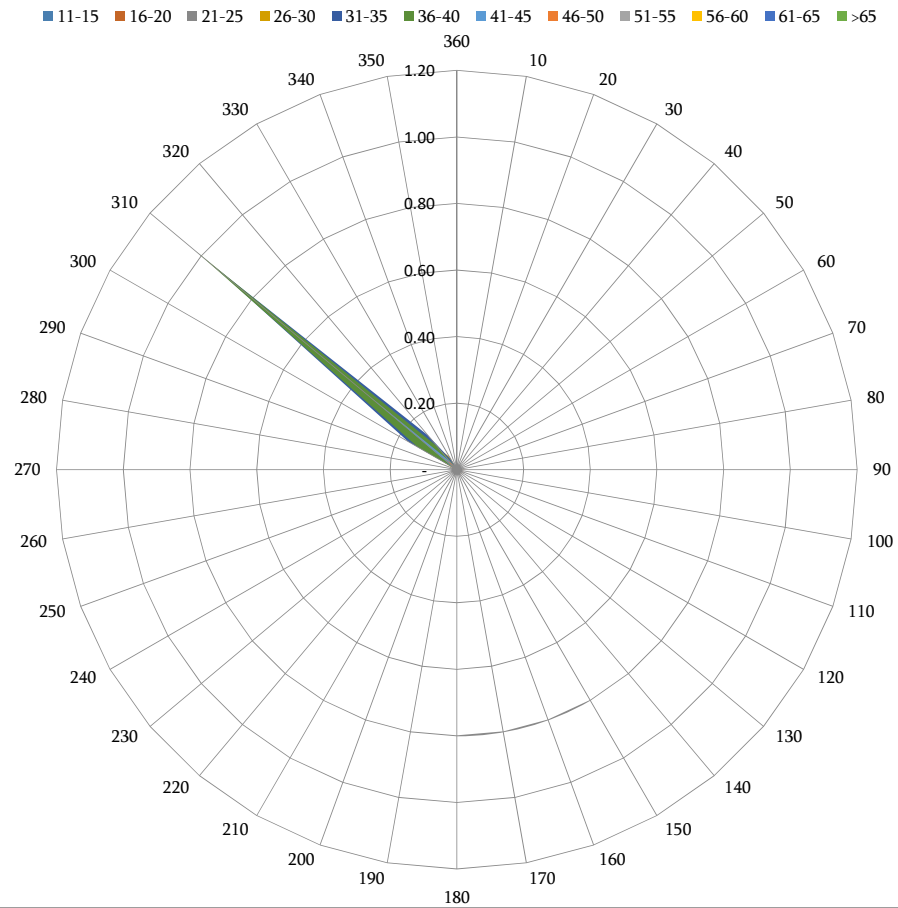
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
90	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
100	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
110	-	0.02	0.01	-	-	-	-	-	-	-	-	-	0.03
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
140	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
150	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	0.01	-	-	0.01	-	-	-	-	-	0.02
300	-	-	0.01	0.04	0.17	0.13	0.01	-	-	-	-	-	0.37
310	-	0.01	0.02	0.22	0.95	1.02	0.36	0.06	-	-	-	-	2.65
320	-	0.01	0.07	0.08	0.13	0.09	0.03	0.02	-	-	-	-	0.44
330	-	0.01	-	0.04	0.03	0.01	-	-	-	-	-	-	0.10
340	-	0.01	-	-	0.01	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.15	0.18	0.40	1.30	1.26	0.42	0.08	-	-	-	-	3.78

### UGTB Wind direction and Wind Gust speed (July, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.50%.

The maximum wind gust speed (46-50 knots) corresponds to Strong gale or Storm according to “Beaufort wind force scale” (frequency of occurrence 0.08%).

The directions of maximum wind gusts are 310° and 320°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

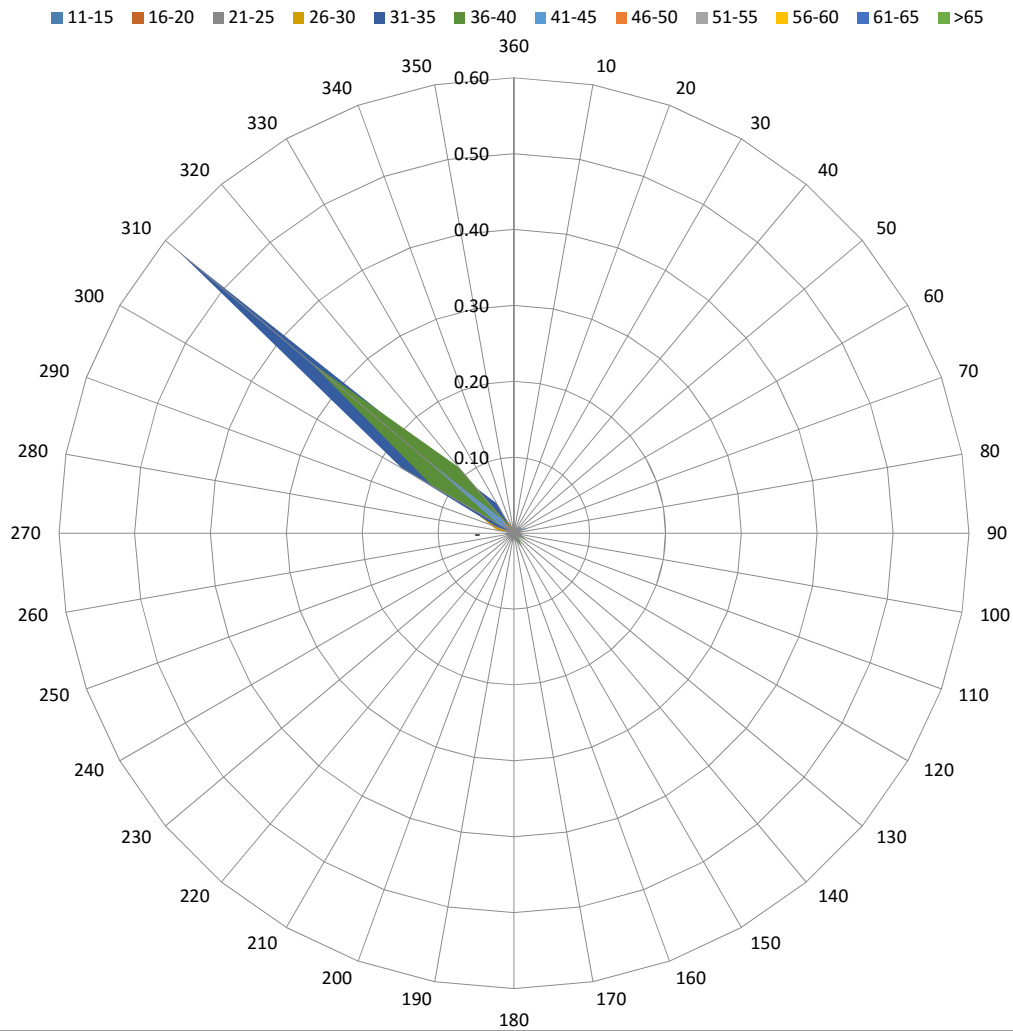
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) 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	>65	TOTAL
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	-	-	0.01	0.01	-	-	0.01	-	-	-	-	-	0.03
110	-	-	0.01	-	-	0.01	-	-	-	-	-	-	0.02
120	-	0.01	0.01	-	-	0.02	-	-	-	-	-	-	0.05
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	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
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	-	-	-	-	-	-	-	0.07
300	-	-	0.02	0.07	0.17	0.12	0.02	-	-	-	-	-	0.41
310	-	0.01	0.02	0.16	0.58	0.35	0.16	0.01	-	-	-	-	1.29
320	-	0.01	0.03	0.03	0.08	0.11	0.02	0.02	-	-	-	-	0.32
330	-	-	0.02	0.02	0.05	0.01	-	-	-	-	-	-	0.10
340	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
350	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
TOTAL	-	0.05	0.19	0.40	0.95	0.71	0.34	0.06	-	-	-	-	2.69

### UGTB Wind direction and Wind Gust speed (August, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.40%.

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 directions of maximum wind gusts are 040°, 050°, 310° and 320°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

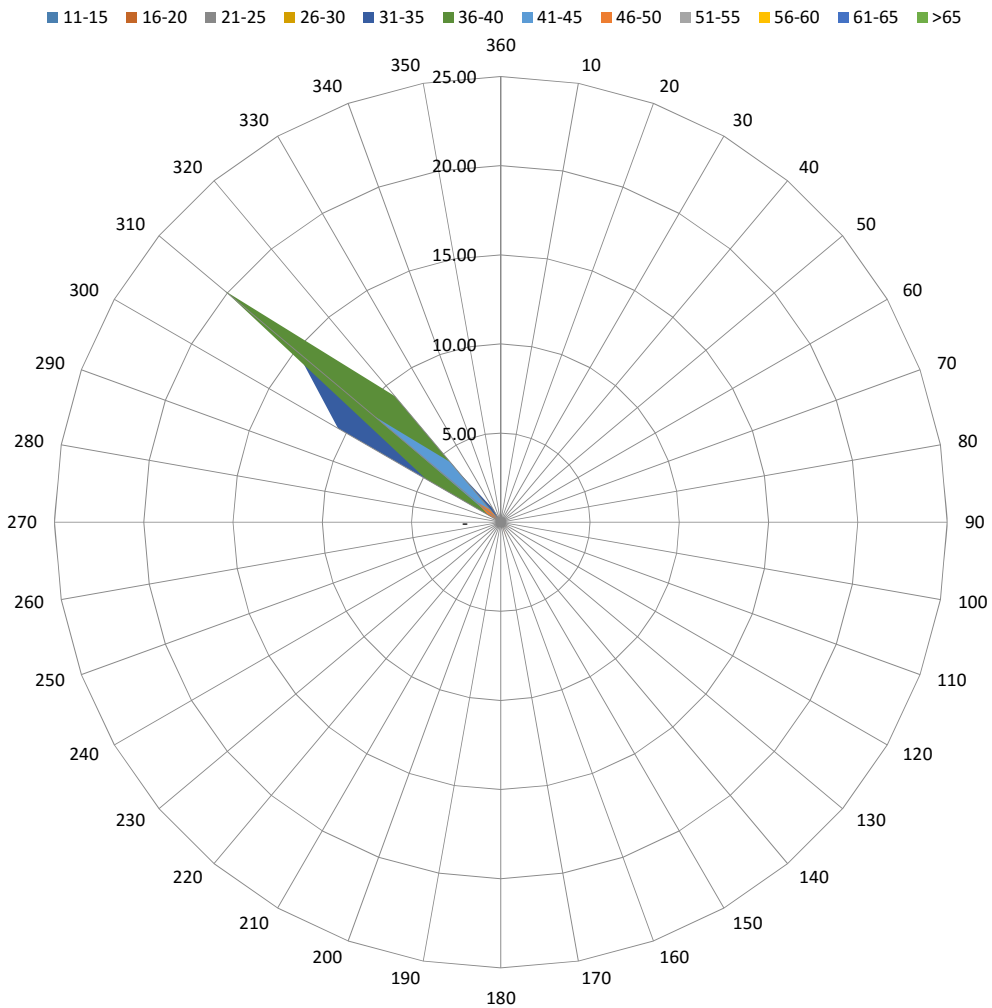
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)											TOTAL	
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65		>65
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	0.01	-	-	-	-	-	-	0.01
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
170	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	0.01	-	0.11	0.28	0.13	0.01	0.02	-	-	-	-	0.56
310	-	-	0.02	0.14	0.40	0.54	0.25	0.05	0.01	-	-	-	1.41
320	-	-	0.05	0.06	0.09	0.25	0.12	0.02	-	-	-	-	0.59
330	-	-	-	0.02	0.02	-	-	-	-	-	-	-	0.05
340	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
350	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
TOTAL	-	0.06	0.08	0.33	0.80	0.93	0.38	0.09	0.01	-	-	-	2.68

## UGTB Wind direction and Wind Gust speed (September, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.48%.

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  $310^\circ$ .

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

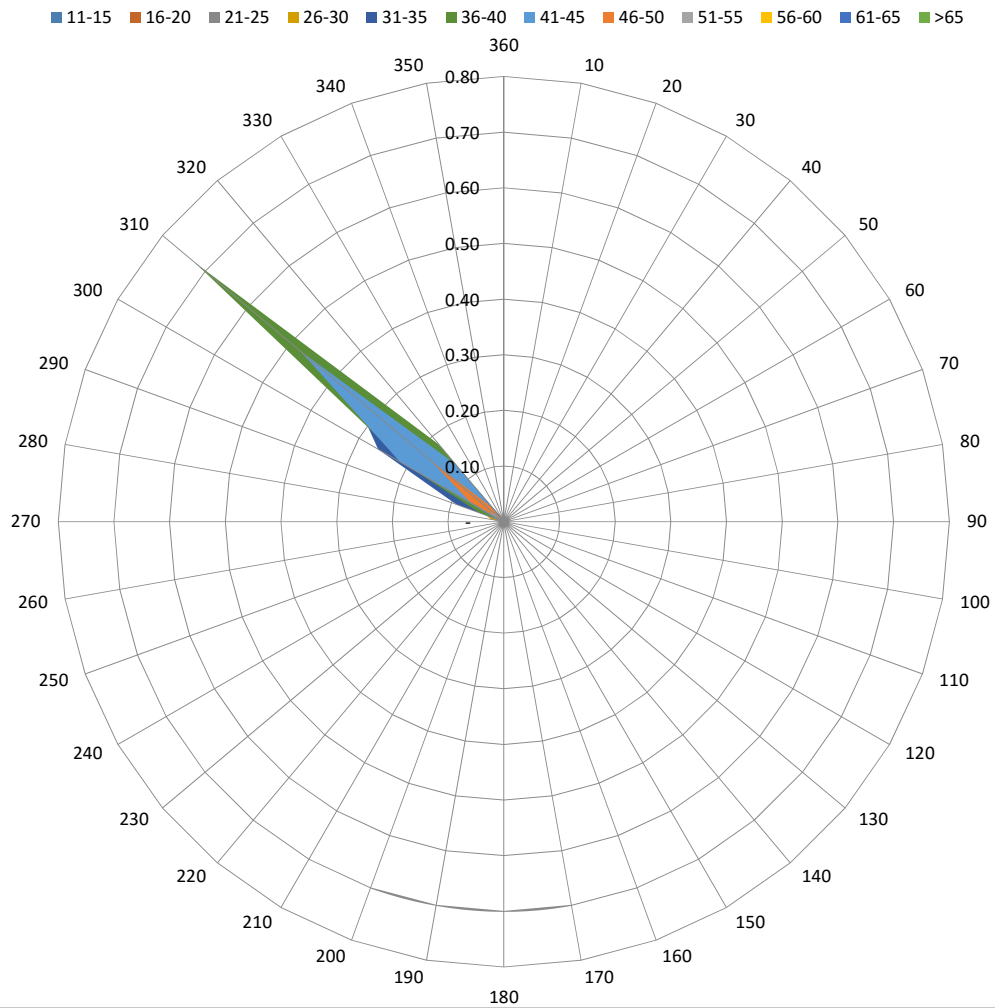
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
290	-	-	0.01	0.03	0.09	0.05	0.01	-	-	-	-	-	0.19
300	-	-	-	0.09	0.26	0.19	0.22	0.07	0.02	-	-	-	0.85
310	-	-	0.09	0.16	0.35	0.72	0.48	0.17	0.03	0.01	-	-	2.02
320	-	-	0.01	0.07	0.15	0.18	0.14	0.03	-	-	-	-	0.58
330	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	0.11	0.37	0.86	1.14	0.84	0.27	0.06	0.01	-	-	3.67

## UGTB Wind direction and Wind Gust speed (October, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 1.18%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

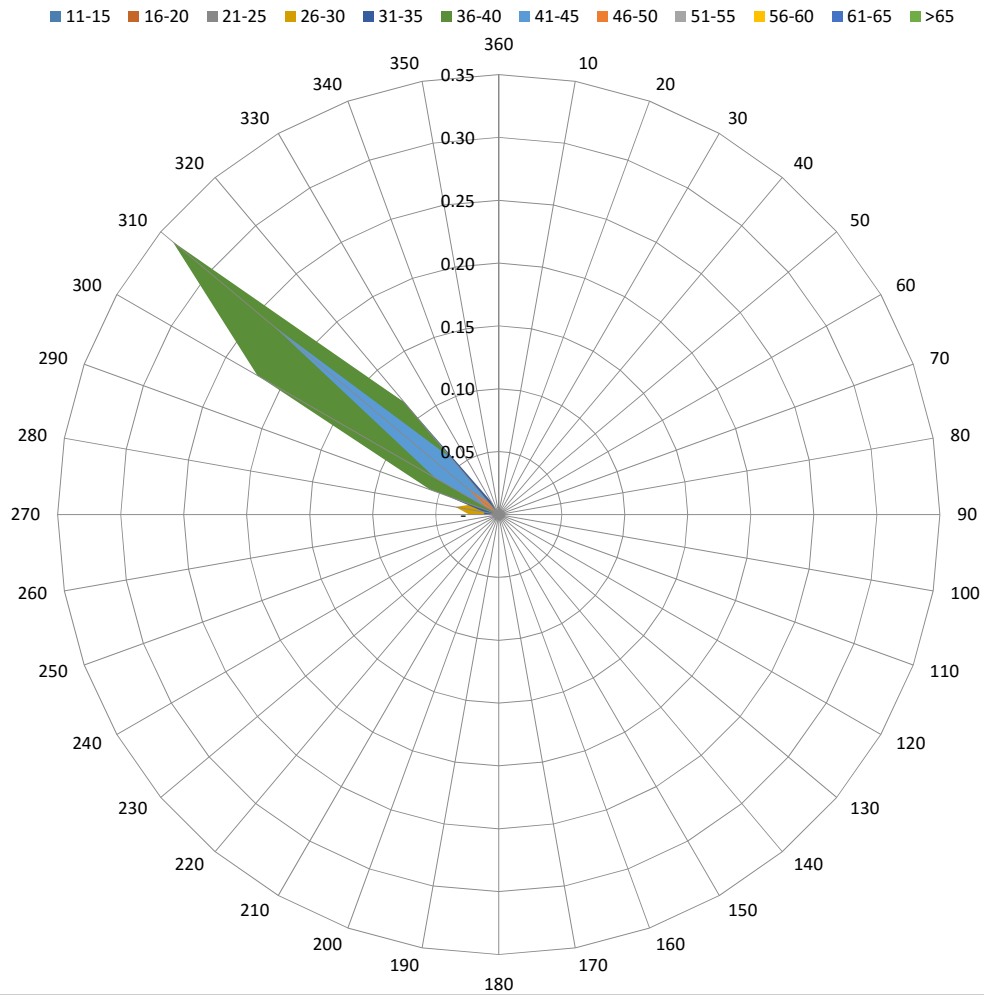
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) 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	>65	TOTAL
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	-	-	-	-	-	-	-	0.05
290	-	0.01	0.01	0.02	0.05	0.06	-	-	-	-	-	-	0.15
300	-	-	0.01	0.19	0.17	0.22	0.06	0.01	-	-	-	-	0.66
310	-	-	0.01	0.09	0.29	0.34	0.23	0.03	-	0.01	-	-	1.01
320	-	-	0.01	0.07	0.12	0.12	0.06	0.01	-	-	-	-	0.38
330	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.07	0.44	0.66	0.73	0.35	0.06	-	0.01	-	-	2.34

## UGTB Wind direction and Wind Gust speed (November, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.42%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

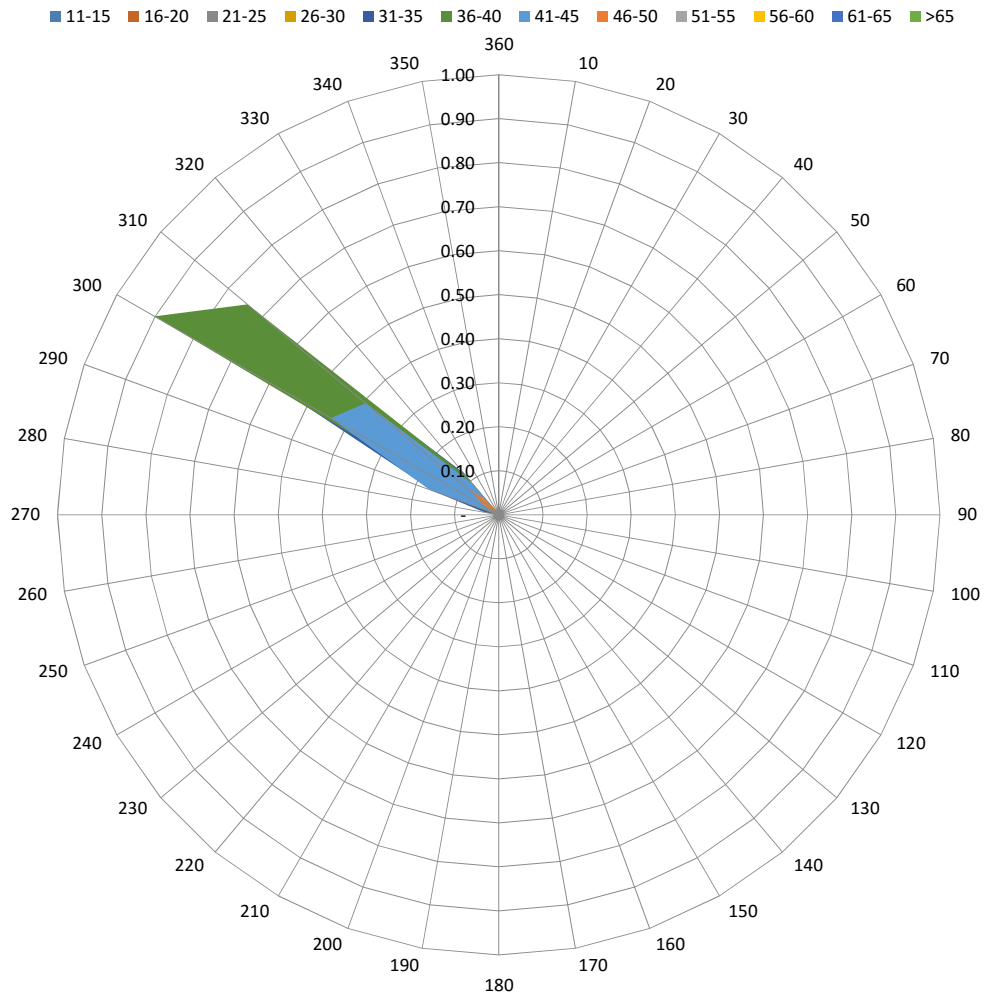
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.01	0.03	0.01	-	-	-	-	-	-	0.09
290	-	-	-	0.06	0.16	0.07	0.17	0.01	-	-	-	-	0.46
300	-	-	0.01	0.14	0.57	0.90	0.44	0.03	-	-	-	-	2.10
310	-	-	-	0.10	0.54	0.74	0.39	0.09	0.02	-	-	-	1.89
320	-	-	-	0.05	0.12	0.11	0.09	0.05	-	-	-	-	0.42
330	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.01	0.06	0.37	1.43	1.84	1.09	0.18	0.02	-	-	-	5.00

## UGTB Wind direction and Wind Gust speed (December, 2010-2015)



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°.



## WIND SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: WINTER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 25968

OBSERVATION INTERVAL: 30 MIN.

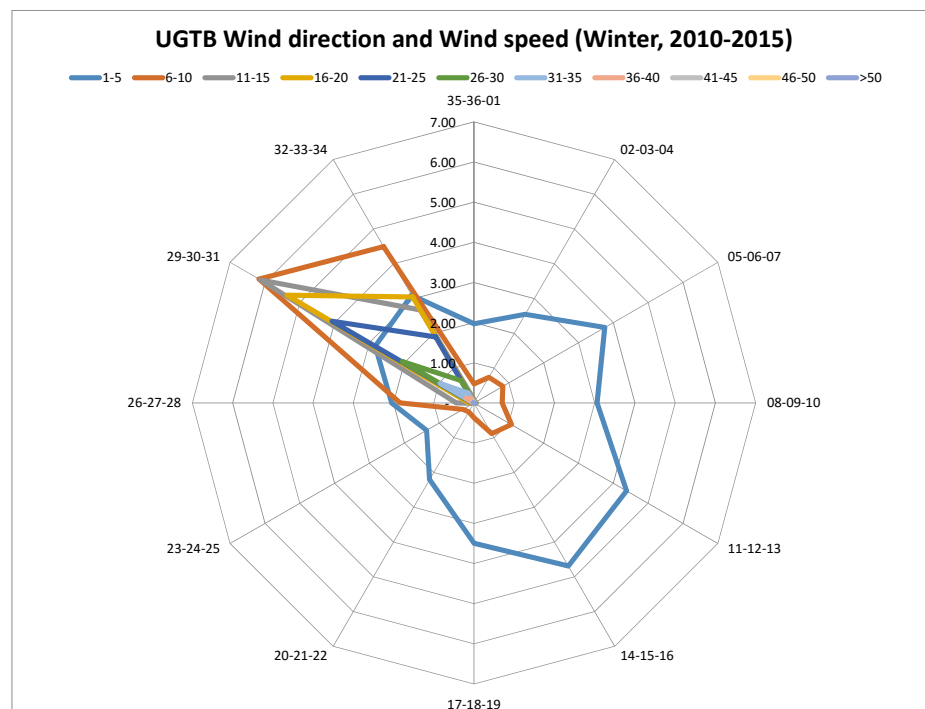
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												11.01
VARIABLE	6.78	0.05	-	-	-	-	-	-	-	-	-	6.83
35-36-01	1.97	0.47	0.08	0.03	0.00	-	-	-	-	-	-	2.56
02-03-04	2.55	0.74	0.01	-	-	-	-	-	-	-	-	3.30
05-06-07	3.76	0.83	0.03	0.00	-	-	-	-	-	-	-	4.62
08-09-10	3.06	0.70	0.06	-	-	-	-	-	-	-	-	3.82
11-12-13	4.38	1.08	0.04	-	-	-	-	-	-	-	-	5.50
14-15-16	4.69	0.88	0.00	-	-	-	-	-	-	-	-	5.58
17-18-19	3.49	0.37	0.00	-	-	-	-	-	-	-	-	3.87
20-21-22	2.21	0.26	0.01	0.00	-	-	-	-	-	-	-	2.47
23-24-25	1.36	0.32	0.03	0.01	-	-	-	-	-	-	-	1.72
26-27-28	2.05	1.84	0.44	0.13	0.04	0.02	0.02	0.02	0.00	0.02	0.02	4.58
29-30-31	2.83	6.17	6.12	5.37	4.07	2.06	0.97	0.23	0.03	0.00	-	27.86
32-33-34	3.10	4.50	2.67	3.05	1.90	0.64	0.28	0.12	0.03	0.02	0.00	16.30
TOTAL	42.22	18.21	9.49	8.58	6.02	2.72	1.27	0.36	0.07	0.03	0.02	100.00



**CALM**  
11.01%

**VARIABLE**  
6.83%

The prevailing wind directions of 290°-340° frequency of occurrence is 44.16%.

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 60.43%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26496

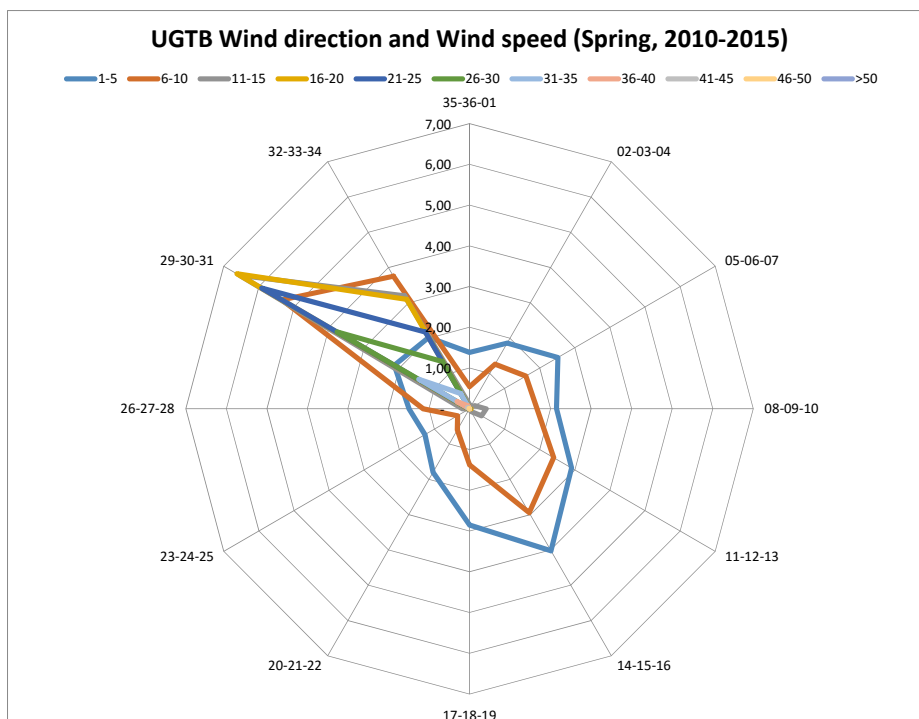
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												6.28
VARIABLE	7.43	0.24	0.01	0.00	-	-	-	-	-	-	-	7.68
35-36-01	1.38	0.54	0.10	0.02	-	0.004	-	-	-	-	-	2.04
02-03-04	1.86	1.26	0.06	0.02	-	-	-	-	-	-	-	3.20
05-06-07	2.52	1.61	0.15	0.02	0.01	-	-	-	-	-	-	4.30
08-09-10	2.15	1.66	0.41	0.04	0.01	-	-	-	-	-	-	4.27
11-12-13	2.91	2.40	0.35	0.02	-	-	-	-	-	-	-	5.67
14-15-16	4.03	2.95	0.08	-	-	-	-	-	-	-	-	7.05
17-18-19	2.85	1.38	0.01	-	-	-	-	-	-	-	-	4.24
20-21-22	1.80	0.60	0.02	-	-	-	-	-	-	-	-	2.42
23-24-25	1.27	0.34	0.01	0.01	-	-	-	-	-	-	-	1.63
26-27-28	1.49	1.14	0.17	0.04	0.03	0.01	-	-	-	-	-	2.88
29-30-31	2.14	5.34	6.55	6.63	5.92	3.77	1.45	0.36	0.06	0.02	-	32.22
32-33-34	2.02	3.75	3.20	3.10	2.17	1.34	0.43	0.08	0.01	-	-	16.12
TOTAL	33.84	23.21	11.12	9.89	8.14	5.12	1.88	0.44	0.06	0.02	-	100.00



**CALM**  
6.28%

**VARIABLE**  
7.68%

The prevailing wind directions of 290°-340° frequency of occurrence is 48.34%.

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 57.05%).

The maximum wind of 46-50 knots is observed within the 290°-310° sector (frequency of occurrence 0.02%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26496

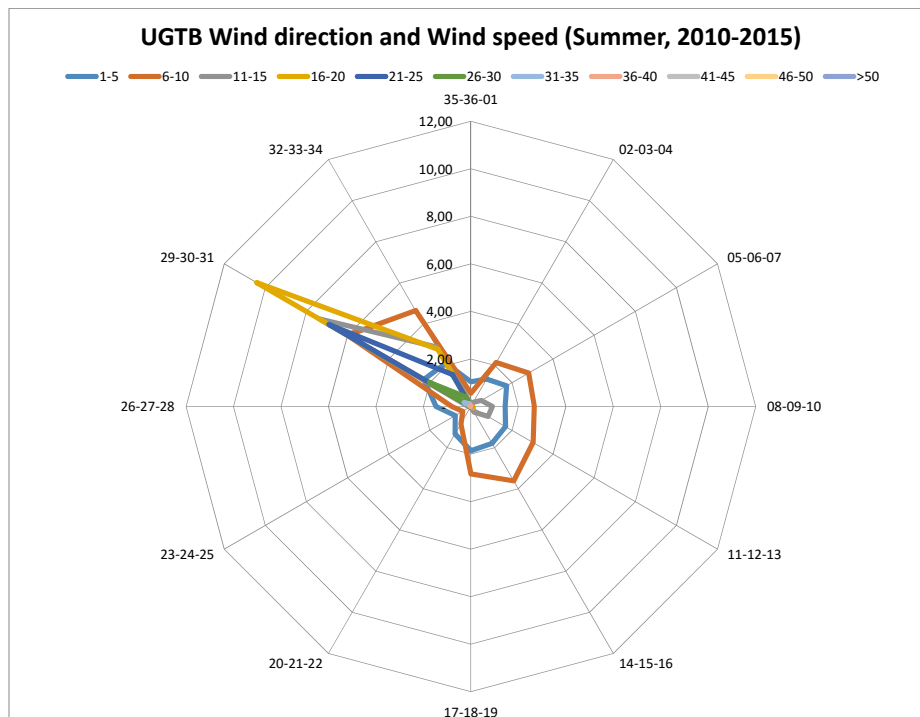
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												3.55
VARIABLE	7.77	1.06	0.05	0.01	-	0.00	-	-	-	-	-	8.90
35-36-01	1.04	0.56	0.12	0.03	0.00	-	-	-	-	-	-	1.75
02-03-04	1.33	2.13	0.21	0.05	0.01	0.00	-	-	-	-	-	3.74
05-06-07	1.74	2.81	0.51	0.01	0.01	-	-	-	-	-	-	5.08
08-09-10	1.44	2.68	0.90	0.08	0.00	-	-	-	-	-	-	5.10
11-12-13	1.69	3.02	0.84	0.12	-	-	-	-	-	-	-	5.67
14-15-16	1.79	3.62	0.28	0.01	-	-	-	-	-	-	-	5.69
17-18-19	1.86	2.83	0.06	-	-	-	-	-	-	-	-	4.75
20-21-22	1.33	0.84	0.02	0.00	-	-	-	-	-	-	-	2.20
23-24-25	0.76	0.40	0.03	0.01	-	-	-	-	-	-	-	1.20
26-27-28	1.47	0.81	0.11	0.03	0.01	-	-	-	-	-	-	2.43
29-30-31	2.28	6.00	7.37	10.42	6.91	2.02	0.33	0.03	-	-	-	35.36
32-33-34	2.10	4.66	2.89	2.77	1.55	0.48	0.12	0.02	-	-	-	14.59
TOTAL	26.61	31.43	13.38	13.55	8.49	2.50	0.45	0.05	-	-	-	100.00



**CALM**  
3.55%

**VARIABLE**  
8.90%

The prevailing wind directions of 290°-340° frequency of occurrence is 49.95%.

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 58.04);

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

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26208

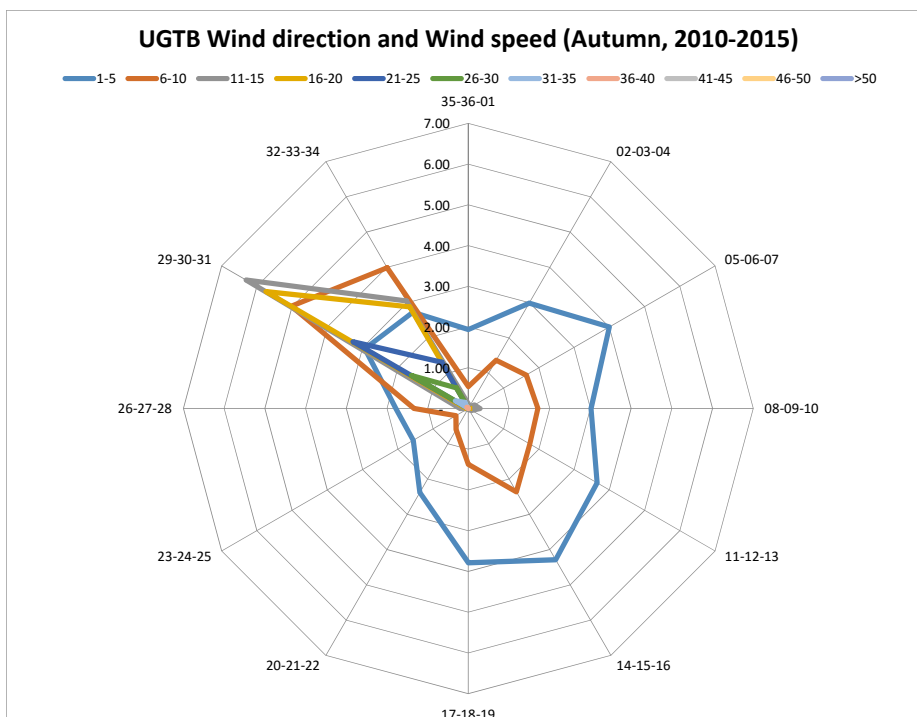
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												7.33
VARIABLE	8.87	0.27	0.00	-	-	-	-	-	-	-	-	9.14
35-36-01	1.94	0.54	0.11	0.01	-	0.00	-	-	-	-	-	2.60
02-03-04	2.99	1.37	0.04	-	-	-	-	-	-	-	-	4.39
05-06-07	4.00	1.64	0.17	-	-	-	-	-	-	-	-	5.82
08-09-10	3.02	1.71	0.29	0.01	-	-	-	-	-	-	-	5.03
11-12-13	3.65	1.74	0.10	-	-	-	-	-	-	-	-	5.49
14-15-16	4.29	2.36	0.04	-	-	-	-	-	-	-	-	6.69
17-18-19	3.79	1.37	-	-	-	-	-	-	-	-	-	5.16
20-21-22	2.38	0.60	0.02	-	-	-	-	-	-	-	-	3.00
23-24-25	1.56	0.35	0.02	-	-	-	-	-	-	-	-	1.93
26-27-28	1.78	1.33	0.20	0.05	0.00	-	-	-	-	-	-	3.37
29-30-31	2.94	5.02	6.30	5.74	3.27	1.62	0.37	0.05	-	-	-	25.31
32-33-34	2.73	3.99	3.04	2.88	1.31	0.58	0.17	0.03	-	-	-	14.73
TOTAL	43.93	22.29	10.34	8.69	4.59	2.21	0.54	0.08	-	-	-	100.00



**CALM**  
7.33%

**VARIABLE**  
9.14%

The prevailing wind directions of 290°-340° frequency of occurrence is 40.04%.

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 66.22%);

The maximum wind of 36-40 knots is observed within the 290°-310° and 320°-340° sectors (frequency of occurrence 0.08%).





## WIND GUST SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: WINTER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 25968

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

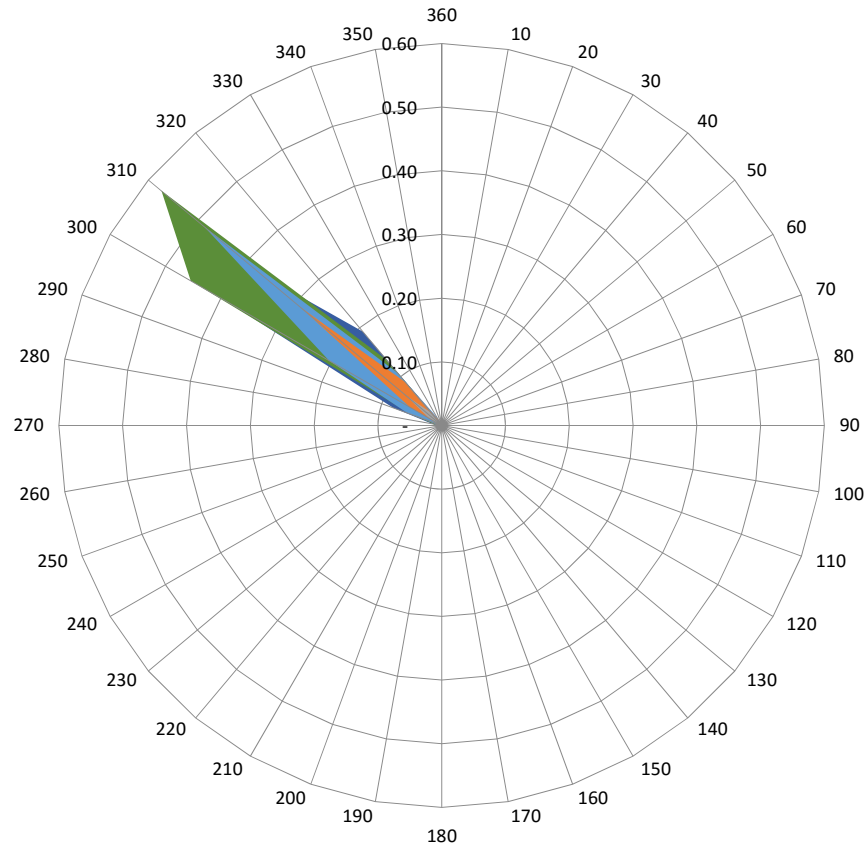
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	0.02
270	-	0.00	-	0.00	-	0.02	0.01	0.01	0.00	-	0.01	-	0.05
280	-	0.00	0.01	0.00	0.02	0.01	0.01	0.00	-	0.00	0.01	-	0.07
290	-	-	-	0.05	0.08	0.05	0.06	0.00	0.01	0.00	-	-	0.25
300	0.00	-	0.05	0.12	0.38	0.45	0.20	0.06	0.02	-	-	-	1.29
310	-	-	0.02	0.12	0.37	0.57	0.48	0.29	0.07	0.01	-	-	1.93
320	-	-	0.00	0.04	0.19	0.13	0.11	0.09	0.03	-	0.00	-	0.60
330	-	0.01	-	0.00	0.01	0.01	0.02	0.01	0.00	-	0.01	-	0.06
340	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.00	0.02	0.08	0.34	1.05	1.25	0.89	0.46	0.14	0.02	0.04	-	4.29

## UGTB Wind direction and Wind Gust speed (Winter, 2010-2015)

■ 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 – 1.55%.

The maximum wind gust speed (61-65 knots) corresponds to Violent storm and Hurricane according to “Beaufort wind force scale” (frequency of occurrence 0.04%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26496

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

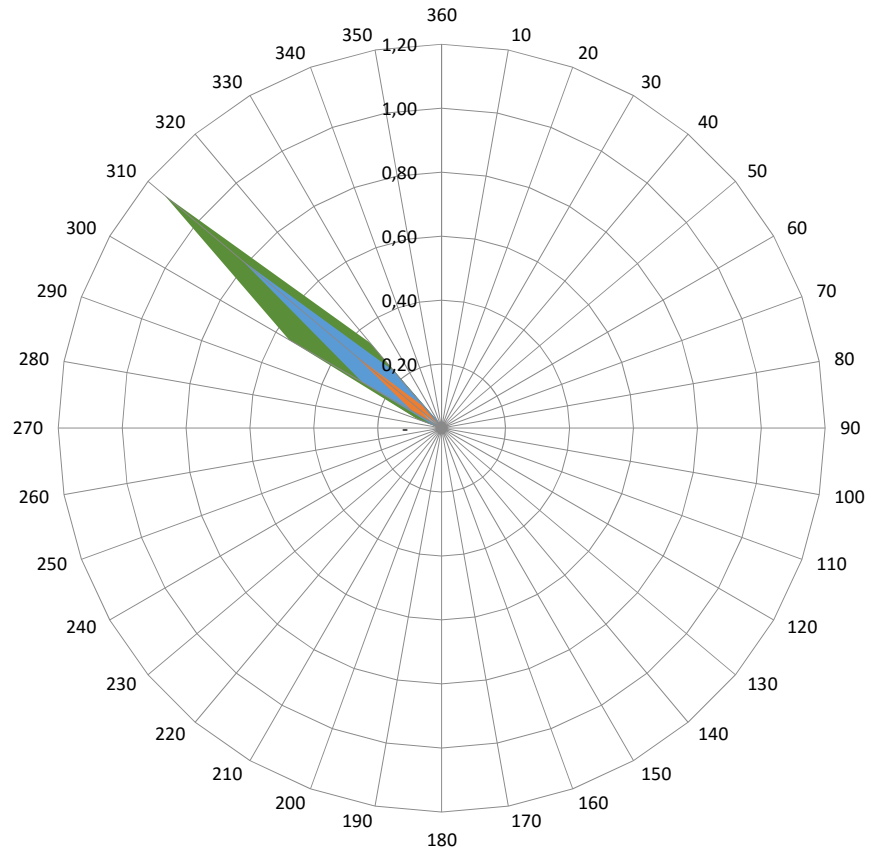
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
180	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
190	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
230	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
250	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
270	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-	0.01
280	-	-	-	0.01	0.00	0.01	0.00	-	-	-	-	-	0.02
290	-	-	0.02	0.04	0.08	0.08	0.03	0.00	0.00	-	-	-	0.25
300	-	0.00	0.08	0.12	0.39	0.55	0.29	0.11	0.04	0.00	-	-	1.58
310	-	0.00	0.04	0.18	0.62	1.13	0.82	0.35	0.09	0.02	0.01	-	3.26
320	-	0.01	0.03	0.11	0.28	0.35	0.23	0.09	0.02	0.01	-	-	1.12
330	-	-	0.02	0.01	0.03	0.02	0.02	0.00	-	-	-	-	0.11
340	-	-	-	0.02	0.00	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.00	0.03	0.20	0.50	1.41	2.15	1.39	0.55	0.15	0.03	0.01	-	6.42

## UGTB Wind direction and Wind Gust speed (Spring, 2010-2015)

■ 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 – 2.13%.

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°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26496

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

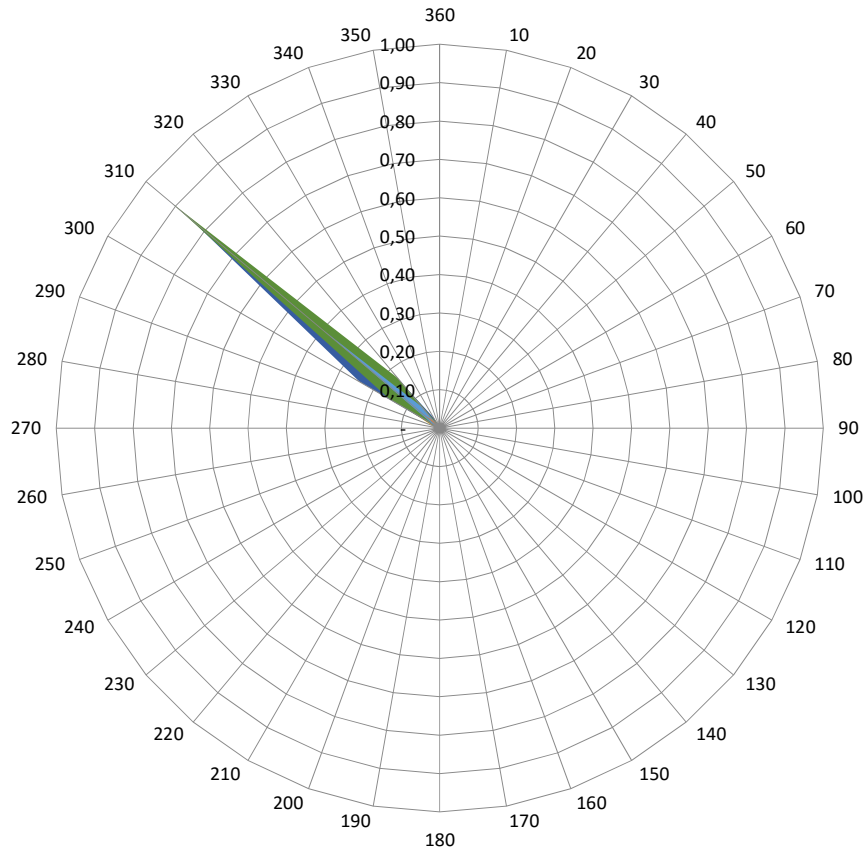
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) 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	>65	TOTAL
360	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
10	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
20	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	0.02
70	-	-	-	-	-	-	0.01	-	-	-	-	-	0.01
80	-	-	0.01	0.01	-	-	-	-	-	-	-	-	0.02
90	-	0.01	-	0.00	-	-	-	-	-	-	-	-	0.02
100	-	-	0.01	0.00	-	-	0.00	-	-	-	-	-	0.02
110	-	0.01	0.02	0.00	-	0.00	-	-	-	-	-	-	0.03
120	-	0.00	0.00	0.00	-	0.01	-	-	-	-	-	-	0.02
130	-	0.01	-	0.01	-	-	-	-	-	-	-	-	0.02
140	-	0.00	-	-	-	0.00	0.01	-	-	-	-	-	0.02
150	-	-	0.00	-	-	0.01	-	-	-	-	-	-	0.01
160	-	0.00	-	-	0.00	0.00	0.00	-	-	-	-	-	0.02
170	-	0.00	-	-	-	-	0.00	-	-	-	-	-	0.01
180	-	0.00	-	-	0.00	-	-	-	-	-	-	-	0.01
190	-	-	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	-	-	-	-	-	-	-	-	0.01
290	-	-	0.00	0.02	0.01	0.00	0.00	-	-	-	-	-	0.05
300	-	-	0.03	0.10	0.24	0.15	0.02	-	-	-	-	-	0.54
310	0.00	0.01	0.02	0.18	0.86	0.91	0.40	0.06	-	-	-	-	2.44
320	-	0.01	0.05	0.06	0.14	0.17	0.07	0.02	-	-	-	-	0.52
330	-	0.00	0.01	0.03	0.03	0.02	-	-	-	-	-	-	0.08
340	-	0.00	0.00	0.01	0.00	-	-	-	-	-	-	-	0.02
350	-	-	-	-	-	0.00	-	-	-	-	-	-	0.00
TOTAL	0.00	0.07	0.18	0.45	1.31	1.29	0.54	0.09	-	-	-	-	3.94

## UGTB Wind direction and Wind Gust speed (Summer, 2010-2015)

■ 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 – 0.63%.

The maximum wind speed (46-50 knots) corresponds to Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.09%).

The directions of maximum wind gusts are 040°, 050°, 310° and 320°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGTB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26208

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

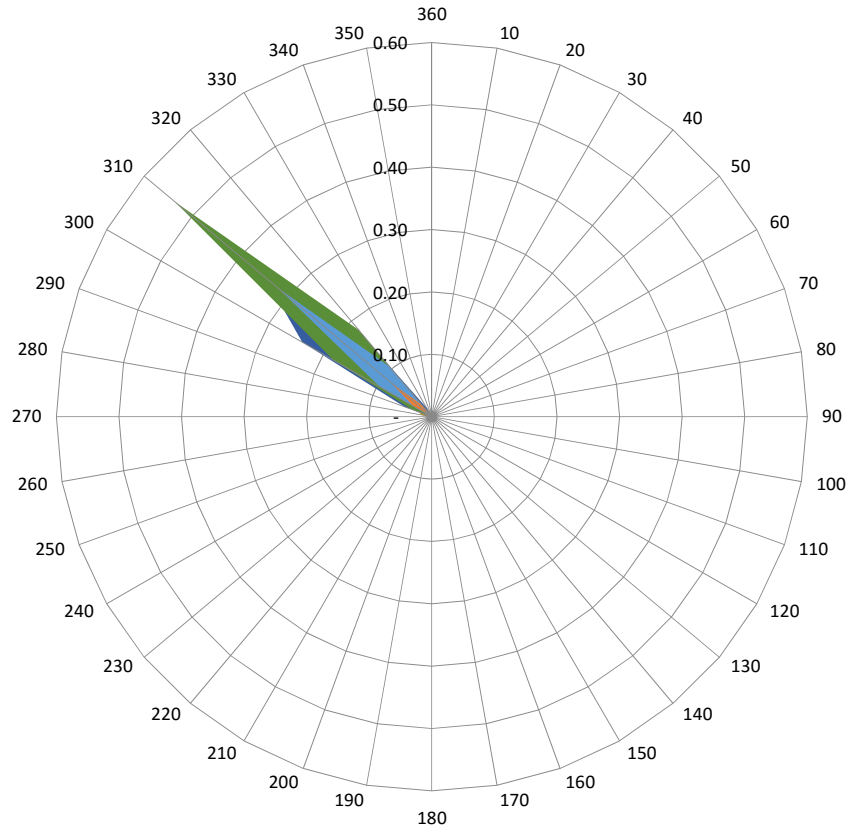
LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES													
WIND DIRECTION	WIND GUST SPEED (KT)												TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	
360	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	0.02	0.00	-	-	-	-	-	-	-	0.02
290	-	0.00	0.01	0.02	0.05	0.03	0.00	-	-	-	-	-	0.12
300	-	0.00	0.00	0.13	0.24	0.18	0.10	0.03	0.01	-	-	-	0.69
310	-	-	0.04	0.13	0.35	0.54	0.32	0.08	0.02	0.01	-	-	1.48
320	-	-	0.02	0.07	0.12	0.18	0.10	0.02	-	-	-	-	0.52
330	-	-	-	0.01	0.02	-	-	-	-	-	-	-	0.02
340	-	0.00	-	-	-	-	-	-	-	-	-	-	0.00
350	-	-	0.00	-	-	-	-	-	-	-	-	-	0.00
TOTAL	-	0.02	0.09	0.38	0.78	0.94	0.52	0.14	0.02	0.01	-	-	2.90

## UGTB Wind direction and Wind Gust speed (Autumn, 2010-2015)

■ 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 – 0.69%.

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  $310^\circ$ .



## TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

SEASON: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

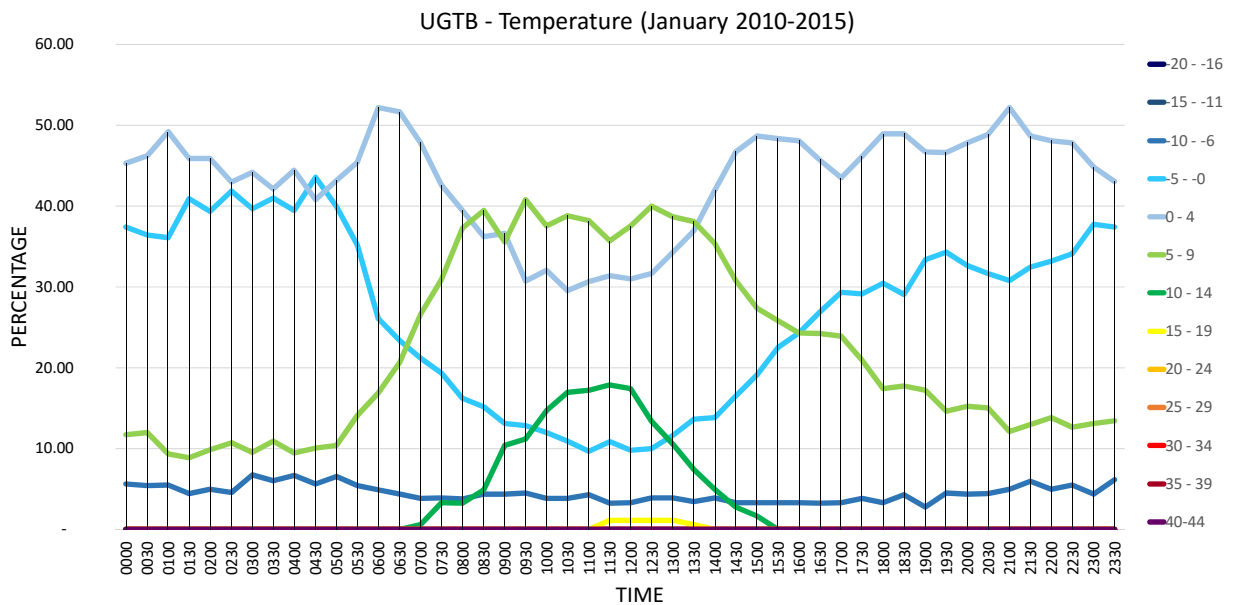
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	5.59	37.43	45.25	11.73	-	-	-	-	-	-	-
0030	-	-	5.43	36.41	46.20	11.96	-	-	-	-	-	-	-
0100	-	-	5.46	36.07	49.18	9.29	-	-	-	-	-	-	-
0130	-	-	4.42	40.88	45.86	8.84	-	-	-	-	-	-	-
0200	-	-	4.92	39.34	45.90	9.84	-	-	-	-	-	-	-
0230	-	-	4.52	41.81	42.94	10.73	-	-	-	-	-	-	-
0300	-	-	6.70	39.66	44.13	9.50	-	-	-	-	-	-	-
0330	-	-	6.01	40.98	42.08	10.93	-	-	-	-	-	-	-
0400	-	-	6.67	39.44	44.44	9.44	-	-	-	-	-	-	-
0430	-	-	5.59	43.58	40.78	10.06	-	-	-	-	-	-	-
0500	-	-	6.56	39.89	43.17	10.38	-	-	-	-	-	-	-
0530	-	-	5.41	35.14	45.41	14.05	-	-	-	-	-	-	-
0600	-	-	4.89	26.09	52.17	16.85	-	-	-	-	-	-	-
0630	-	-	4.35	23.37	51.63	20.65	-	-	-	-	-	-	-
0700	-	-	3.80	21.20	47.83	26.63	0.54	-	-	-	-	-	-
0730	-	-	3.87	19.34	42.54	30.94	3.31	-	-	-	-	-	-
0800	-	-	3.78	16.22	39.46	37.30	3.24	-	-	-	-	-	-
0830	-	-	4.32	15.14	36.22	39.46	4.86	-	-	-	-	-	-
0900	-	-	4.37	13.11	36.61	35.52	10.38	-	-	-	-	-	-
0930	-	-	4.47	12.85	30.73	40.78	11.17	-	-	-	-	-	-
1000	-	-	3.80	11.96	32.07	37.50	14.67	-	-	-	-	-	-
1030	-	-	3.83	10.93	29.51	38.80	16.94	-	-	-	-	-	-
1100	-	-	4.30	9.68	30.65	38.17	17.20	-	-	-	-	-	-
1130	-	-	3.24	10.81	31.35	35.68	17.84	1.08	-	-	-	-	-
1200	-	-	3.26	9.78	30.98	37.50	17.39	1.09	-	-	-	-	-
1230	-	-	3.89	10.00	31.67	40.00	13.33	1.11	-	-	-	-	-
1300	-	-	3.87	11.60	34.25	38.67	10.50	1.10	-	-	-	-	-
1330	-	-	3.41	13.64	36.93	38.07	7.39	0.57	-	-	-	-	-
1400	-	-	3.87	13.81	41.99	35.36	4.97	-	-	-	-	-	-
1430	-	-	3.30	16.48	46.70	30.77	2.75	-	-	-	-	-	-
1500	-	-	3.28	19.13	48.63	27.32	1.64	-	-	-	-	-	-
1530	-	-	3.30	22.53	48.35	25.82	-	-	-	-	-	-	-
1600	-	-	3.31	24.31	48.07	24.31	-	-	-	-	-	-	-
1630	-	-	3.23	26.88	45.70	24.19	-	-	-	-	-	-	-
1700	-	-	3.26	29.35	43.48	23.91	-	-	-	-	-	-	-
1730	-	-	3.85	29.12	46.15	20.88	-	-	-	-	-	-	-
1800	-	-	3.26	30.43	48.91	17.39	-	-	-	-	-	-	-

FREQUENCIES (PER CENT) 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	-	-	4.30	29.03	48.92	17.74	-	-	-	-	-	-	-
1900	-	-	2.78	33.33	46.67	17.22	-	-	-	-	-	-	-
1930	-	-	4.49	34.27	46.63	14.61	-	-	-	-	-	-	-
2000	-	-	4.35	32.61	47.83	15.22	-	-	-	-	-	-	-
2030	-	-	4.44	31.67	48.89	15.00	-	-	-	-	-	-	-
2100	-	-	4.95	30.77	52.20	12.09	-	-	-	-	-	-	-
2130	-	-	5.95	32.43	48.65	12.97	-	-	-	-	-	-	-
2200	-	-	4.97	33.15	48.07	13.81	-	-	-	-	-	-	-
2230	-	-	5.49	34.07	47.80	12.64	-	-	-	-	-	-	-
2300	-	-	4.37	37.70	44.81	13.11	-	-	-	-	-	-	-
2330	-	-	6.15	37.43	43.02	13.41	-	-	-	-	-	-	-
MEAN	-	-	4.45	26.74	43.16	22.25	3.30	0.10	-	-	-	-	-

Min temperature -10° to -6° (time 0300 UTC) – 6.70%

Max temperature 15° to 19° (time 1230 UTC) – 1.11%

Mean dominating temperature 0° to 4° – 43.16%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

SEASON: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

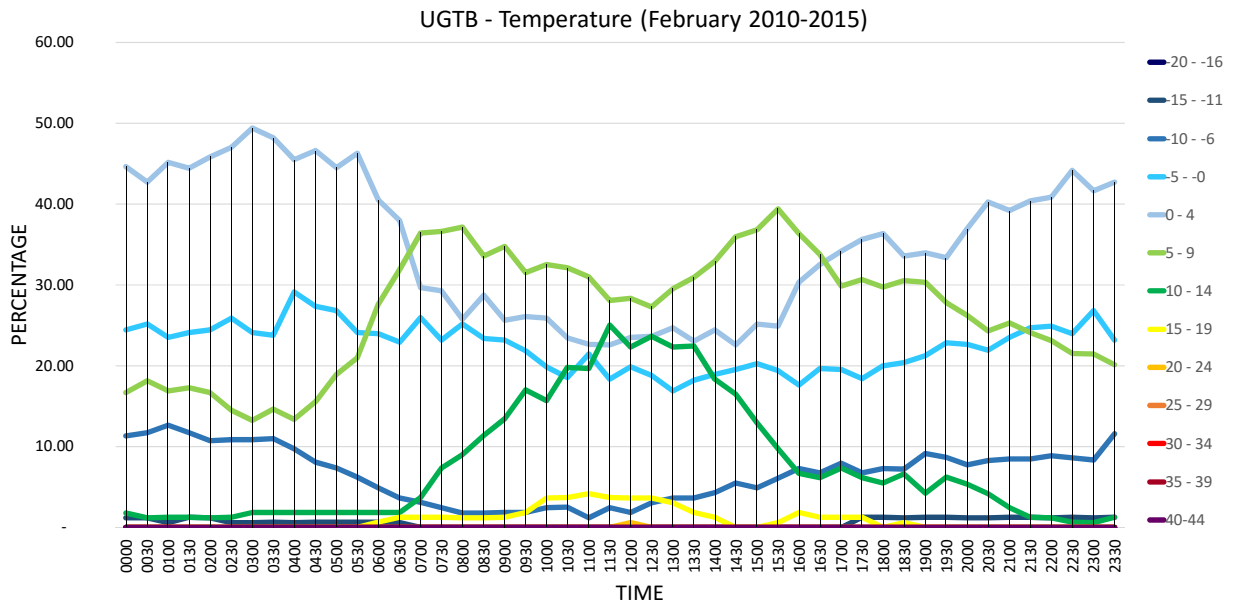
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	1.19	11.31	24.40	44.64	16.67	1.79	-	-	-	-	-	-	
0030	-	1.17	11.70	25.15	42.69	18.13	1.17	-	-	-	-	-	-	
0100	-	0.60	12.65	23.49	45.18	16.87	1.20	-	-	-	-	-	-	
0130	-	1.23	11.73	24.07	44.44	17.28	1.23	-	-	-	-	-	-	
0200	-	1.19	10.71	24.40	45.83	16.67	1.19	-	-	-	-	-	-	
0230	-	0.60	10.84	25.90	46.99	14.46	1.20	-	-	-	-	-	-	
0300	-	0.60	10.84	24.10	49.40	13.25	1.81	-	-	-	-	-	-	
0330	-	0.61	10.98	23.78	48.17	14.63	1.83	-	-	-	-	-	-	
0400	-	0.61	9.70	29.09	45.45	13.33	1.82	-	-	-	-	-	-	
0430	-	0.62	8.07	27.33	46.58	15.53	1.86	-	-	-	-	-	-	
0500	-	0.61	7.32	26.83	44.51	18.90	1.83	-	-	-	-	-	-	
0530	-	0.62	6.17	24.07	46.30	20.99	1.85	-	-	-	-	-	-	
0600	-	0.61	4.91	23.93	40.49	27.61	1.84	0.61	-	-	-	-	-	
0630	-	0.60	3.61	22.89	37.95	31.93	1.81	1.20	-	-	-	-	-	
0700	-	-	3.09	25.93	29.63	36.42	3.70	1.23	-	-	-	-	-	
0730	-	-	2.44	23.17	29.27	36.59	7.32	1.22	-	-	-	-	-	
0800	-	-	1.80	25.15	25.75	37.13	8.98	1.20	-	-	-	-	-	
0830	-	-	1.80	23.35	28.74	33.53	11.38	1.20	-	-	-	-	-	
0900	-	-	1.83	23.17	25.61	34.76	13.41	1.22	-	-	-	-	-	
0930	-	-	1.82	21.82	26.06	31.52	16.97	1.82	-	-	-	-	-	
1000	-	-	2.41	19.88	25.90	32.53	15.66	3.61	-	-	-	-	-	
1030	-	-	2.47	18.52	23.46	32.10	19.75	3.70	-	-	-	-	-	
1100	-	-	1.19	21.43	22.62	30.95	19.64	4.17	-	-	-	-	-	
1130	-	-	2.44	18.29	22.56	28.05	25.00	3.66	-	-	-	-	-	
1200	-	-	1.81	19.88	23.49	28.31	22.29	3.61	0.60	-	-	-	-	
1230	-	-	3.03	18.79	23.64	27.27	23.64	3.64	-	-	-	-	-	
1300	-	-	3.61	16.87	24.70	29.52	22.29	3.01	-	-	-	-	-	
1330	-	-	3.64	18.18	23.03	30.91	22.42	1.82	-	-	-	-	-	
1400	-	-	4.27	18.90	24.39	32.93	18.29	1.22	-	-	-	-	-	
1430	-	-	5.49	19.51	22.56	35.98	16.46	-	-	-	-	-	-	
1500	-	-	4.91	20.25	25.15	36.81	12.88	-	-	-	-	-	-	
1530	-	-	6.06	19.39	24.85	39.39	9.70	0.61	-	-	-	-	-	
1600	-	-	7.27	17.58	30.30	36.36	6.67	1.82	-	-	-	-	-	
1630	-	-	6.75	19.63	32.52	33.74	6.13	1.23	-	-	-	-	-	
1700	-	-	7.93	19.51	34.15	29.88	7.32	1.22	-	-	-	-	-	
1730	-	1.23	6.75	18.40	35.58	30.67	6.13	1.23	-	-	-	-	-	
1800	-	1.21	7.27	20.00	36.36	29.70	5.45	-	-	-	-	-	-	

FREQUENCIES (PER CENT) 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	-	1.20	7.19	20.36	33.53	30.54	6.59	0.60	-	-	-	-	-
1900	-	1.21	9.09	21.21	33.94	30.30	4.24	-	-	-	-	-	-
1930	-	1.23	8.64	22.84	33.33	27.78	6.17	-	-	-	-	-	-
2000	-	1.19	7.74	22.62	36.90	26.19	5.36	-	-	-	-	-	-
2030	-	1.18	8.28	21.89	40.24	24.26	4.14	-	-	-	-	-	-
2100	-	1.20	8.43	23.49	39.16	25.30	2.41	-	-	-	-	-	-
2130	-	1.20	8.43	24.70	40.36	24.10	1.20	-	-	-	-	-	-
2200	-	1.18	8.88	24.85	40.83	23.08	1.18	-	-	-	-	-	-
2230	-	1.23	8.59	23.93	44.17	21.47	0.61	-	-	-	-	-	-
2300	-	1.19	8.33	26.79	41.67	21.43	0.60	-	-	-	-	-	-
2330	-	1.22	11.59	23.17	42.68	20.12	1.22	-	-	-	-	-	-
MEAN	-	0.55	6.58	22.35	34.91	26.79	7.87	0.93	0.01	-	-	-	-

Min temperature -15° to -11° (time 0130, 1730, 1930 and 2230UTC) – each 1.23%

Max temperature 20° to 24° (time 1200 UTC) – 0.60%

Mean dominating temperature 0° to 4° – 34.91%





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

SEASON: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

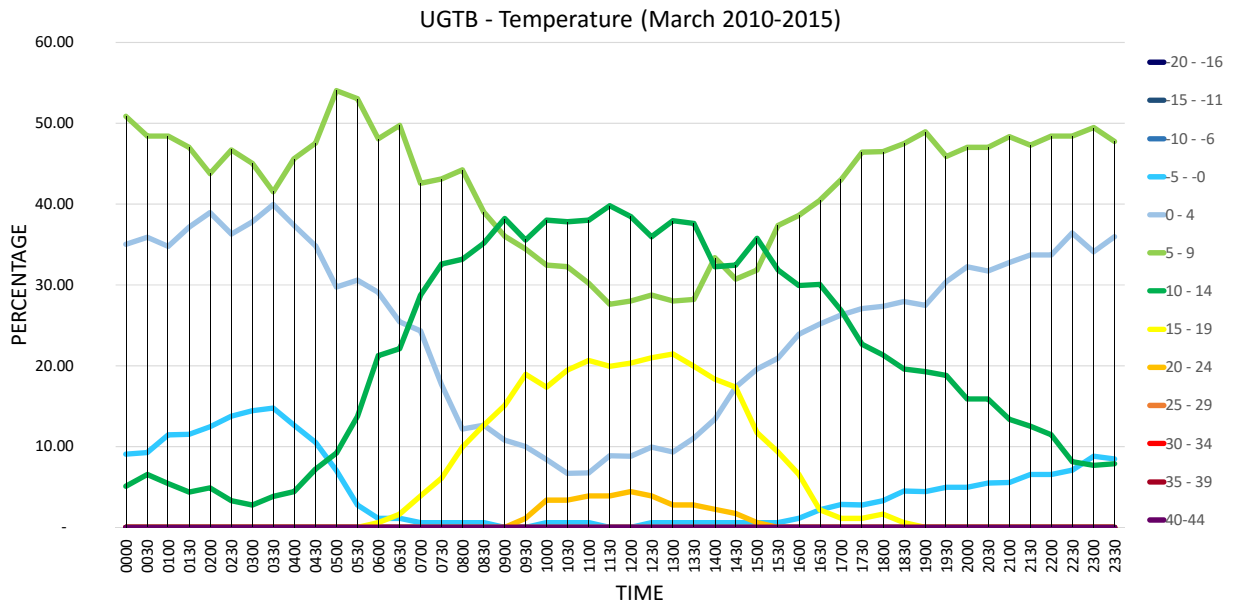
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	9.04	35.03	50.85	5.08	-	-	-	-	-	-	
0030	-	-	-	9.24	35.87	48.37	6.52	-	-	-	-	-	-	
0100	-	-	-	11.41	34.78	48.37	5.43	-	-	-	-	-	-	
0130	-	-	-	11.48	37.16	46.99	4.37	-	-	-	-	-	-	
0200	-	-	-	12.43	38.92	43.78	4.86	-	-	-	-	-	-	
0230	-	-	-	13.74	36.26	46.70	3.30	-	-	-	-	-	-	
0300	-	-	-	14.44	37.78	45.00	2.78	-	-	-	-	-	-	
0330	-	-	-	14.75	39.89	41.53	3.83	-	-	-	-	-	-	
0400	-	-	-	12.64	37.36	45.60	4.40	-	-	-	-	-	-	
0430	-	-	-	10.50	34.81	47.51	7.18	-	-	-	-	-	-	
0500	-	-	-	7.03	29.73	54.05	9.19	-	-	-	-	-	-	
0530	-	-	-	2.73	30.60	53.01	13.66	-	-	-	-	-	-	
0600	-	-	-	1.12	29.05	48.04	21.23	0.56	-	-	-	-	-	
0630	-	-	-	1.10	25.41	49.72	22.10	1.66	-	-	-	-	-	
0700	-	-	-	0.55	24.31	42.54	28.73	3.87	-	-	-	-	-	
0730	-	-	-	0.55	17.68	43.09	32.60	6.08	-	-	-	-	-	
0800	-	-	-	0.55	12.15	44.20	33.15	9.94	-	-	-	-	-	
0830	-	-	-	0.55	12.64	39.01	35.16	12.64	-	-	-	-	-	
0900	-	-	-	-	10.75	36.02	38.17	15.05	-	-	-	-	-	
0930	-	-	-	-	10.00	34.44	35.56	18.89	1.11	-	-	-	-	
1000	-	-	-	0.56	8.38	32.40	37.99	17.32	3.35	-	-	-	-	
1030	-	-	-	0.56	6.67	32.22	37.78	19.44	3.33	-	-	-	-	
1100	-	-	-	0.56	6.70	30.17	37.99	20.67	3.91	-	-	-	-	
1130	-	-	-	-	8.84	27.62	39.78	19.89	3.87	-	-	-	-	
1200	-	-	-	-	8.79	28.02	38.46	20.33	4.40	-	-	-	-	
1230	-	-	-	0.55	9.94	28.73	35.91	20.99	3.87	-	-	-	-	
1300	-	-	-	0.55	9.34	28.02	37.91	21.43	2.75	-	-	-	-	
1330	-	-	-	0.55	11.05	28.18	37.57	19.89	2.76	-	-	-	-	
1400	-	-	-	0.56	13.33	33.33	32.22	18.33	2.22	-	-	-	-	
1430	-	-	-	0.56	17.32	30.73	32.40	17.32	1.68	-	-	-	-	
1500	-	-	-	0.56	19.55	31.84	35.75	11.73	0.56	-	-	-	-	
1530	-	-	-	0.55	20.88	37.36	31.87	9.34	-	-	-	-	-	
1600	-	-	-	1.09	23.91	38.59	29.89	6.52	-	-	-	-	-	
1630	-	-	-	2.19	25.14	40.44	30.05	2.19	-	-	-	-	-	
1700	-	-	-	2.79	26.26	43.02	26.82	1.12	-	-	-	-	-	
1730	-	-	-	2.76	27.07	46.41	22.65	1.10	-	-	-	-	-	
1800	-	-	-	3.28	27.32	46.45	21.31	1.64	-	-	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	4.47	27.93	47.49	19.55	0.56	-	-	-	-	-
1900	-	-	-	4.40	27.47	48.90	19.23	-	-	-	-	-	-
1930	-	-	-	4.97	30.39	45.86	18.78	-	-	-	-	-	-
2000	-	-	-	4.92	32.24	46.99	15.85	-	-	-	-	-	-
2030	-	-	-	5.46	31.69	46.99	15.85	-	-	-	-	-	-
2100	-	-	-	5.56	32.78	48.33	13.33	-	-	-	-	-	-
2130	-	-	-	6.52	33.70	47.28	12.50	-	-	-	-	-	-
2200	-	-	-	6.52	33.70	48.37	11.41	-	-	-	-	-	-
2230	-	-	-	7.07	36.41	48.37	8.15	-	-	-	-	-	-
2300	-	-	-	8.79	34.07	49.45	7.69	-	-	-	-	-	-
2330	-	-	-	8.43	35.96	47.75	7.87	-	-	-	-	-	-
MEAN	-	-	-	4.55	24.94	42.05	21.54	6.22	0.70	-	-	-	-

Min temperature -5° to -0° (time 0330 UTC) – 14.75%

Max temperature 20° to 24° (time 1200 UTC) – 4.40%

Mean dominating temperature 5° to 9° – 42.05%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

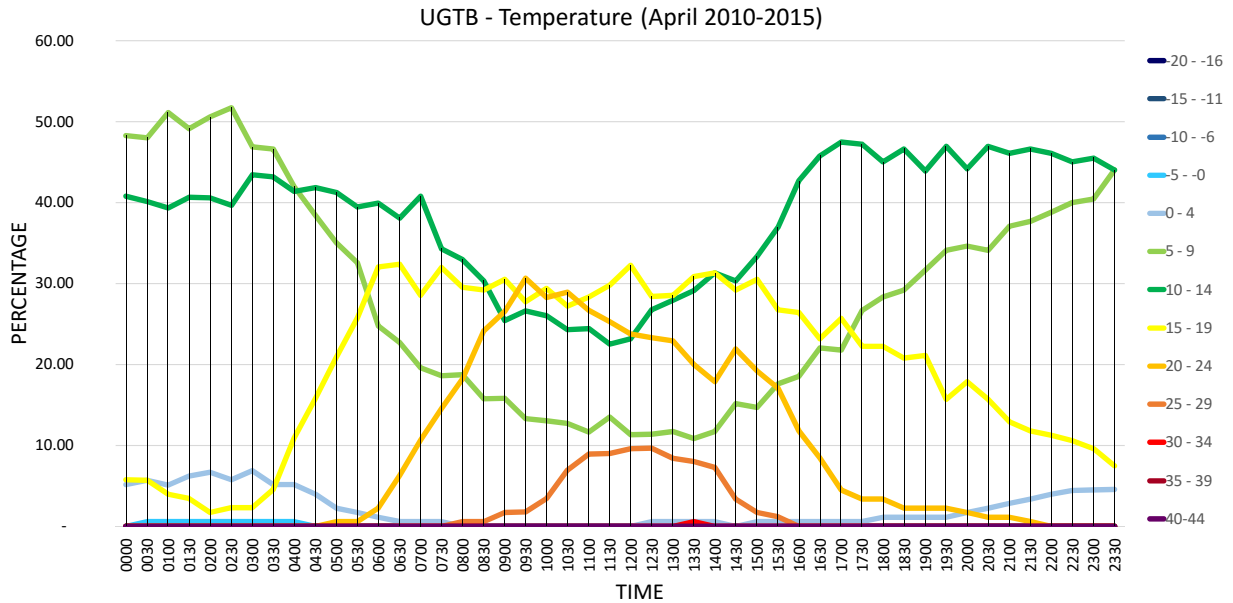
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	5.17	48.28	40.80	5.75	-	-	-	-	-	
0030	-	-	-	0.56	5.65	48.02	40.11	5.65	-	-	-	-	-	
0100	-	-	-	0.56	5.06	51.12	39.33	3.93	-	-	-	-	-	
0130	-	-	-	0.56	6.21	49.15	40.68	3.39	-	-	-	-	-	
0200	-	-	-	0.56	6.67	50.56	40.56	1.67	-	-	-	-	-	
0230	-	-	-	0.57	5.75	51.72	39.66	2.30	-	-	-	-	-	
0300	-	-	-	0.57	6.86	46.86	43.43	2.29	-	-	-	-	-	
0330	-	-	-	0.57	5.11	46.59	43.18	4.55	-	-	-	-	-	
0400	-	-	-	0.57	5.17	41.95	41.38	10.92	-	-	-	-	-	
0430	-	-	-	-	3.95	38.42	41.81	15.82	-	-	-	-	-	
0500	-	-	-	-	2.26	35.03	41.24	20.90	0.56	-	-	-	-	
0530	-	-	-	-	1.71	32.57	39.43	25.71	0.57	-	-	-	-	
0600	-	-	-	-	1.12	24.72	39.89	32.02	2.25	-	-	-	-	
0630	-	-	-	-	0.57	22.73	38.07	32.39	6.25	-	-	-	-	
0700	-	-	-	-	0.56	19.55	40.78	28.49	10.61	-	-	-	-	
0730	-	-	-	-	0.58	18.60	34.30	31.98	14.53	-	-	-	-	
0800	-	-	-	-	-	18.75	32.95	29.55	18.18	0.57	-	-	-	
0830	-	-	-	-	-	15.73	30.34	29.21	24.16	0.56	-	-	-	
0900	-	-	-	-	-	15.82	25.42	30.51	26.55	1.69	-	-	-	
0930	-	-	-	-	-	13.29	26.59	27.75	30.64	1.73	-	-	-	
1000	-	-	-	-	-	12.99	25.99	29.38	28.25	3.39	-	-	-	
1030	-	-	-	-	-	12.72	24.28	27.17	28.90	6.94	-	-	-	
1100	-	-	-	-	-	11.67	24.44	28.33	26.67	8.89	-	-	-	
1130	-	-	-	-	-	13.48	22.47	29.78	25.28	8.99	-	-	-	
1200	-	-	-	-	-	11.30	23.16	32.20	23.73	9.60	-	-	-	
1230	-	-	-	-	0.57	11.36	26.70	28.41	23.30	9.66	-	-	-	
1300	-	-	-	-	0.56	11.73	27.93	28.49	22.91	8.38	-	-	-	
1330	-	-	-	-	0.57	10.86	29.14	30.86	20.00	8.00	0.57	-	-	
1400	-	-	-	-	0.56	11.73	31.28	31.28	17.88	7.26	-	-	-	
1430	-	-	-	-	-	15.17	30.34	29.21	21.91	3.37	-	-	-	
1500	-	-	-	-	0.56	14.69	33.33	30.51	19.21	1.69	-	-	-	
1530	-	-	-	-	0.57	17.61	36.93	26.70	17.05	1.14	-	-	-	
1600	-	-	-	-	0.56	18.54	42.70	26.40	11.80	-	-	-	-	
1630	-	-	-	-	0.56	22.03	45.76	23.16	8.47	-	-	-	-	
1700	-	-	-	-	0.56	21.79	47.49	25.70	4.47	-	-	-	-	
1730	-	-	-	-	0.56	26.67	47.22	22.22	3.33	-	-	-	-	
1800	-	-	-	-	1.11	28.33	45.00	22.22	3.33	-	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	-	1.12	29.21	46.63	20.79	2.25	-	-	-	-	
1900	-	-	-	-	1.11	31.67	43.89	21.11	2.22	-	-	-	-	
1930	-	-	-	-	1.12	34.08	46.93	15.64	2.23	-	-	-	-	
2000	-	-	-	-	1.68	34.64	44.13	17.88	1.68	-	-	-	-	
2030	-	-	-	-	2.23	34.08	46.93	15.64	1.12	-	-	-	-	
2100	-	-	-	-	2.81	37.08	46.07	12.92	1.12	-	-	-	-	
2130	-	-	-	-	3.37	37.64	46.63	11.80	0.56	-	-	-	-	
2200	-	-	-	-	3.93	38.76	46.07	11.24	-	-	-	-	-	
2230	-	-	-	-	4.44	40.00	45.00	10.56	-	-	-	-	-	
2300	-	-	-	-	4.49	40.45	45.51	9.55	-	-	-	-	-	
2330	-	-	-	-	4.57	44.00	44.00	7.43	-	-	-	-	-	
MEAN	-	-	-	0.09	2.08	28.41	38.04	20.24	9.42	1.71	0.01	-	-	

Min temperature -5° to -0° (time 0230, 0300, 0330 and 0400 UTC) – each 0.57%

Max temperature 30° to 34° (time 1330 UTC) – 0.57%

Mean dominating temperature 10° to 14° – 38.04%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

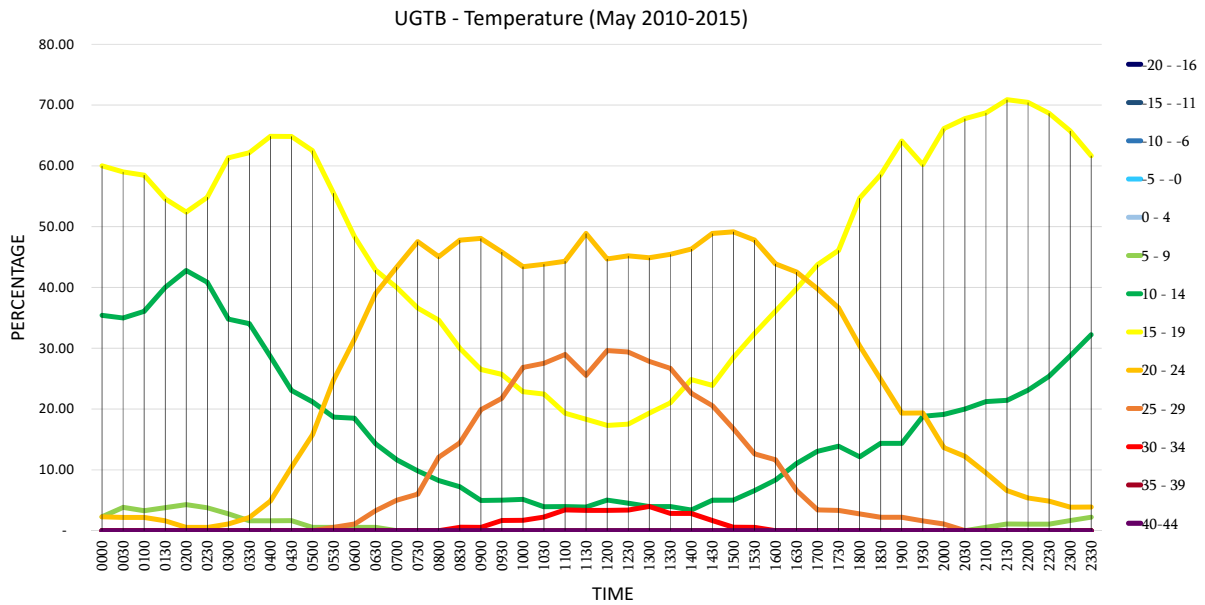
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	2.29	35.43	60.00	2.29	-	-	-	-	
0030	-	-	-	-	-	3.83	34.97	59.02	2.19	-	-	-	-	
0100	-	-	-	-	-	3.28	36.07	58.47	2.19	-	-	-	-	
0130	-	-	-	-	-	3.78	40.00	54.59	1.62	-	-	-	-	
0200	-	-	-	-	-	4.28	42.78	52.41	0.53	-	-	-	-	
0230	-	-	-	-	-	3.76	40.86	54.84	0.54	-	-	-	-	
0300	-	-	-	-	-	2.76	34.81	61.33	1.10	-	-	-	-	
0330	-	-	-	-	-	1.62	34.05	62.16	2.16	-	-	-	-	
0400	-	-	-	-	-	1.62	28.65	64.86	4.86	-	-	-	-	
0430	-	-	-	-	-	1.65	23.08	64.84	10.44	-	-	-	-	
0500	-	-	-	-	-	0.54	21.20	62.50	15.76	-	-	-	-	
0530	-	-	-	-	-	0.55	18.68	55.49	24.73	0.55	-	-	-	
0600	-	-	-	-	-	0.54	18.48	48.37	31.52	1.09	-	-	-	
0630	-	-	-	-	-	0.55	14.29	42.86	39.01	3.30	-	-	-	
0700	-	-	-	-	-	-	11.67	40.00	43.33	5.00	-	-	-	
0730	-	-	-	-	-	-	9.84	36.61	47.54	6.01	-	-	-	
0800	-	-	-	-	-	-	8.24	34.62	45.05	12.09	-	-	-	
0830	-	-	-	-	-	-	7.22	30.00	47.78	14.44	0.56	-	-	
0900	-	-	-	-	-	-	4.97	26.52	48.07	19.89	0.55	-	-	
0930	-	-	-	-	-	-	5.03	25.70	45.81	21.79	1.68	-	-	
1000	-	-	-	-	-	-	5.14	22.86	43.43	26.86	1.71	-	-	
1030	-	-	-	-	-	-	3.93	22.47	43.82	27.53	2.25	-	-	
1100	-	-	-	-	-	-	3.98	19.32	44.32	28.98	3.41	-	-	
1130	-	-	-	-	-	-	3.89	18.33	48.89	25.56	3.33	-	-	
1200	-	-	-	-	-	-	5.03	17.32	44.69	29.61	3.35	-	-	
1230	-	-	-	-	-	-	4.52	17.51	45.20	29.38	3.39	-	-	
1300	-	-	-	-	-	-	3.98	19.32	44.89	27.84	3.98	-	-	
1330	-	-	-	-	-	-	3.98	21.02	45.45	26.70	2.84	-	-	
1400	-	-	-	-	-	-	3.39	24.86	46.33	22.60	2.82	-	-	
1430	-	-	-	-	-	-	5.00	23.89	48.89	20.56	1.67	-	-	
1500	-	-	-	-	-	-	5.03	28.49	49.16	16.76	0.56	-	-	
1530	-	-	-	-	-	-	6.59	32.42	47.80	12.64	0.55	-	-	
1600	-	-	-	-	-	-	8.33	36.11	43.89	11.67	-	-	-	
1630	-	-	-	-	-	-	11.05	39.78	42.54	6.63	-	-	-	
1700	-	-	-	-	-	-	13.07	43.75	39.77	3.41	-	-	-	
1730	-	-	-	-	-	-	13.89	46.11	36.67	3.33	-	-	-	
1800	-	-	-	-	-	-	12.15	54.70	30.39	2.76	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	14.36	58.56	24.86	2.21	-	-	-
1900	-	-	-	-	-	-	14.36	64.09	19.34	2.21	-	-	-
1930	-	-	-	-	-	-	18.82	60.22	19.35	1.61	-	-	-
2000	-	-	-	-	-	-	19.13	66.12	13.66	1.09	-	-	-
2030	-	-	-	-	-	-	20.00	67.78	12.22	-	-	-	-
2100	-	-	-	-	-	0.56	21.23	68.72	9.50	-	-	-	-
2130	-	-	-	-	-	1.10	21.43	70.88	6.59	-	-	-	-
2200	-	-	-	-	-	1.08	23.12	70.43	5.38	-	-	-	-
2230	-	-	-	-	-	1.08	25.41	68.65	4.86	-	-	-	-
2300	-	-	-	-	-	1.66	28.73	65.75	3.87	-	-	-	-
2330	-	-	-	-	-	2.22	32.22	61.67	3.89	-	-	-	-
MEAN	-	-	-	-	-	0.82	17.25	46.14	26.62	8.51	0.67	-	-

Min temperature 5° to 9° (time 0200 UTC) – 4.28%

Max temperature 30° to 34° (time 1300 UTC) – 3.98%

Mean dominating temperature 15° to 19° – 46.14%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

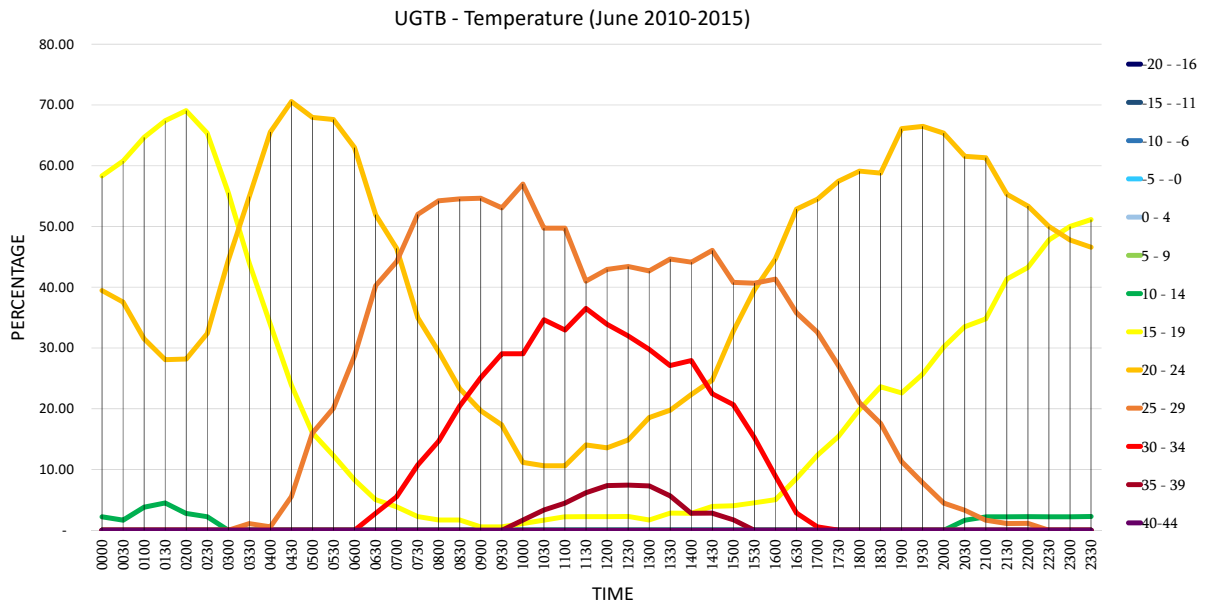
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	-	2.22	58.33	39.44	-	-	-	-	
0030	-	-	-	-	-	-	1.66	60.77	37.57	-	-	-	-	
0100	-	-	-	-	-	-	3.80	64.67	31.52	-	-	-	-	
0130	-	-	-	-	-	-	4.49	67.42	28.09	-	-	-	-	
0200	-	-	-	-	-	-	2.76	69.06	28.18	-	-	-	-	
0230	-	-	-	-	-	-	2.23	65.36	32.40	-	-	-	-	
0300	-	-	-	-	-	-	-	55.56	44.44	-	-	-	-	
0330	-	-	-	-	-	-	-	43.96	54.95	1.10	-	-	-	
0400	-	-	-	-	-	-	-	33.89	65.56	0.56	-	-	-	
0430	-	-	-	-	-	-	-	23.89	70.56	5.56	-	-	-	
0500	-	-	-	-	-	-	-	16.02	67.96	16.02	-	-	-	
0530	-	-	-	-	-	-	-	12.29	67.60	20.11	-	-	-	
0600	-	-	-	-	-	-	-	8.29	62.98	28.73	-	-	-	
0630	-	-	-	-	-	-	-	5.03	51.96	40.22	2.79	-	-	
0700	-	-	-	-	-	-	-	3.87	46.41	44.20	5.52	-	-	
0730	-	-	-	-	-	-	-	2.26	35.03	51.98	10.73	-	-	
0800	-	-	-	-	-	-	-	1.69	29.38	54.24	14.69	-	-	
0830	-	-	-	-	-	-	-	1.70	23.30	54.55	20.45	-	-	
0900	-	-	-	-	-	-	-	0.55	19.67	54.64	25.14	-	-	
0930	-	-	-	-	-	-	-	0.56	17.32	53.07	29.05	-	-	
1000	-	-	-	-	-	-	-	1.12	11.17	56.98	29.05	1.68	-	
1030	-	-	-	-	-	-	-	1.68	10.61	49.72	34.64	3.35	-	
1100	-	-	-	-	-	-	-	2.23	10.61	49.72	32.96	4.47	-	
1130	-	-	-	-	-	-	-	2.25	14.04	41.01	36.52	6.18	-	
1200	-	-	-	-	-	-	-	2.26	13.56	42.94	33.90	7.34	-	
1230	-	-	-	-	-	-	-	2.29	14.86	43.43	32.00	7.43	-	
1300	-	-	-	-	-	-	-	1.69	18.54	42.70	29.78	7.30	-	
1330	-	-	-	-	-	-	-	2.82	19.77	44.63	27.12	5.65	-	
1400	-	-	-	-	-	-	-	2.79	22.35	44.13	27.93	2.79	-	
1430	-	-	-	-	-	-	-	3.93	24.72	46.07	22.47	2.81	-	
1500	-	-	-	-	-	-	-	4.02	32.76	40.80	20.69	1.72	-	
1530	-	-	-	-	-	-	-	4.52	39.55	40.68	15.25	-	-	
1600	-	-	-	-	-	-	-	5.03	44.69	41.34	8.94	-	-	
1630	-	-	-	-	-	-	-	8.52	52.84	35.80	2.84	-	-	
1700	-	-	-	-	-	-	-	12.36	54.49	32.58	0.56	-	-	
1730	-	-	-	-	-	-	-	15.47	57.46	27.07	-	-	-	
1800	-	-	-	-	-	-	-	19.89	59.12	20.99	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	23.63	58.79	17.58	-	-	-
1900	-	-	-	-	-	-	-	22.60	66.10	11.30	-	-	-
1930	-	-	-	-	-	-	-	25.70	66.48	7.82	-	-	-
2000	-	-	-	-	-	-	-	30.17	65.36	4.47	-	-	-
2030	-	-	-	-	-	-	1.65	33.52	61.54	3.30	-	-	-
2100	-	-	-	-	-	-	2.21	34.81	61.33	1.66	-	-	-
2130	-	-	-	-	-	-	2.23	41.34	55.31	1.12	-	-	-
2200	-	-	-	-	-	-	2.25	43.26	53.37	1.12	-	-	-
2230	-	-	-	-	-	-	2.22	47.78	50.00	-	-	-	-
2300	-	-	-	-	-	-	2.22	50.00	47.78	-	-	-	-
2330	-	-	-	-	-	-	2.27	51.14	46.59	-	-	-	-
MEAN	-	-	-	-	-	-	0.67	22.85	41.48	24.36	9.59	1.05	-

Min temperature 10° to 14° (time 0130 UTC) – 4.49%

Max temperature 35° to 39° (time 1230 UTC) – 7.43%

Mean dominating temperature 20° to 24° – 41.48%





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

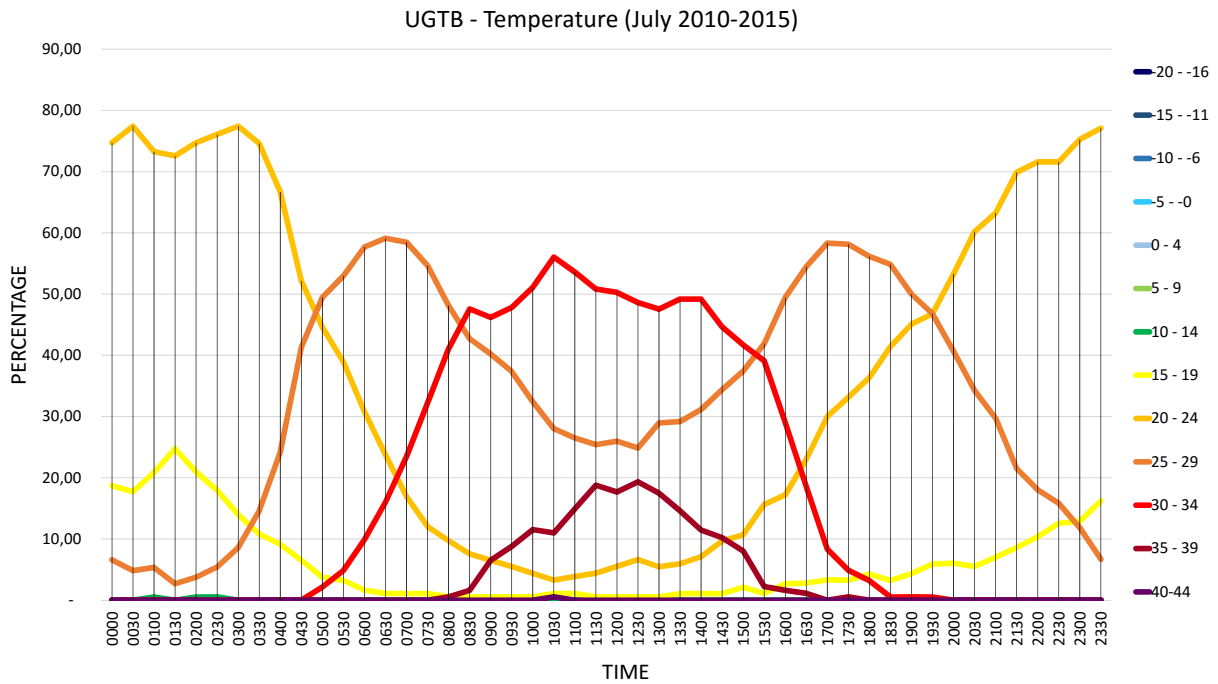
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	-	-	18.68	74.73	6.59	-	-	-	
0030	-	-	-	-	-	-	-	17.74	77.42	4.84	-	-	-	
0100	-	-	-	-	-	-	0.53	20.86	73.26	5.35	-	-	-	
0130	-	-	-	-	-	-	-	24.73	72.58	2.69	-	-	-	
0200	-	-	-	-	-	-	0.54	20.97	74.73	3.76	-	-	-	
0230	-	-	-	-	-	-	0.54	17.93	76.09	5.43	-	-	-	
0300	-	-	-	-	-	-	-	13.98	77.42	8.60	-	-	-	
0330	-	-	-	-	-	-	-	10.81	74.59	14.59	-	-	-	
0400	-	-	-	-	-	-	-	9.14	66.67	24.19	-	-	-	
0430	-	-	-	-	-	-	-	6.52	52.17	41.30	-	-	-	
0500	-	-	-	-	-	-	-	3.76	44.62	49.46	2.15	-	-	
0530	-	-	-	-	-	-	-	3.24	38.92	52.97	4.86	-	-	
0600	-	-	-	-	-	-	-	1.65	30.77	57.69	9.89	-	-	
0630	-	-	-	-	-	-	-	1.10	23.76	59.12	16.02	-	-	
0700	-	-	-	-	-	-	-	1.09	16.94	58.47	23.50	-	-	
0730	-	-	-	-	-	-	-	1.09	12.02	54.64	32.24	-	-	
0800	-	-	-	-	-	-	-	0.54	9.73	48.11	41.08	0.54	-	
0830	-	-	-	-	-	-	-	0.54	7.57	42.70	47.57	1.62	-	
0900	-	-	-	-	-	-	-	0.54	6.52	40.22	46.20	6.52	-	
0930	-	-	-	-	-	-	-	0.55	5.49	37.36	47.80	8.79	-	
1000	-	-	-	-	-	-	-	0.55	4.40	32.42	51.10	11.54	-	
1030	-	-	-	-	-	-	-	1.10	3.30	28.02	56.04	10.99	0.55	
1100	-	-	-	-	-	-	-	1.10	3.87	26.52	53.59	14.92	-	
1130	-	-	-	-	-	-	-	0.55	4.42	25.41	50.83	18.78	-	
1200	-	-	-	-	-	-	-	0.55	5.52	25.97	50.28	17.68	-	
1230	-	-	-	-	-	-	-	0.55	6.63	24.86	48.62	19.34	-	
1300	-	-	-	-	-	-	-	0.55	5.46	28.96	47.54	17.49	-	
1330	-	-	-	-	-	-	-	1.08	5.95	29.19	49.19	14.59	-	
1400	-	-	-	-	-	-	-	1.09	7.10	31.15	49.18	11.48	-	
1430	-	-	-	-	-	-	-	1.08	9.68	34.41	44.62	10.22	-	
1500	-	-	-	-	-	-	-	2.14	10.70	37.43	41.71	8.02	-	
1530	-	-	-	-	-	-	-	1.12	15.64	41.90	39.11	2.23	-	
1600	-	-	-	-	-	-	-	2.69	17.20	49.46	29.03	1.61	-	
1630	-	-	-	-	-	-	-	2.81	23.03	54.49	18.54	1.12	-	
1700	-	-	-	-	-	-	-	3.33	30.00	58.33	8.33	-	-	
1730	-	-	-	-	-	-	-	3.26	33.15	58.15	4.89	0.54	-	
1800	-	-	-	-	-	-	-	4.28	36.36	56.15	3.21	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	3.23	41.40	54.84	0.54	-	-
1900	-	-	-	-	-	-	-	4.35	45.11	50.00	0.54	-	-
1930	-	-	-	-	-	-	-	5.91	46.77	46.77	0.54	-	-
2000	-	-	-	-	-	-	-	6.04	53.30	40.66	-	-	-
2030	-	-	-	-	-	-	-	5.52	60.22	34.25	-	-	-
2100	-	-	-	-	-	-	-	7.03	63.24	29.73	-	-	-
2130	-	-	-	-	-	-	-	8.60	69.89	21.51	-	-	-
2200	-	-	-	-	-	-	-	10.38	71.58	18.03	-	-	-
2230	-	-	-	-	-	-	-	12.57	71.58	15.85	-	-	-
2300	-	-	-	-	-	-	-	12.90	75.27	11.83	-	-	-
2330	-	-	-	-	-	-	-	16.20	77.09	6.70	-	-	-
MEAN	-	-	-	-	-	-	0.03	6.19	37.90	33.11	19.06	3.69	0.01

Min temperature 10° to 14° (time 0200 and 0230 UTC) – each 0.54%

Max temperature 40° to 44° (time 1030 UTC) – 0.55%

Mean dominating temperature 20° to 24° – 37.90%



**ERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL E**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

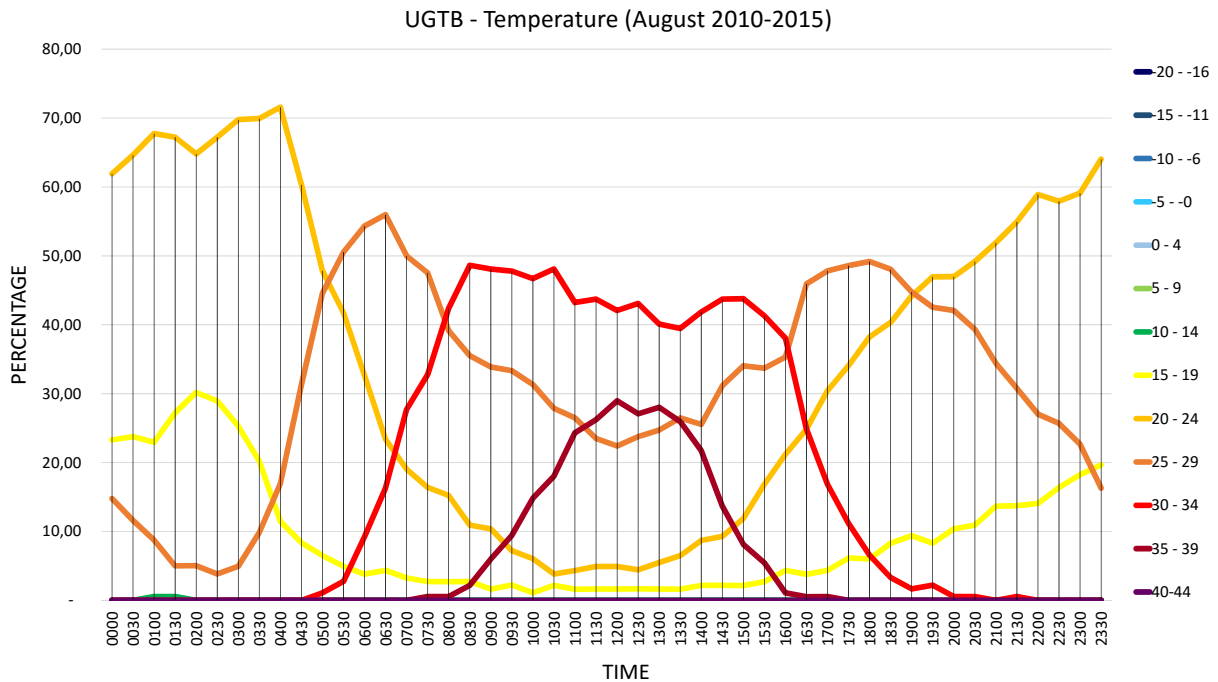
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	-	-	23.30	61.93	14.77	-	-	-	
0030	-	-	-	-	-	-	-	23.76	64.64	11.60	-	-	-	
0100	-	-	-	-	-	-	0.55	22.95	67.76	8.74	-	-	-	
0130	-	-	-	-	-	-	0.56	27.22	67.22	5.00	-	-	-	
0200	-	-	-	-	-	-	-	30.17	64.80	5.03	-	-	-	
0230	-	-	-	-	-	-	-	28.96	67.21	3.83	-	-	-	
0300	-	-	-	-	-	-	-	25.27	69.78	4.95	-	-	-	
0330	-	-	-	-	-	-	-	20.22	69.95	9.84	-	-	-	
0400	-	-	-	-	-	-	-	11.48	71.58	16.94	-	-	-	
0430	-	-	-	-	-	-	-	8.38	60.34	31.28	-	-	-	
0500	-	-	-	-	-	-	-	6.52	47.83	44.57	1.09	-	-	
0530	-	-	-	-	-	-	-	4.95	41.76	50.55	2.75	-	-	
0600	-	-	-	-	-	-	-	3.80	32.61	54.35	9.24	-	-	
0630	-	-	-	-	-	-	-	4.35	23.37	55.98	16.30	-	-	
0700	-	-	-	-	-	-	-	3.26	19.02	50.00	27.72	-	-	
0730	-	-	-	-	-	-	-	2.73	16.39	47.54	32.79	0.55	-	
0800	-	-	-	-	-	-	-	2.72	15.22	39.13	42.39	0.54	-	
0830	-	-	-	-	-	-	-	2.73	10.93	35.52	48.63	2.19	-	
0900	-	-	-	-	-	-	-	1.64	10.38	33.88	48.09	6.01	-	
0930	-	-	-	-	-	-	-	2.22	7.22	33.33	47.78	9.44	-	
1000	-	-	-	-	-	-	-	1.10	6.04	31.32	46.70	14.84	-	
1030	-	-	-	-	-	-	-	2.19	3.83	27.87	48.09	18.03	-	
1100	-	-	-	-	-	-	-	1.62	4.32	26.49	43.24	24.32	-	
1130	-	-	-	-	-	-	-	1.64	4.92	23.50	43.72	26.23	-	
1200	-	-	-	-	-	-	-	1.64	4.92	22.40	42.08	28.96	-	
1230	-	-	-	-	-	-	-	1.66	4.42	23.76	43.09	27.07	-	
1300	-	-	-	-	-	-	-	1.65	5.49	24.73	40.11	28.02	-	
1330	-	-	-	-	-	-	-	1.62	6.49	26.49	39.46	25.95	-	
1400	-	-	-	-	-	-	-	2.17	8.70	25.54	41.85	21.74	-	
1430	-	-	-	-	-	-	-	2.19	9.29	31.15	43.72	13.66	-	
1500	-	-	-	-	-	-	-	2.16	11.89	34.05	43.78	8.11	-	
1530	-	-	-	-	-	-	-	2.72	16.85	33.70	41.30	5.43	-	
1600	-	-	-	-	-	-	-	4.35	21.20	35.33	38.04	1.09	-	
1630	-	-	-	-	-	-	-	3.78	24.86	45.95	24.86	0.54	-	
1700	-	-	-	-	-	-	-	4.35	30.43	47.83	16.85	0.54	-	
1730	-	-	-	-	-	-	-	6.15	34.08	48.60	11.17	-	-	
1800	-	-	-	-	-	-	-	6.01	38.25	49.18	6.56	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	8.29	40.33	48.07	3.31	-	-
1900	-	-	-	-	-	-	-	9.39	44.20	44.75	1.66	-	-
1930	-	-	-	-	-	-	-	8.29	46.96	42.54	2.21	-	-
2000	-	-	-	-	-	-	-	10.38	46.99	42.08	0.55	-	-
2030	-	-	-	-	-	-	-	10.93	49.18	39.34	0.55	-	-
2100	-	-	-	-	-	-	-	13.66	51.91	34.43	-	-	-
2130	-	-	-	-	-	-	-	13.74	54.95	30.77	0.55	-	-
2200	-	-	-	-	-	-	-	14.05	58.92	27.03	-	-	-
2230	-	-	-	-	-	-	-	16.39	57.92	25.68	-	-	-
2300	-	-	-	-	-	-	-	18.23	59.12	22.65	-	-	-
2330	-	-	-	-	-	-	-	19.66	64.04	16.29	-	-	-
MEAN	-	-	-	-	-	-	0.02	9.30	35.43	31.01	18.75	5.48	-

Min temperature 10° to 14° (time 0130 UTC) – 0.56%

Max temperature 35° to 39° (time 1200 UTC) – 28.96%

Mean dominating temperature 20° to 24° – 35.43%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

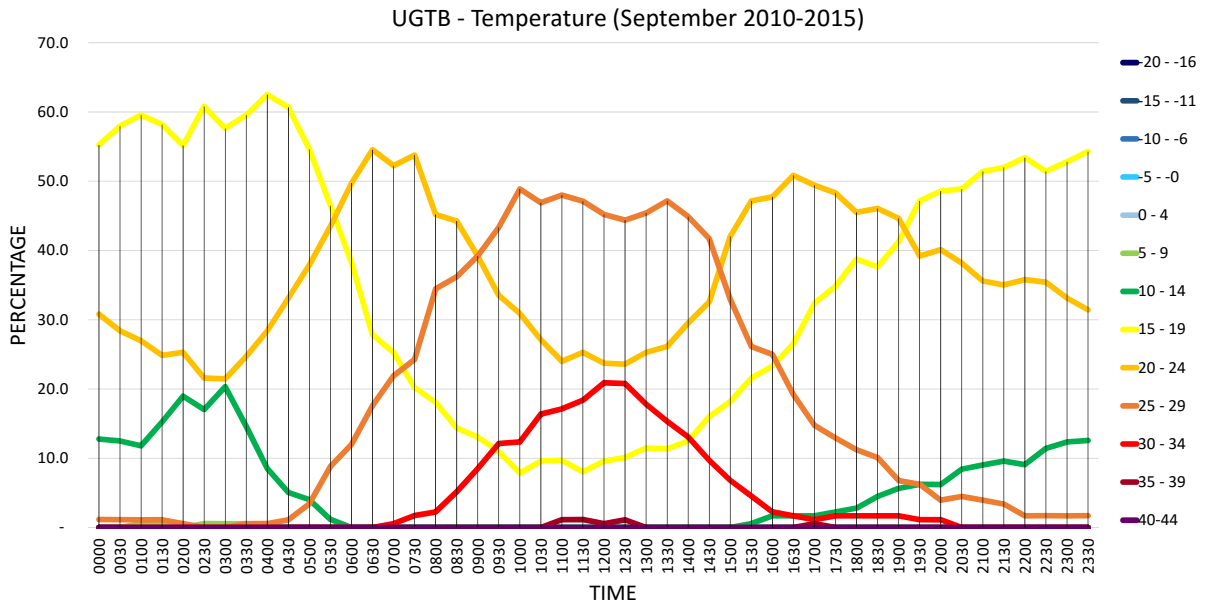
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	12.8	55.2	30.8	1.2	-	-	-
0030	-	-	-	-	-	-	12.5	58.0	28.4	1.1	-	-	-
0100	-	-	-	-	-	0.6	11.8	59.6	27.0	1.1	-	-	-
0130	-	-	-	-	-	0.6	15.3	58.2	24.9	1.1	-	-	-
0200	-	-	-	-	-	-	19.0	55.2	25.3	0.6	-	-	-
0230	-	-	-	-	-	0.6	17.0	60.8	21.6	-	-	-	-
0300	-	-	-	-	-	0.6	20.3	57.6	21.5	-	-	-	-
0330	-	-	-	-	-	0.6	14.6	59.6	24.7	0.6	-	-	-
0400	-	-	-	-	-	-	8.5	62.5	28.4	0.6	-	-	-
0430	-	-	-	-	-	-	5.1	60.7	33.1	1.1	-	-	-
0500	-	-	-	-	-	-	4.0	54.6	37.9	3.4	-	-	-
0530	-	-	-	-	-	-	1.2	46.5	43.5	8.8	-	-	-
0600	-	-	-	-	-	-	-	38.3	49.7	12.0	-	-	-
0630	-	-	-	-	-	-	-	27.8	54.5	17.6	-	-	-
0700	-	-	-	-	-	-	-	25.3	52.2	21.9	0.6	-	-
0730	-	-	-	-	-	-	-	20.2	53.8	24.3	1.7	-	-
0800	-	-	-	-	-	-	-	18.1	45.2	34.5	2.3	-	-
0830	-	-	-	-	-	-	-	14.4	44.3	36.2	5.2	-	-
0900	-	-	-	-	-	-	-	13.1	39.2	39.2	8.5	-	-
0930	-	-	-	-	-	-	-	11.0	33.5	43.4	12.1	-	-
1000	-	-	-	-	-	-	-	7.9	30.9	48.9	12.4	-	-
1030	-	-	-	-	-	-	-	9.6	27.1	46.9	16.4	-	-
1100	-	-	-	-	-	-	-	9.7	24.0	48.0	17.1	1.1	-
1130	-	-	-	-	-	-	-	8.0	25.3	47.1	18.4	1.1	-
1200	-	-	-	-	-	-	-	9.6	23.7	45.2	20.9	0.6	-
1230	-	-	-	-	-	-	-	10.1	23.6	44.4	20.8	1.1	-
1300	-	-	-	-	-	-	-	11.5	25.3	45.4	17.8	-	-
1330	-	-	-	-	-	-	-	11.4	26.1	47.2	15.3	-	-
1400	-	-	-	-	-	-	-	12.5	29.5	44.9	13.1	-	-
1430	-	-	-	-	-	-	-	16.0	32.6	41.7	9.7	-	-
1500	-	-	-	-	-	-	-	18.2	42.0	33.0	6.8	-	-
1530	-	-	-	-	-	-	0.6	21.6	47.2	26.1	4.5	-	-
1600	-	-	-	-	-	-	1.7	23.3	47.7	25.0	2.3	-	-
1630	-	-	-	-	-	-	1.7	26.6	50.8	19.2	1.7	-	-
1700	-	-	-	-	-	-	1.7	32.4	49.4	14.8	1.1	0.6	-
1730	-	-	-	-	-	-	2.2	34.8	48.3	12.9	1.7	-	-
1800	-	-	-	-	-	-	2.8	38.8	45.5	11.2	1.7	-	-

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	4.5	37.6	46.1	10.1	1.7	-	-
1900	-	-	-	-	-	-	5.6	41.2	44.6	6.8	1.7	-	-
1930	-	-	-	-	-	-	6.3	47.2	39.2	6.3	1.1	-	-
2000	-	-	-	-	-	-	6.2	48.6	40.1	4.0	1.1	-	-
2030	-	-	-	-	-	-	8.4	48.9	38.2	4.5	-	-	-
2100	-	-	-	-	-	-	9.0	51.4	35.6	4.0	-	-	-
2130	-	-	-	-	-	-	9.6	52.0	35.0	3.4	-	-	-
2200	-	-	-	-	-	-	9.1	53.4	35.8	1.7	-	-	-
2230	-	-	-	-	-	-	11.4	51.4	35.4	1.7	-	-	-
2300	-	-	-	-	-	-	12.4	52.8	33.1	1.7	-	-	-
2330	-	-	-	-	-	-	12.6	54.3	31.4	1.7	-	-	-
MEAN	-	-	-	-	-	0.1	5.2	35.4	36.1	18.7	4.5	0.1	-

Min temperature 5° to 9° (time 0100, 0130, 0230, 0300 and 0330 UTC) – each 0.6%

Max temperature 35° to 39° (time 1830 and 1900 UTC) – each 1.7%

Mean dominating temperature 20 to 24° – 36.1%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

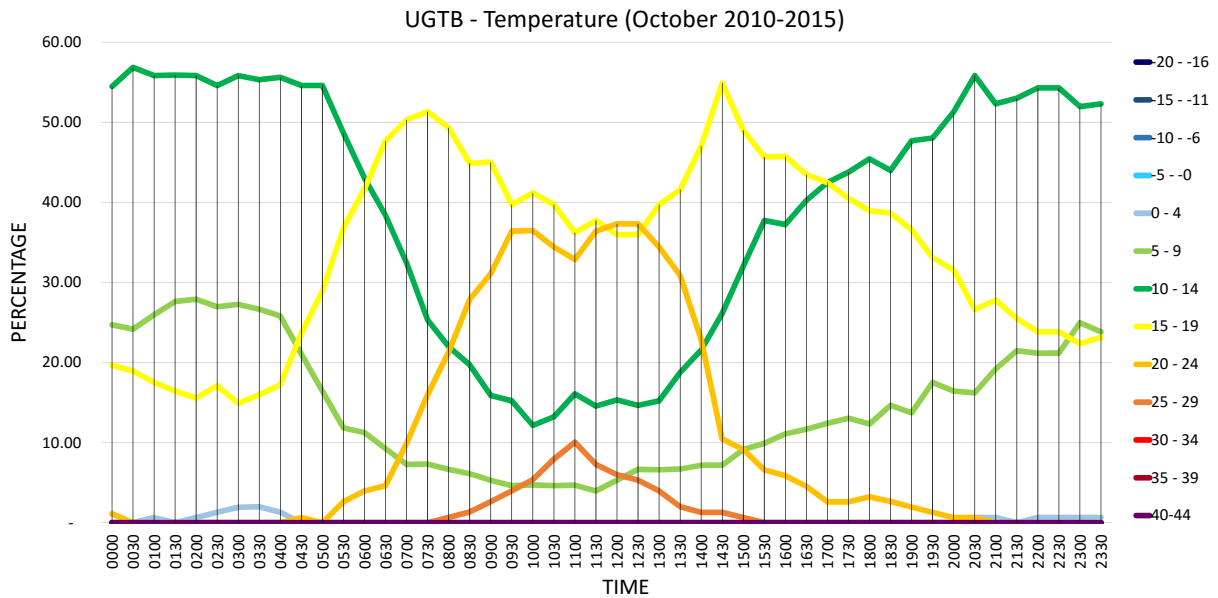
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	-	24.72	54.49	19.66	1.12	-	-	-	-	
0030	-	-	-	-	-	24.18	56.86	18.95	-	-	-	-	-	
0100	-	-	-	-	0.65	25.97	55.84	17.53	-	-	-	-	-	
0130	-	-	-	-	-	27.63	55.92	16.45	-	-	-	-	-	
0200	-	-	-	-	0.65	27.92	55.84	15.58	-	-	-	-	-	
0230	-	-	-	-	1.32	26.97	54.61	17.11	-	-	-	-	-	
0300	-	-	-	-	1.95	27.27	55.84	14.94	-	-	-	-	-	
0330	-	-	-	-	2.00	26.67	55.33	16.00	-	-	-	-	-	
0400	-	-	-	-	1.32	25.83	55.63	17.22	-	-	-	-	-	
0430	-	-	-	-	-	21.05	54.61	23.68	0.66	-	-	-	-	
0500	-	-	-	-	-	16.45	54.61	28.95	-	-	-	-	-	
0530	-	-	-	-	-	11.84	48.68	36.84	2.63	-	-	-	-	
0600	-	-	-	-	-	11.26	43.05	41.72	3.97	-	-	-	-	
0630	-	-	-	-	-	9.27	38.41	47.68	4.64	-	-	-	-	
0700	-	-	-	-	-	7.28	32.45	50.33	9.93	-	-	-	-	
0730	-	-	-	-	-	7.33	25.33	51.33	16.00	-	-	-	-	
0800	-	-	-	-	-	6.67	22.00	49.33	21.33	0.67	-	-	-	
0830	-	-	-	-	-	6.12	19.73	44.90	27.89	1.36	-	-	-	
0900	-	-	-	-	-	5.30	15.89	45.03	31.13	2.65	-	-	-	
0930	-	-	-	-	-	4.64	15.23	39.74	36.42	3.97	-	-	-	
1000	-	-	-	-	-	4.73	12.16	41.22	36.49	5.41	-	-	-	
1030	-	-	-	-	-	4.64	13.25	39.74	34.44	7.95	-	-	-	
1100	-	-	-	-	-	4.70	16.11	36.24	32.89	10.07	-	-	-	
1130	-	-	-	-	-	3.97	14.57	37.75	36.42	7.28	-	-	-	
1200	-	-	-	-	-	5.33	15.33	36.00	37.33	6.00	-	-	-	
1230	-	-	-	-	-	6.67	14.67	36.00	37.33	5.33	-	-	-	
1300	-	-	-	-	-	6.62	15.23	39.74	34.44	3.97	-	-	-	
1330	-	-	-	-	-	6.71	18.79	41.61	30.87	2.01	-	-	-	
1400	-	-	-	-	-	7.19	21.57	47.06	22.88	1.31	-	-	-	
1430	-	-	-	-	-	7.19	26.14	54.90	10.46	1.31	-	-	-	
1500	-	-	-	-	-	9.15	32.03	49.02	9.15	0.65	-	-	-	
1530	-	-	-	-	-	9.93	37.75	45.70	6.62	-	-	-	-	
1600	-	-	-	-	-	11.11	37.25	45.75	5.88	-	-	-	-	
1630	-	-	-	-	-	11.69	40.26	43.51	4.55	-	-	-	-	
1700	-	-	-	-	-	12.42	42.48	42.48	2.61	-	-	-	-	
1730	-	-	-	-	-	13.07	43.79	40.52	2.61	-	-	-	-	
1800	-	-	-	-	-	12.34	45.45	38.96	3.25	-	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	-	-	14.67	44.00	38.67	2.67	-	-	-	-
1900	-	-	-	-	-	13.73	47.71	36.60	1.96	-	-	-	-
1930	-	-	-	-	-	17.53	48.05	33.12	1.30	-	-	-	-
2000	-	-	-	-	-	16.45	51.32	31.58	0.66	-	-	-	-
2030	-	-	-	-	0.65	16.23	55.84	26.62	0.65	-	-	-	-
2100	-	-	-	-	0.66	19.21	52.32	27.81	-	-	-	-	-
2130	-	-	-	-	-	21.48	53.02	25.50	-	-	-	-	-
2200	-	-	-	-	0.66	21.19	54.30	23.84	-	-	-	-	-
2230	-	-	-	-	0.66	21.19	54.30	23.84	-	-	-	-	-
2300	-	-	-	-	0.66	25.00	51.97	22.37	-	-	-	-	-
2330	-	-	-	-	0.66	23.84	52.32	23.18	-	-	-	-	-
MEAN	-	-	-	-	0.25	14.49	39.36	34.14	10.53	1.23	-	-	-

Min temperature 0° to 4° (time 0330 UTC) – 2.0%

Max temperature 25° to 29° (time 1100 UTC) – 10.07%

Mean dominating temperature 10° to 14° – 39.36%





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

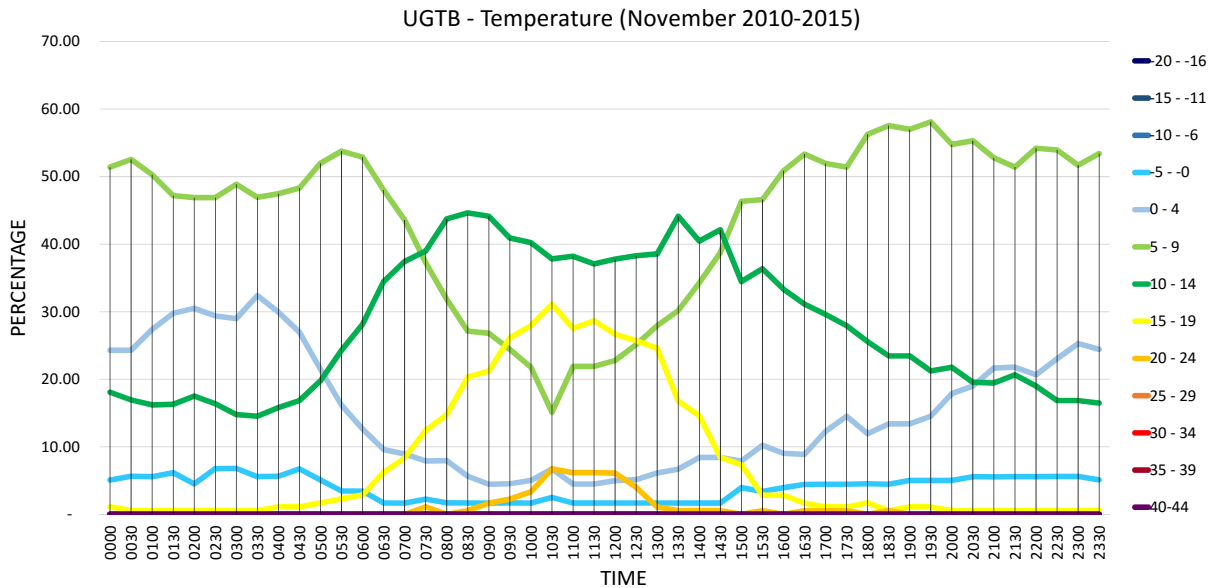
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	5.08	24.29	51.41	18.08	1.13	-	-	-	-	-	
0030	-	-	-	5.65	24.29	52.54	16.95	0.56	-	-	-	-	-	
0100	-	-	-	5.59	27.37	50.28	16.20	0.56	-	-	-	-	-	
0130	-	-	-	6.18	29.78	47.19	16.29	0.56	-	-	-	-	-	
0200	-	-	-	4.52	30.51	46.89	17.51	0.56	-	-	-	-	-	
0230	-	-	-	6.78	29.38	46.89	16.38	0.56	-	-	-	-	-	
0300	-	-	-	6.82	28.98	48.86	14.77	0.57	-	-	-	-	-	
0330	-	-	-	5.59	32.40	46.93	14.53	0.56	-	-	-	-	-	
0400	-	-	-	5.65	29.94	47.46	15.82	1.13	-	-	-	-	-	
0430	-	-	-	6.74	26.97	48.31	16.85	1.12	-	-	-	-	-	
0500	-	-	-	5.08	21.47	51.98	19.77	1.69	-	-	-	-	-	
0530	-	-	-	3.47	16.18	53.76	24.28	2.31	-	-	-	-	-	
0600	-	-	-	3.45	12.64	52.87	28.16	2.87	-	-	-	-	-	
0630	-	-	-	1.69	9.60	48.02	34.46	6.21	-	-	-	-	-	
0700	-	-	-	1.68	8.94	43.58	37.43	8.38	-	-	-	-	-	
0730	-	-	-	2.26	7.91	37.29	38.98	12.43	1.13	-	-	-	-	
0800	-	-	-	1.70	7.95	31.82	43.75	14.77	-	-	-	-	-	
0830	-	-	-	1.69	5.65	27.12	44.63	20.34	0.56	-	-	-	-	
0900	-	-	-	1.68	4.47	26.82	44.13	21.23	1.68	-	-	-	-	
0930	-	-	-	1.70	4.55	24.43	40.91	26.14	2.27	-	-	-	-	
1000	-	-	-	1.68	5.03	21.79	40.22	27.93	3.35	-	-	-	-	
1030	-	-	-	2.52	6.72	15.13	37.82	31.09	6.72	-	-	-	-	
1100	-	-	-	1.69	4.49	21.91	38.20	27.53	6.18	-	-	-	-	
1130	-	-	-	1.69	4.49	21.91	37.08	28.65	6.18	-	-	-	-	
1200	-	-	-	1.67	5.00	22.78	37.78	26.67	6.11	-	-	-	-	
1230	-	-	-	1.71	5.14	25.14	38.29	25.71	4.00	-	-	-	-	
1300	-	-	-	1.68	6.15	27.93	38.55	24.58	1.12	-	-	-	-	
1330	-	-	-	1.68	6.70	30.17	44.13	16.76	0.56	-	-	-	-	
1400	-	-	-	1.69	8.43	34.27	40.45	14.61	0.56	-	-	-	-	
1430	-	-	-	1.69	8.43	38.76	42.13	8.43	0.56	-	-	-	-	
1500	-	-	-	3.95	7.91	46.33	34.46	7.34	-	-	-	-	-	
1530	-	-	-	3.41	10.23	46.59	36.36	2.84	0.57	-	-	-	-	
1600	-	-	-	3.95	9.04	50.85	33.33	2.82	-	-	-	-	-	
1630	-	-	-	4.44	8.89	53.33	31.11	1.67	0.56	-	-	-	-	
1700	-	-	-	4.47	12.29	51.96	29.61	1.12	0.56	-	-	-	-	
1730	-	-	-	4.47	14.53	51.40	27.93	1.12	0.56	-	-	-	-	
1800	-	-	-	4.55	11.93	56.25	25.57	1.70	-	-	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	-	4.47	13.41	57.54	23.46	0.56	0.56	-	-	-	-
1900	-	-	-	5.03	13.41	56.98	23.46	1.12	-	-	-	-	-
1930	-	-	-	5.03	14.53	58.10	21.23	1.12	-	-	-	-	-
2000	-	-	-	5.03	17.88	54.75	21.79	0.56	-	-	-	-	-
2030	-	-	-	5.59	18.99	55.31	19.55	0.56	-	-	-	-	-
2100	-	-	-	5.56	21.67	52.78	19.44	0.56	-	-	-	-	-
2130	-	-	-	5.59	21.79	51.40	20.67	0.56	-	-	-	-	-
2200	-	-	-	5.59	20.67	54.19	18.99	0.56	-	-	-	-	-
2230	-	-	-	5.62	23.03	53.93	16.85	0.56	-	-	-	-	-
2300	-	-	-	5.62	25.28	51.69	16.85	0.56	-	-	-	-	-
2330	-	-	-	5.11	24.43	53.41	16.48	0.57	-	-	-	-	-
MEAN	-	-	-	3.93	15.34	43.97	28.09	7.79	0.87	-	-	-	-

Min temperature -5° to -0° (time 0300 UTC) – 6.82%

Max temperature 20° to 24° (time 1030 UTC) – 6.72%

Mean dominating temperature 5° to 9° – 43.97%



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGTB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

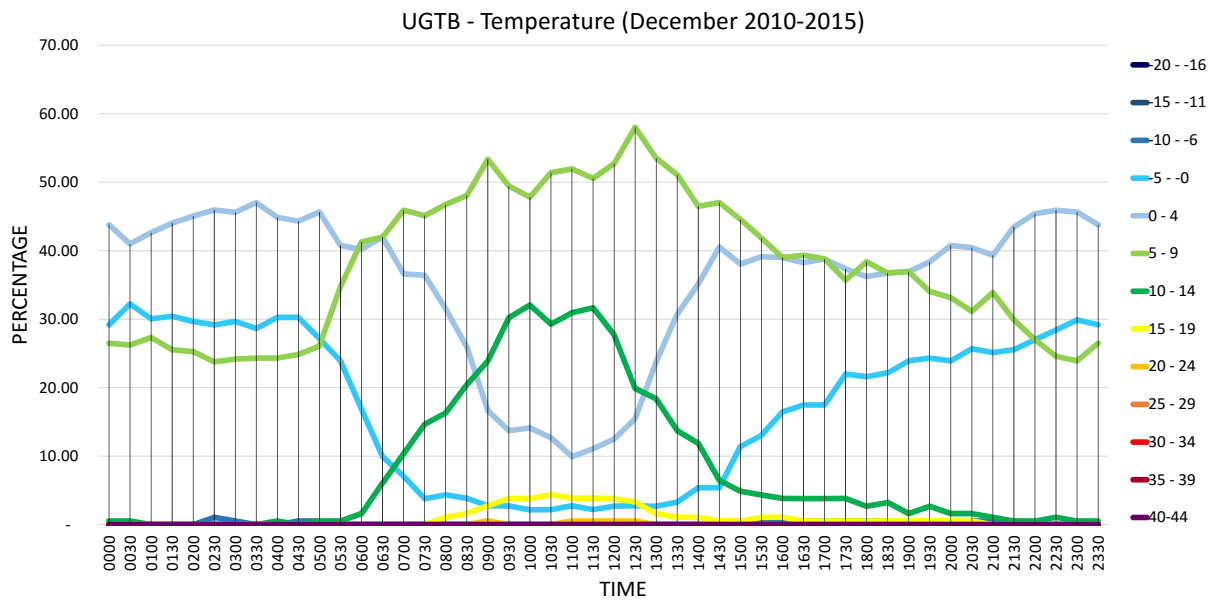
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	29.19	43.78	26.49	0.54	-	-	-	-	-	-	
0030	-	-	-	32.24	40.98	26.23	0.55	-	-	-	-	-	-	
0100	-	-	-	30.05	42.62	27.32	-	-	-	-	-	-	-	
0130	-	-	-	30.43	44.02	25.54	-	-	-	-	-	-	-	
0200	-	-	-	29.67	45.05	25.27	-	-	-	-	-	-	-	
0230	-	-	1.08	29.19	45.95	23.78	-	-	-	-	-	-	-	
0300	-	-	0.55	29.67	45.60	24.18	-	-	-	-	-	-	-	
0330	-	-	-	28.65	47.03	24.32	-	-	-	-	-	-	-	
0400	-	-	-	30.27	44.86	24.32	0.54	-	-	-	-	-	-	
0430	-	-	0.54	30.27	44.32	24.86	-	-	-	-	-	-	-	
0500	-	-	0.54	27.17	45.65	26.09	0.54	-	-	-	-	-	-	
0530	-	-	-	23.91	40.76	34.78	0.54	-	-	-	-	-	-	
0600	-	-	-	16.85	40.22	41.30	1.63	-	-	-	-	-	-	
0630	-	-	-	9.94	41.99	41.99	6.08	-	-	-	-	-	-	
0700	-	-	-	7.10	36.61	45.90	10.38	-	-	-	-	-	-	
0730	-	-	-	3.80	36.41	45.11	14.67	-	-	-	-	-	-	
0800	-	-	-	4.35	31.52	46.74	16.30	1.09	-	-	-	-	-	
0830	-	-	-	3.87	25.97	48.07	20.44	1.66	-	-	-	-	-	
0900	-	-	-	2.78	16.67	53.33	23.89	2.78	0.56	-	-	-	-	
0930	-	-	-	2.75	13.74	49.45	30.22	3.85	-	-	-	-	-	
1000	-	-	-	2.17	14.13	47.83	32.07	3.80	-	-	-	-	-	
1030	-	-	-	2.21	12.71	51.38	29.28	4.42	-	-	-	-	-	
1100	-	-	-	2.76	9.94	51.93	30.94	3.87	0.55	-	-	-	-	
1130	-	-	-	2.22	11.11	50.56	31.67	3.89	0.56	-	-	-	-	
1200	-	-	-	2.72	12.50	52.72	27.72	3.80	0.54	-	-	-	-	
1230	-	-	-	2.76	15.47	58.01	19.89	3.31	0.55	-	-	-	-	
1300	-	-	-	2.70	23.78	53.51	18.38	1.62	-	-	-	-	-	
1330	-	-	-	3.30	30.77	51.10	13.74	1.10	-	-	-	-	-	
1400	-	-	-	5.41	35.14	46.49	11.89	1.08	-	-	-	-	-	
1430	-	-	-	5.41	40.54	47.03	6.49	0.54	-	-	-	-	-	
1500	-	-	0.54	11.41	38.04	44.57	4.89	0.54	-	-	-	-	-	
1530	-	-	0.54	13.04	39.13	41.85	4.35	1.09	-	-	-	-	-	
1600	-	-	0.55	16.48	39.01	39.01	3.85	1.10	-	-	-	-	-	
1630	-	-	0.55	17.49	38.25	39.34	3.83	0.55	-	-	-	-	-	
1700	-	-	0.55	17.49	38.80	38.80	3.83	0.55	-	-	-	-	-	
1730	-	-	0.55	21.98	37.36	35.71	3.85	0.55	-	-	-	-	-	
1800	-	-	0.54	21.62	36.22	38.38	2.70	0.54	-	-	-	-	-	

FREQUENCIES (PER CENT) 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	-	-	0.54	22.16	36.76	36.76	3.24	0.54	-	-	-	-	-
1900	-	-	-	23.91	36.96	36.96	1.63	0.54	-	-	-	-	-
1930	-	-	-	24.32	38.38	34.05	2.70	0.54	-	-	-	-	-
2000	-	-	-	23.91	40.76	33.15	1.63	0.54	-	-	-	-	-
2030	-	-	0.55	25.68	40.44	31.15	1.64	0.55	-	-	-	-	-
2100	-	-	0.55	25.14	39.34	33.88	1.09	-	-	-	-	-	-
2130	-	-	0.54	25.54	43.48	29.89	0.54	-	-	-	-	-	-
2200	-	-	-	27.03	45.41	27.03	0.54	-	-	-	-	-	-
2230	-	-	-	28.42	45.90	24.59	1.09	-	-	-	-	-	-
2300	-	-	-	29.89	45.65	23.91	0.54	-	-	-	-	-	-
2330	-	-	-	29.19	43.78	26.49	0.54	-	-	-	-	-	-
MEAN	-	-	0.18	17.51	35.54	37.70	8.10	0.92	0.06	-	-	-	-

Min temperature -10° to -6° (time 0230 UTC) – 1.08%

Max temperature 20° to 24° (time 0900 and 1130 UTC) – each 0.56%

Mean dominating temperature 5° to 9° – 37.70%



## ABSOLUTE AND MEAN ATMOSPHERIC PRESSURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL F**

AERODROME: UGTB

MONTHLY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 105168

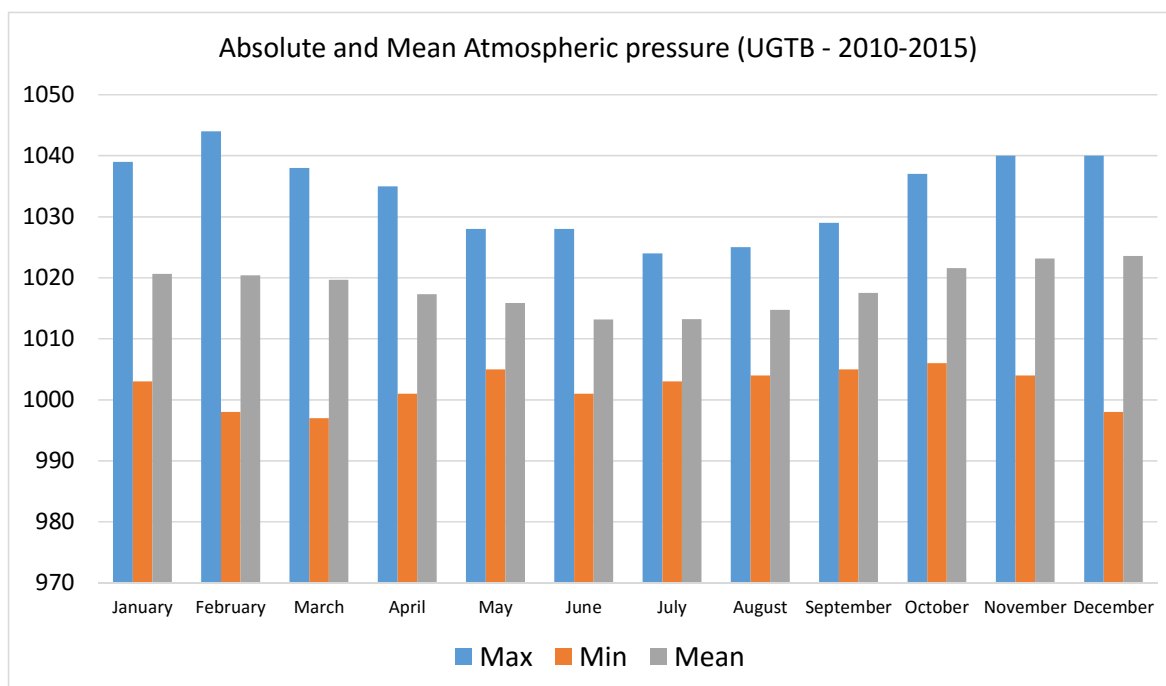
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

<b>Absolute and Mean Atmospheric pressure (UGTB - MAX, MIN, MEAN based on 6 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	1020
March	1038	997	1020
April	1035	1001	1017
May	1028	1005	1016
June	1028	1001	1013
July	1024	1003	1013
August	1025	1004	1015
September	1029	1005	1018
October	1037	1006	1022
November	1040	1004	1023
December	1040	998	1024



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

The Maximum absolute pressure of atmosphere - QNH detected in February - 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: 2010-2015

LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

#### JANUARY

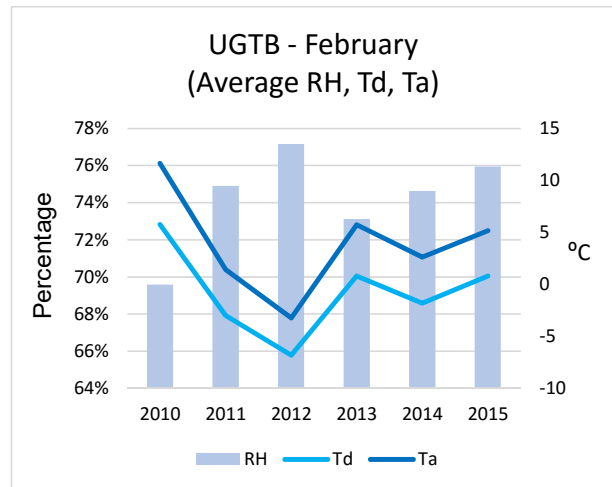
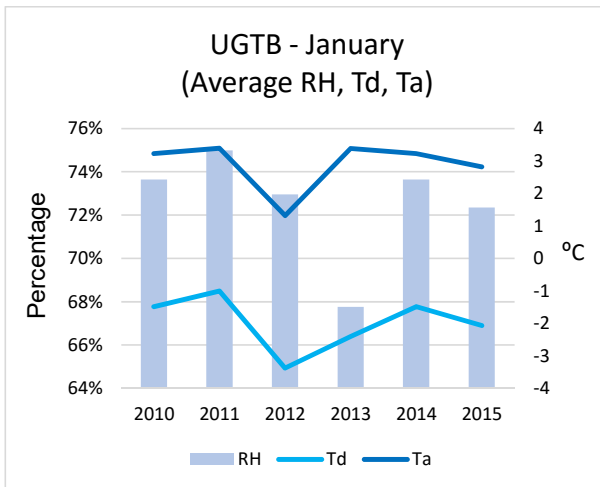
TOTAL NUMBER OF OBSERVATIONS: 8928

Average	2010	2011	2012	2013	2014	2015
RH	74%	75%	73%	68%	74%	72%
Td	-1	-1	-3	-2	-1	-2
Ta	3	3	1	3	3	3

#### FEBRUARY

TOTAL NUMBER OF OBSERVATIONS: 8112

Average	2010	2011	2012	2013	2014	2015
RH	70%	75%	77%	73%	75%	76%
Td	6	-3	-7	1	-2	1
Ta	12	1	-3	6	3	5



#### MARCH

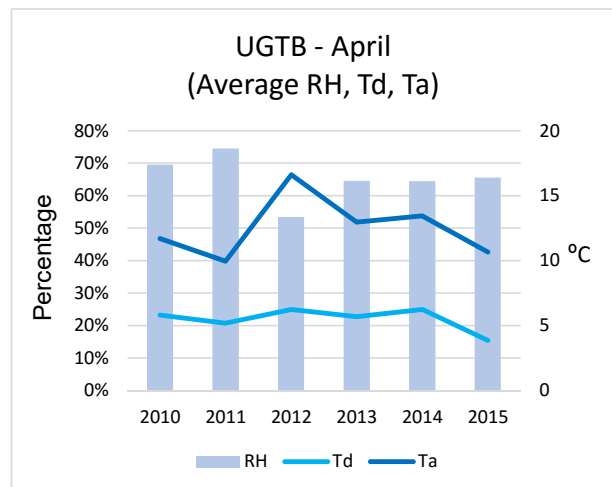
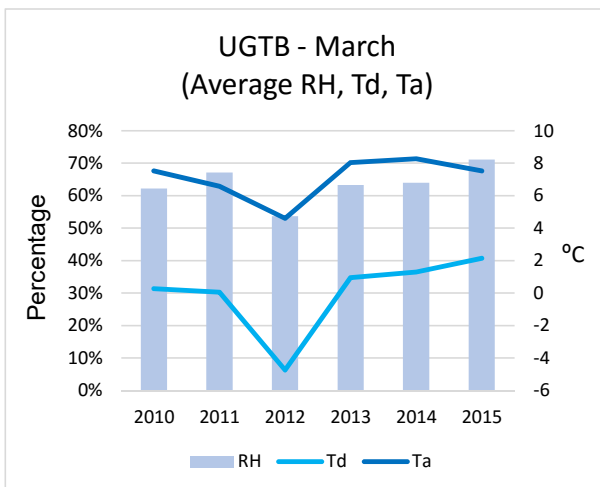
TOTAL NUMBER OF OBSERVATIONS: 8928

Average	2010	2011	2012	2013	2014	2015
RH	62%	67%	54%	63%	64%	71%
Td	0	0	-5	1	1	2
Ta	8	7	5	8	8	8

#### APRIL

TOTAL NUMBER OF OBSERVATIONS: 8640

Average	2010	2011	2012	2013	2014	2015
RH	70%	75%	53%	65%	64%	66%
Td	6	5	6	6	6	4
Ta	12	10	17	13	13	11

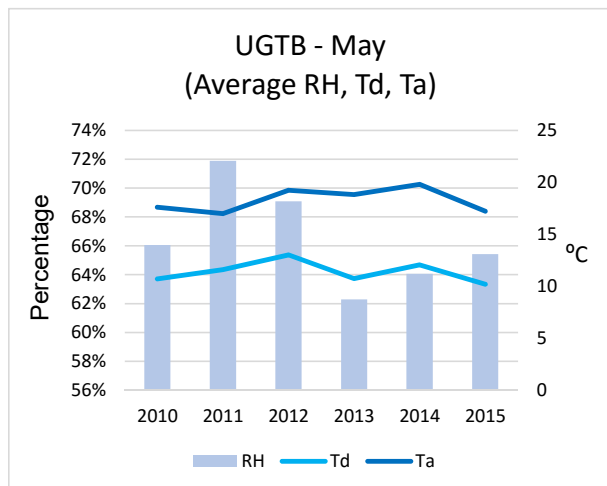




### MAY

TOTAL NUMBER OF OBSERVATIONS: 8928

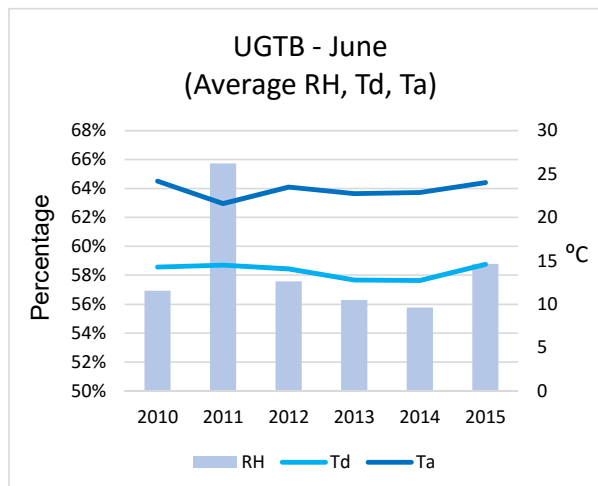
Average	2010	2011	2012	2013	2014	2015
RH	66%	72%	69%	62%	64%	65%
Td	11	12	13	11	12	10
Ta	18	17	19	19	20	17



### JUNE

TOTAL NUMBER OF OBSERVATIONS: 86

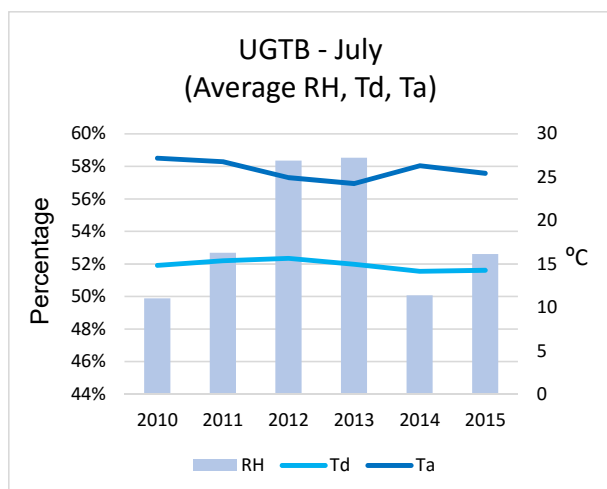
Average	2010	2011	2012	2013	2014	2015
RH	57%	66%	58%	56%	56%	59%
Td	14	14	14	13	13	15
Ta	24	22	23	23	23	24



### JULY

TOTAL NUMBER OF OBSERVATIONS: 8928

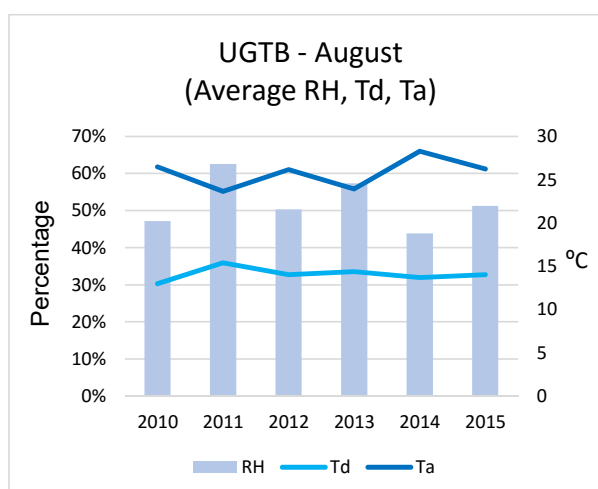
Average	2010	2011	2012	2013	2014	2015
RH	50%	53%	58%	59%	50%	53%
Td	15	15	16	15	14	14
Ta	27	27	25	24	26	25



### AUGUST

TOTAL NUMBER OF OBSERVATIONS: 8928

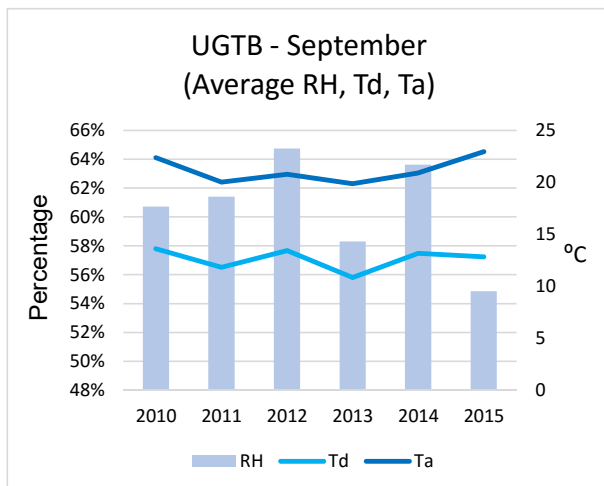
Average	2010	2011	2012	2013	2014	2015
RH	47%	63%	50%	57%	44%	51%
Td	13	15	14	14	14	14
Ta	26	24	26	24	28	26



### SEPTEMBER

TOTAL NUMBER OF OBSERVATIONS: 8640

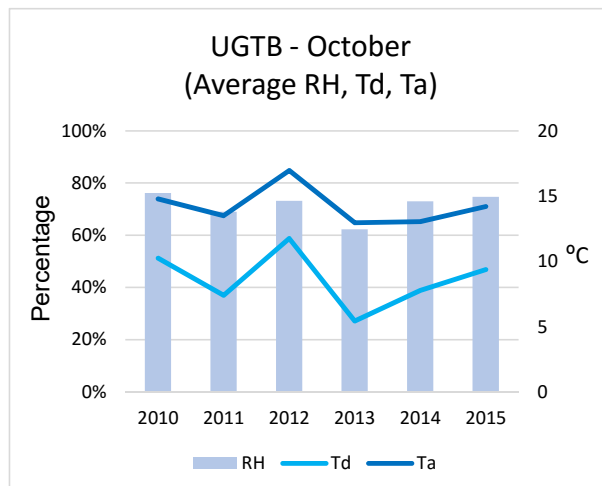
Average	2010	2011	2012	2013	2014	2015
RH	61%	61%	65%	58%	64%	55%
Td	14	12	13	11	13	13
Ta	22	20	21	20	21	23



### OCTOBER

TOTAL NUMBER OF OBSERVATIONS: 8928

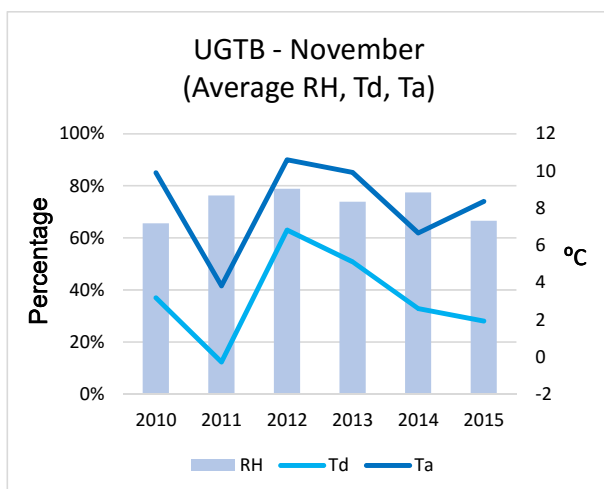
Average	2010	2011	2012	2013	2014	2015
RH	76%	69%	73%	62%	73%	75%
Td	10	7	12	5	8	9
Ta	15	14	17	13	13	14



### NOVEMBER

TOTAL NUMBER OF OBSERVATIONS: 8640

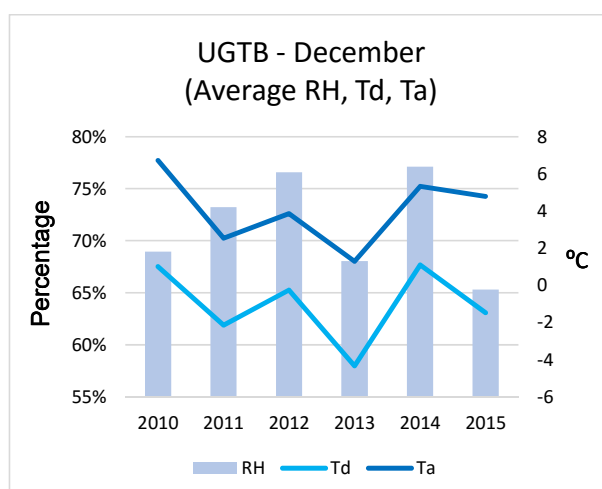
Average	2010	2011	2012	2013	2014	2015
RH	66%	76%	79%	74%	77%	67%
Td	3	0	7	5	3	2
Ta	10	4	11	10	7	8



### DECEMBER

TOTAL NUMBER OF OBSERVATIONS: 8928

Average	2010	2011	2012	2013	2014	2015
RH	69%	73%	77%	68%	77%	65%
Td	1	-2	0	-4	1	-1
Ta	7	3	4	1	5	5







**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGTB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

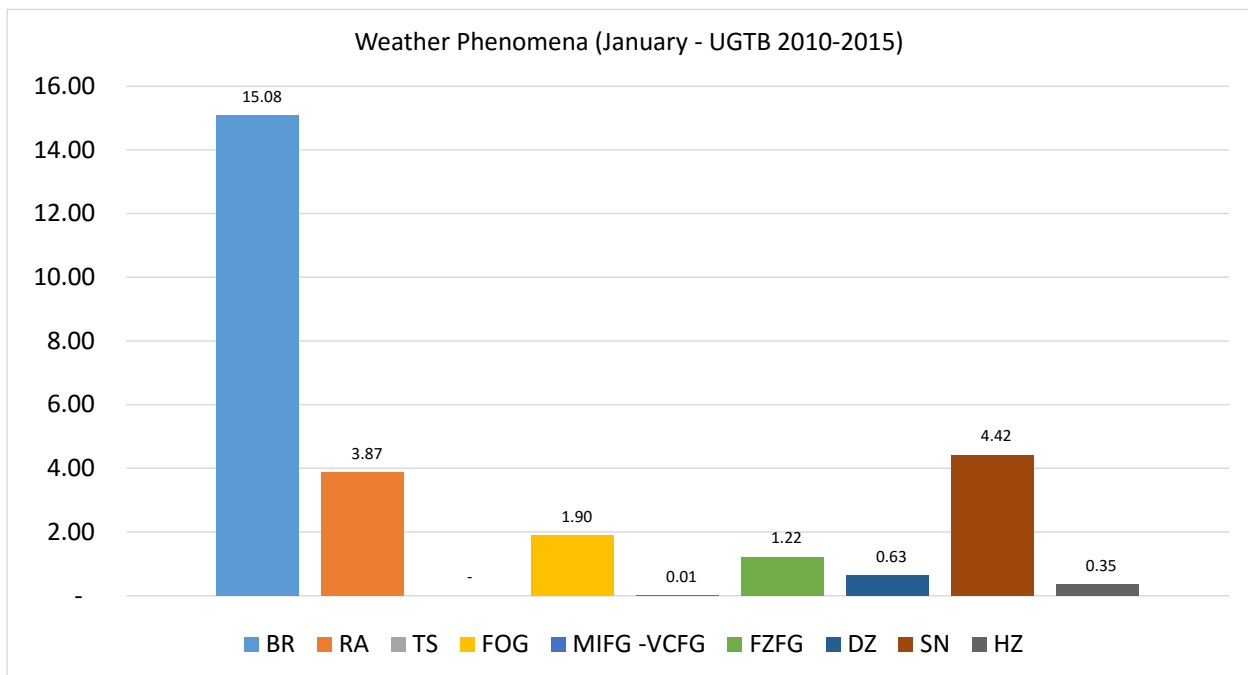
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	15.64	3.35	-	2.23	-	1.68	1.12	2.79	-
0030	15.22	5.98	-	2.72	-	1.09	0.54	4.35	-
0100	13.11	5.46	-	2.73	-	1.64	-	4.37	-
0130	14.36	6.08	-	2.76	-	1.10	0.55	4.42	-
0200	13.04	5.98	-	3.26	-	1.63	-	4.35	-
0230	13.48	5.62	-	4.49	-	2.25	-	5.62	-
0300	12.29	5.03	-	4.47	-	2.79	-	5.59	-
0330	10.87	3.80	-	4.89	-	2.72	0.54	5.98	-
0400	11.60	3.87	-	4.42	-	2.76	-	4.97	-
0430	17.32	3.35	-	5.03	-	2.79	0.56	5.03	-
0500	18.03	5.46	-	6.01	-	2.73	2.19	5.46	-
0530	19.46	5.95	-	5.95	-	3.24	0.54	4.86	-
0600	19.02	3.80	-	3.80	-	2.72	-	4.89	0.54
0630	23.91	4.35	-	2.72	-	2.17	-	4.89	0.54
0700	21.74	3.80	-	3.26	-	1.63	0.54	3.80	0.54
0730	21.55	3.87	-	2.21	-	0.55	-	5.52	0.55
0800	21.62	4.86	-	1.62	-	0.54	-	5.95	0.54
0830	21.62	5.95	-	1.08	-	0.54	0.54	4.86	0.54
0900	18.03	6.01	-	1.64	-	-	1.09	4.92	0.55
0930	15.64	2.79	-	0.56	-	0.56	-	6.15	0.56
1000	16.30	2.72	-	-	-	0.54	0.54	5.98	0.54
1030	17.49	2.19	-	-	-	-	-	6.01	0.55
1100	17.74	3.23	-	-	-	-	-	4.84	0.54
1130	14.05	3.24	-	-	-	0.54	-	4.32	0.54
1200	14.13	2.72	-	-	-	-	-	2.72	1.09
1230	14.44	3.33	-	0.56	-	-	-	3.33	1.11
1300	15.47	2.21	-	0.55	-	-	-	4.42	0.55
1330	14.77	2.84	-	0.57	-	-	-	2.27	1.14
1400	15.47	3.31	-	-	-	-	-	3.31	2.76
1430	11.54	3.85	-	-	-	-	0.55	3.30	1.65
1500	11.48	2.73	-	-	-	0.55	1.64	3.83	1.09
1530	12.09	4.40	-	-	-	-	1.10	3.30	0.55
1600	11.60	4.42	-	-	-	0.55	1.10	3.31	0.55
1630	13.44	3.76	-	-	0.54	0.54	0.54	3.23	-
1700	13.04	2.72	-	0.54	-	1.63	1.63	3.26	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	13.19	2.75	-	-	-	1.65	2.20	3.85	-
1800	14.67	1.63	-	0.54	-	2.17	1.63	3.80	-
1830	14.52	3.23	-	0.54	-	2.69	1.08	3.76	-
1900	12.22	2.78	-	1.67	-	1.11	1.11	3.33	-
1930	11.73	3.35	-	1.68	-	1.68	0.56	5.03	-
2000	13.04	3.80	-	2.17	-	2.17	0.54	4.89	-
2030	10.56	3.89	-	2.78	-	1.67	0.56	5.00	-
2100	13.11	3.83	-	1.64	-	1.64	1.09	4.37	-
2130	11.89	3.78	-	2.70	-	1.62	1.08	4.86	-
2200	14.36	4.97	-	2.21	-	0.55	0.55	4.97	-
2230	13.74	3.85	-	1.65	-	0.55	1.10	4.95	-
2300	15.85	2.19	-	3.28	-	0.55	2.19	3.83	-
2330	14.53	2.79	-	2.23	-	1.12	1.12	3.35	-
Mean	15.08	3.87	-	1.90	0.01	1.22	0.63	4.42	0.35



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in January are: mist – 15.08%, snow – 4.42%, rain – 3.87%.

No thunderstorm activities were observed in January.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8112

OBSERVATION INTERVAL: 30 MIN.

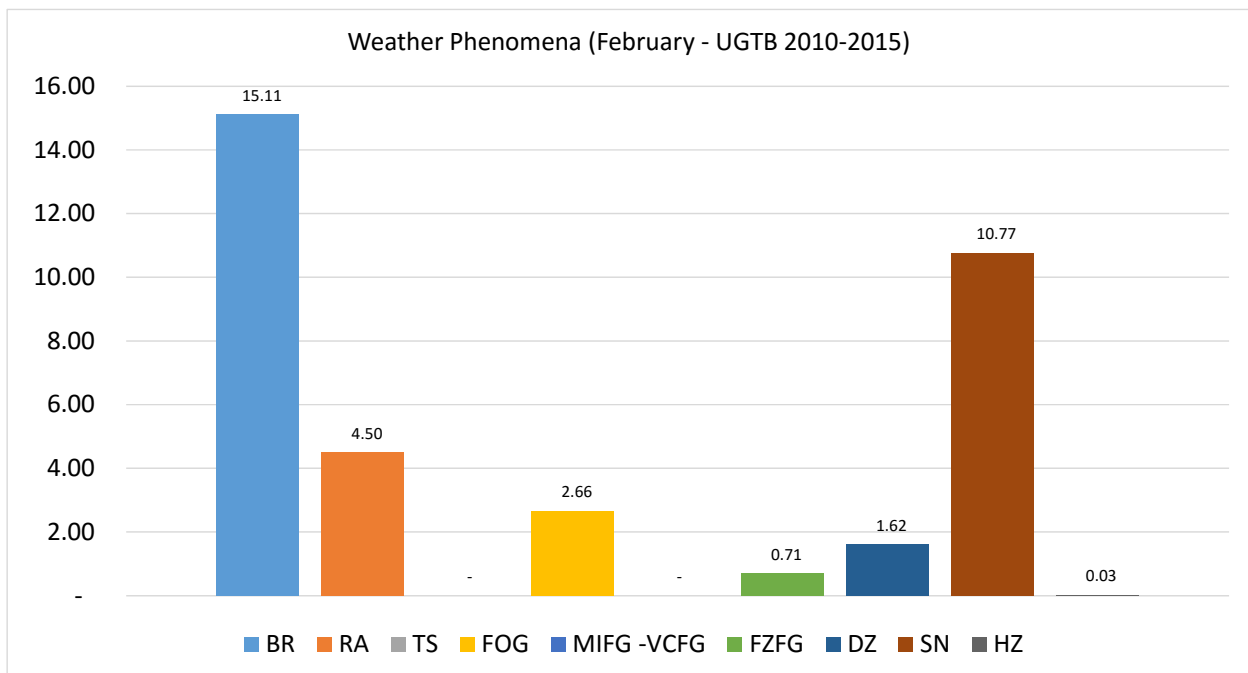
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	15.23	4.64	-	4.64	-	1.32	3.97	15.23	-
0030	13.73	6.54	-	3.92	-	3.92	1.96	15.03	-
0100	14.67	8.00	-	3.33	-	2.00	-	15.33	-
0130	14.86	6.08	-	2.70	-	1.35	-	15.54	-
0200	17.88	7.28	-	2.65	-	0.66	0.66	14.57	-
0230	16.67	5.33	-	4.67	-	0.67	1.33	16.67	-
0300	16.56	6.62	-	4.64	-	-	0.66	14.57	-
0330	16.89	6.08	-	5.41	-	1.35	1.35	16.22	-
0400	22.82	4.70	-	6.04	-	2.68	2.01	16.11	-
0430	25.34	5.48	-	4.79	-	2.05	2.05	13.01	-
0500	28.19	4.03	-	5.37	-	1.34	2.68	15.44	-
0530	28.57	2.72	-	3.40	-	1.36	2.72	17.01	-
0600	25.85	2.72	-	2.72	-	1.36	2.72	16.33	-
0630	25.50	4.03	-	2.68	-	0.67	1.34	14.77	-
0700	28.38	2.03	-	2.03	-	0.68	2.03	14.86	-
0730	24.32	3.38	-	2.03	-	-	2.03	14.19	-
0800	20.53	1.99	-	2.65	-	-	2.65	11.26	-
0830	19.74	3.29	-	1.97	-	-	1.97	13.16	-
0900	16.78	4.70	-	0.67	-	-	0.67	8.72	-
0930	16.45	5.26	-	-	-	-	-	10.53	-
1000	14.57	5.30	-	2.65	-	-	0.66	9.27	-
1030	11.56	4.76	-	2.72	-	-	1.36	6.80	-
1100	12.50	4.61	-	1.97	-	-	1.32	7.89	-
1130	13.25	3.97	-	0.66	-	-	1.32	6.62	-
1200	10.00	4.67	-	-	-	-	1.33	6.67	-
1230	10.60	3.97	-	1.32	-	-	1.32	4.64	0.66
1300	14.00	4.00	-	-	-	-	2.00	3.33	0.67
1330	14.00	5.33	-	-	-	-	2.67	4.00	-
1400	12.67	4.67	-	0.67	-	-	2.00	5.33	-
1430	12.84	4.73	-	-	-	-	2.03	4.73	-
1500	12.16	2.03	-	0.68	-	-	2.03	4.73	-
1530	8.00	2.67	-	1.33	-	-	0.67	5.33	-
1600	8.16	3.40	-	1.36	-	-	2.04	5.44	-
1630	9.66	2.76	-	-	-	0.69	1.38	5.52	-
1700	11.64	2.05	-	0.68	-	-	2.05	5.48	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	12.84	6.08	-	2.03	-	0.68	1.35	6.08	-
1800	12.93	5.44	-	1.36	-	-	-	7.48	-
1830	8.72	4.70	-	4.03	-	0.67	1.34	9.40	-
1900	9.52	4.08	-	2.72	-	0.68	1.36	11.56	-
1930	9.79	4.20	-	2.80	-	-	1.40	11.19	-
2000	9.40	4.03	-	3.36	-	-	2.01	12.08	-
2030	9.52	3.40	-	4.76	-	-	2.72	10.88	-
2100	9.03	6.25	-	5.56	-	0.69	0.69	12.50	-
2130	11.11	4.86	-	4.17	-	1.39	1.39	13.19	-
2200	10.20	4.08	-	4.76	-	1.36	1.36	12.24	-
2230	9.86	4.23	-	4.23	-	2.82	2.11	12.68	-
2300	12.41	5.52	-	4.14	-	2.76	2.07	12.41	-
2330	15.33	5.11	-	3.65	-	0.73	2.92	10.95	-
Mean	15.11	4.50	-	2.66	-	0.71	1.62	10.77	0.03



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in February are: mist – 15.11%, snow – 10.77%, rain – 4.50%.

No thunderstorm activities were observed in February.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

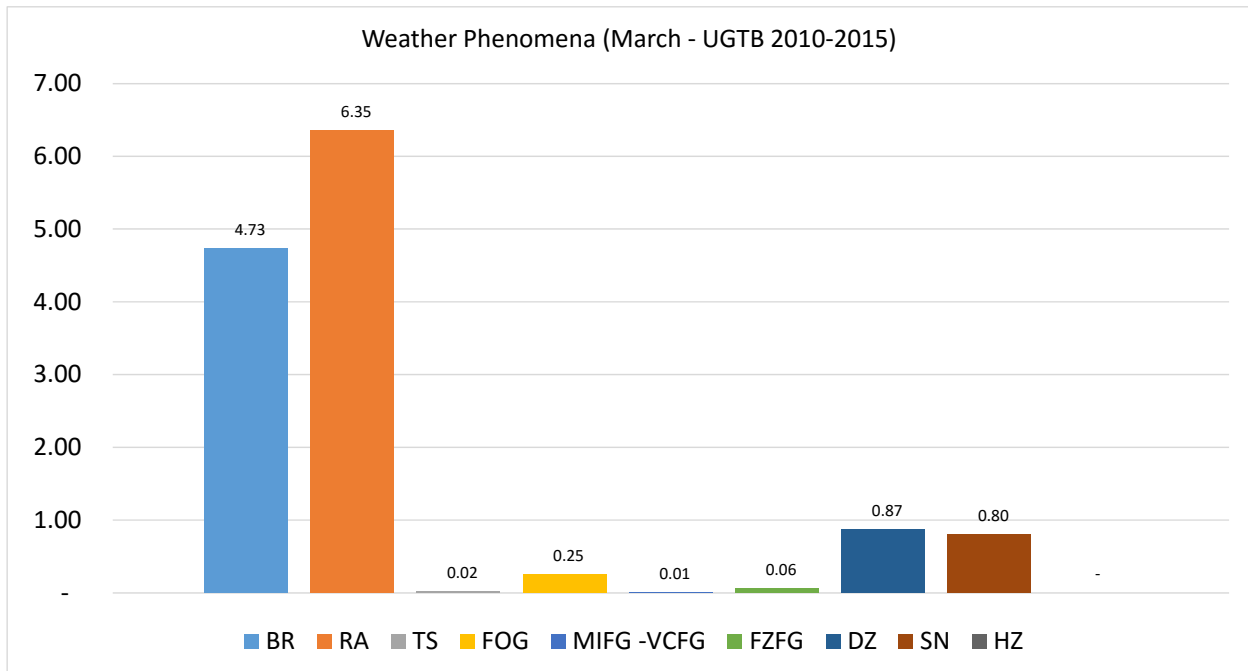
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.55	6.25	-	-	-	-	1.14	1.14	-
0030	4.35	5.98	-	0.54	-	0.54	1.09	1.63	-
0100	3.26	5.98	-	0.54	-	0.54	0.54	1.63	-
0130	3.28	6.01	-	0.55	0.55	-	-	1.09	-
0200	3.85	5.49	-	0.55	-	-	0.55	1.10	-
0230	3.80	4.35	-	-	-	-	-	1.09	-
0300	6.67	5.00	-	1.67	-	-	0.56	0.56	-
0330	12.57	5.46	-	1.09	-	-	1.64	0.55	-
0400	13.19	3.30	-	0.55	-	-	3.30	1.65	-
0430	11.05	5.52	-	0.55	-	0.55	1.10	1.66	-
0500	10.81	4.86	-	1.62	-	0.54	1.62	1.08	-
0530	9.84	6.56	-	2.19	-	-	0.55	3.28	-
0600	9.44	6.11	-	1.11	-	-	0.56	2.22	-
0630	10.50	4.97	-	-	-	-	1.10	2.21	-
0700	10.50	5.52	-	-	-	-	1.10	1.66	-
0730	9.39	6.08	-	-	-	-	1.10	-	-
0800	9.39	5.52	-	-	-	-	0.55	-	-
0830	5.49	6.59	-	-	-	-	-	-	-
0900	4.84	5.38	-	-	-	-	1.61	-	-
0930	3.89	6.11	-	-	-	-	1.67	0.56	-
1000	2.78	5.00	-	-	-	-	1.11	0.56	-
1030	3.33	6.11	-	-	-	-	1.11	0.56	-
1100	5.00	6.11	-	-	-	-	0.56	1.11	-
1130	2.73	6.01	-	-	-	-	1.09	0.55	-
1200	1.64	5.46	-	-	-	0.55	0.55	0.55	-
1230	2.76	4.97	-	-	-	-	0.55	0.55	-
1300	3.30	5.49	-	-	-	-	1.10	0.55	-
1330	2.75	7.14	-	-	-	-	-	0.55	-
1400	1.67	7.78	-	-	-	-	0.56	0.56	-
1430	2.23	6.70	-	-	-	-	-	0.56	-
1500	2.23	7.82	-	-	-	-	-	0.56	-
1530	1.65	9.34	-	-	-	-	0.55	0.55	-
1600	1.09	9.24	-	-	-	-	-	0.54	-
1630	2.19	8.74	-	-	-	-	-	-	-
1700	1.67	7.78	-	-	-	-	0.56	-	-
1730	1.10	7.73	-	-	-	-	0.55	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1800	1.64	6.01	-	-	-	-	0.55	-	-
1830	1.11	5.56	-	0.56	-	-	1.11	0.56	-
1900	1.65	6.59	-	0.55	-	-	1.10	-	-
1930	2.75	5.49	-	-	-	-	1.65	-	-
2000	3.83	8.20	0.55	-	-	-	1.09	0.55	-
2030	3.28	6.56	0.55	-	-	-	1.64	0.55	-
2100	3.89	6.11	-	-	-	-	1.67	0.56	-
2130	4.89	7.07	-	-	-	-	1.63	1.09	-
2200	5.43	7.07	-	-	-	-	1.09	0.54	-
2230	3.80	7.61	-	-	-	-	1.09	1.09	-
2300	2.75	6.59	-	-	-	-	0.55	1.10	-
2330	3.35	9.50	-	-	-	-	0.56	1.68	-
Mean	4.73	6.35	0.02	0.25	0.01	0.06	0.87	0.80	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in March are: rain – 6.35%, mist – 4.73%, drizzle – 0.87%.

The activity of thunderstorms in March constitutes 0.02%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

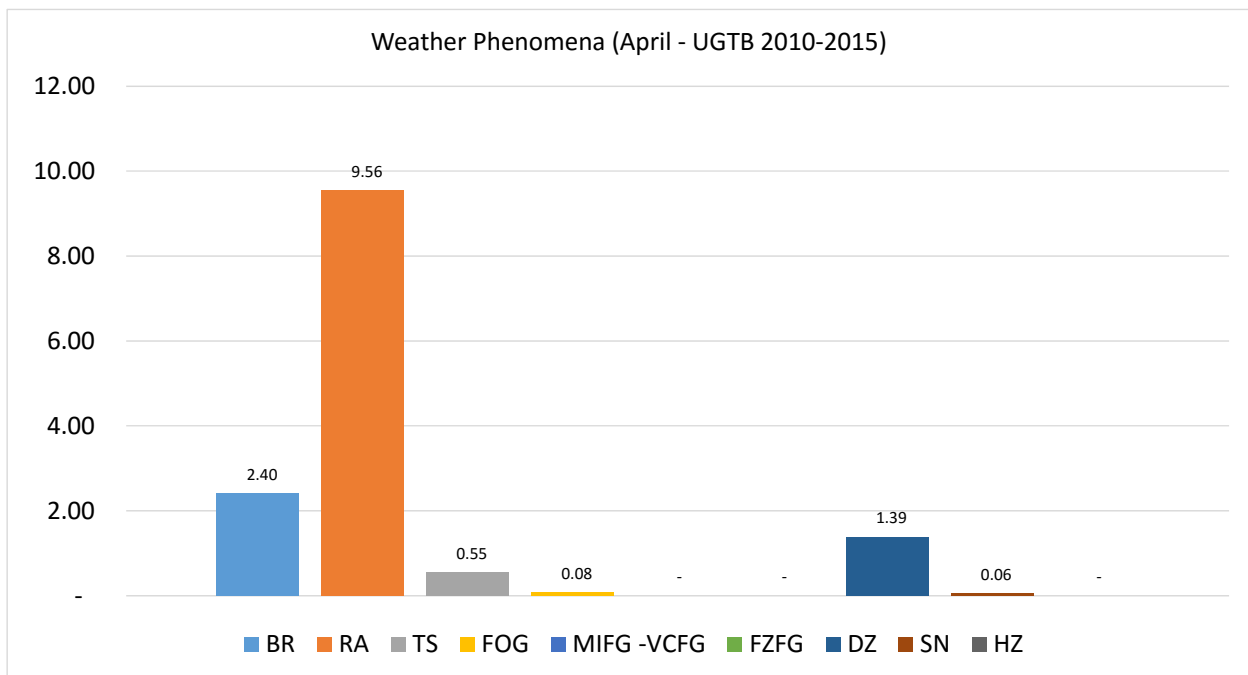
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.72	12.07	-	-	-	-	1.15	-	-
0030	1.69	10.17	-	-	-	-	2.26	-	-
0100	2.25	12.36	0.56	-	-	-	2.25	-	-
0130	1.69	7.91	0.56	0.56	-	-	2.82	-	-
0200	3.33	10.56	-	1.11	-	-	1.11	-	-
0230	6.90	9.77	-	0.57	-	-	1.15	-	-
0300	7.43	8.57	-	-	-	-	-	0.57	-
0330	7.95	10.23	-	-	-	-	0.57	0.57	-
0400	7.47	9.20	-	-	-	-	2.30	-	-
0430	5.65	9.04	-	-	-	-	2.26	-	-
0500	4.52	9.04	-	-	-	-	2.82	-	-
0530	4.57	8.00	-	-	-	-	2.86	-	-
0600	3.37	7.87	-	0.56	-	-	2.81	-	-
0630	2.84	8.52	-	0.57	-	-	2.27	-	-
0700	3.35	7.26	-	-	-	-	1.68	1.12	-
0730	1.74	6.98	-	-	-	-	1.74	-	-
0800	1.70	7.95	-	-	-	-	1.14	-	-
0830	1.69	8.43	-	-	-	-	1.69	-	-
0900	1.69	9.04	-	-	-	-	2.26	-	-
0930	1.16	8.09	0.58	-	-	-	1.73	-	-
1000	0.56	6.78	0.56	-	-	-	1.69	-	-
1030	1.16	10.40	0.58	-	-	-	1.73	-	-
1100	1.11	7.78	-	-	-	-	1.11	-	-
1130	1.12	10.61	0.56	-	-	-	1.68	-	-
1200	1.13	7.91	0.56	-	-	-	1.13	-	-
1230	1.14	10.80	2.27	-	-	-	0.57	-	-
1300	0.56	11.17	3.35	-	-	-	1.12	-	-
1330	0.57	9.71	1.14	-	-	-	0.57	-	-
1400	0.56	10.06	1.68	-	-	-	-	-	-
1430	0.56	8.43	1.12	-	-	-	0.56	-	-
1500	1.13	8.47	1.13	-	-	-	-	-	-
1530	1.70	10.23	1.70	-	-	-	-	-	-
1600	2.25	8.99	0.56	-	-	-	-	-	-
1630	1.69	9.04	2.26	-	-	-	1.13	-	-
1700	1.68	8.94	1.12	-	-	-	0.56	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	2.22	10.00	1.11	-	-	-	1.11	-	-
1800	2.22	10.56	1.11	-	-	-	1.67	-	-
1830	2.25	8.43	1.12	-	-	-	2.25	-	-
1900	2.78	9.44	0.56	-	-	-	1.11	0.56	-
1930	2.23	11.17	0.56	-	-	-	1.68	-	-
2000	1.68	10.61	1.12	-	-	-	1.12	-	-
2030	2.79	11.17	0.56	-	-	-	1.12	-	-
2100	2.25	9.55	-	-	-	-	1.12	-	-
2130	1.12	12.36	-	-	-	-	1.12	-	-
2200	1.69	12.92	-	-	-	-	1.12	-	-
2230	1.67	12.22	-	-	-	-	1.67	-	-
2300	1.69	8.99	-	-	-	-	1.12	-	-
2330	1.14	10.86	-	0.57	-	-	1.71	-	-
Mean	2.40	9.56	0.55	0.08	-	-	1.39	0.06	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in April are: rain – 9.56%, mist – 2.40%, drizzle – 1.39%.

The activity of thunderstorms in April constitutes 0.55%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

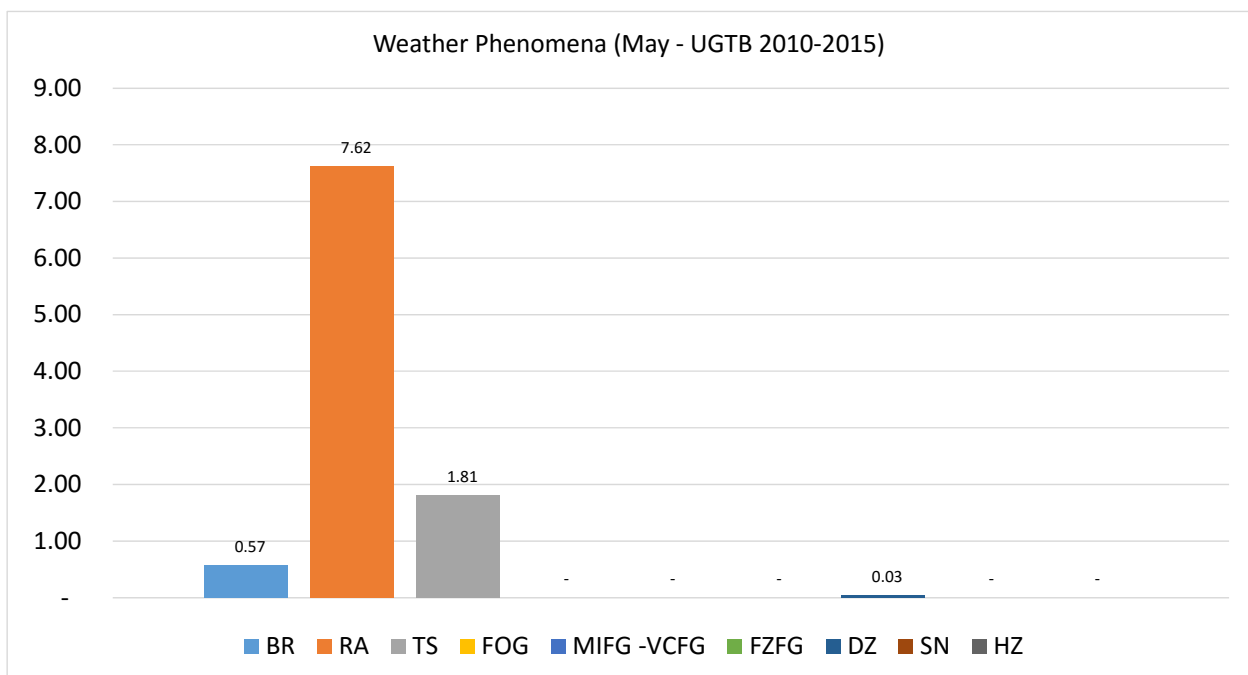
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	7.43	1.14	-	-	-	-	-	-
0030	-	7.65	1.64	-	-	-	-	-	-
0100	0.55	8.74	-	-	-	-	-	-	-
0130	1.08	7.03	-	-	-	-	-	-	-
0200	1.07	5.35	-	-	-	-	-	-	-
0230	1.08	6.45	-	-	-	-	-	-	-
0300	0.55	6.08	-	-	-	-	-	-	-
0330	0.54	8.11	1.08	-	-	-	-	-	-
0400	0.54	8.11	1.62	-	-	-	0.54	-	-
0430	0.56	6.11	-	-	-	-	0.56	-	-
0500	0.54	5.95	-	-	-	-	-	-	-
0530	-	6.04	-	-	-	-	-	-	-
0600	0.54	5.38	-	-	-	-	-	-	-
0630	0.55	6.63	0.55	-	-	-	-	-	-
0700	0.56	6.11	-	-	-	-	-	-	-
0730	1.63	5.43	-	-	-	-	-	-	-
0800	1.65	4.95	1.10	-	-	-	-	-	-
0830	1.11	5.56	0.56	-	-	-	-	-	-
0900	1.10	4.97	1.10	-	-	-	-	-	-
0930	1.14	5.68	1.14	-	-	-	-	-	-
1000	1.13	7.91	2.26	-	-	-	-	-	-
1030	1.12	8.43	3.37	-	-	-	-	-	-
1100	0.56	7.30	1.69	-	-	-	-	-	-
1130	0.56	6.74	2.25	-	-	-	-	-	-
1200	-	6.70	1.68	-	-	-	-	-	-
1230	-	9.04	1.13	-	-	-	-	-	-
1300	-	7.91	3.39	-	-	-	-	-	-
1330	-	8.00	5.14	-	-	-	-	-	-
1400	0.56	7.91	4.52	-	-	-	-	-	-
1430	0.56	7.78	5.56	-	-	-	-	-	-
1500	0.56	7.78	2.78	-	-	-	-	-	-
1530	0.55	9.34	3.30	-	-	-	-	-	-
1600	1.10	10.50	4.42	-	-	-	-	-	-
1630	-	9.94	3.87	-	-	-	-	-	-
1700	-	9.09	2.84	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	8.84	3.31	-	-	-	0.55	-	-
1800	-	10.50	3.87	-	-	-	-	-	-
1830	0.55	8.29	3.31	-	-	-	-	-	-
1900	0.55	8.79	2.75	-	-	-	-	-	-
1930	0.54	6.99	2.69	-	-	-	-	-	-
2000	0.54	7.61	4.35	-	-	-	-	-	-
2030	0.56	9.44	2.78	-	-	-	-	-	-
2100	0.56	10.61	2.79	-	-	-	-	-	-
2130	0.55	9.89	1.65	-	-	-	-	-	-
2200	0.54	7.53	0.54	-	-	-	-	-	-
2230	0.54	8.11	-	-	-	-	-	-	-
2300	0.55	8.84	-	-	-	-	-	-	-
2330	0.56	8.33	0.56	-	-	-	-	-	-
Mean	0.57	7.62	1.81	-	-	-	0.03	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in May are: rain – 7.62%, mist – 0.57%, drizzle – 0.03%.

The activity of thunderstorms in May constitutes 1.81%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

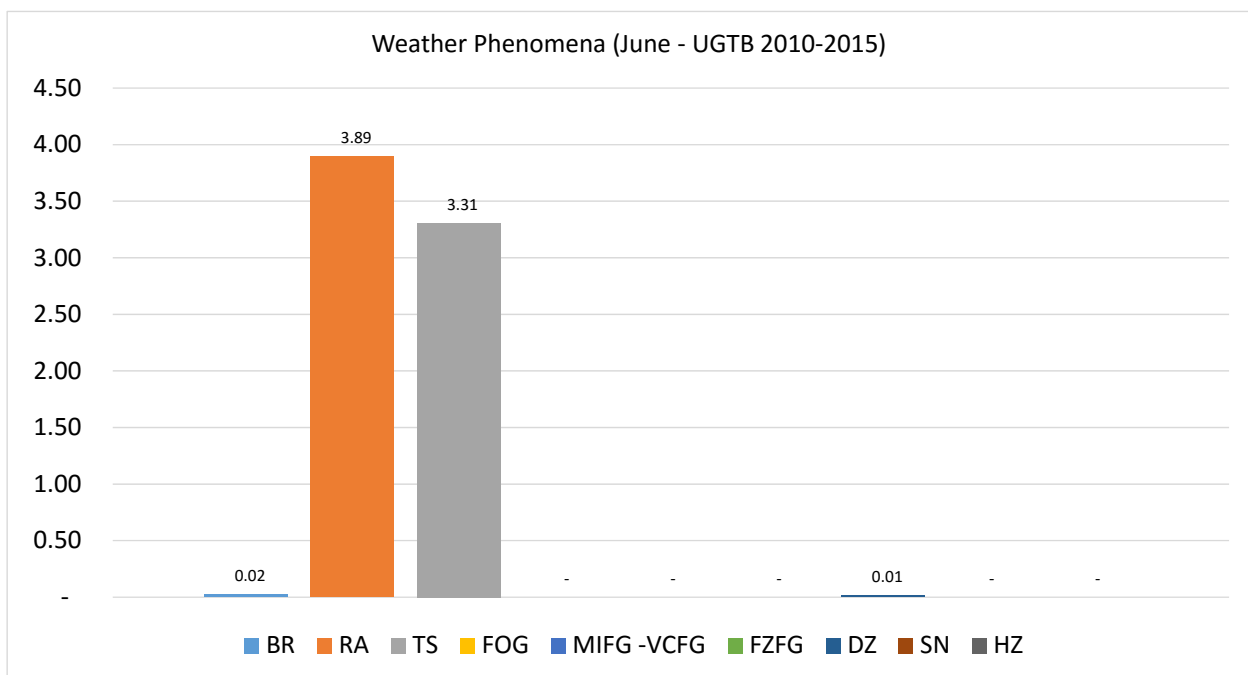
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	2.76	1.10	-	-	-	-	-	-
0030	-	2.76	2.21	-	-	-	-	-	-
0100	-	2.72	2.17	-	-	-	-	-	-
0130	-	2.81	1.12	-	-	-	-	-	-
0200	-	3.31	1.10	-	-	-	-	-	-
0230	-	3.35	0.56	-	-	-	-	-	-
0300	-	1.68	-	-	-	-	-	-	-
0330	-	2.75	0.55	-	-	-	-	-	-
0400	0.56	2.78	1.11	-	-	-	-	-	-
0430	-	1.67	0.56	-	-	-	-	-	-
0500	-	1.66	0.55	-	-	-	-	-	-
0530	-	1.68	-	-	-	-	-	-	-
0600	-	1.66	-	-	-	-	-	-	-
0630	-	2.79	-	-	-	-	-	-	-
0700	-	1.66	-	-	-	-	-	-	-
0730	-	1.13	-	-	-	-	-	-	-
0800	-	1.12	-	-	-	-	-	-	-
0830	-	0.57	-	-	-	-	-	-	-
0900	-	1.64	1.09	-	-	-	-	-	-
0930	-	1.68	1.12	-	-	-	-	-	-
1000	-	2.79	1.68	-	-	-	-	-	-
1030	-	1.12	1.12	-	-	-	-	-	-
1100	-	2.23	1.68	-	-	-	-	-	-
1130	-	2.79	1.12	-	-	-	-	-	-
1200	-	3.39	2.26	-	-	-	-	-	-
1230	-	2.29	2.29	-	-	-	-	-	-
1300	-	2.81	3.93	-	-	-	-	-	-
1330	-	5.08	5.08	-	-	-	0.56	-	-
1400	-	5.03	5.03	-	-	-	-	-	-
1430	-	5.62	6.74	-	-	-	-	-	-
1500	-	4.60	9.20	-	-	-	-	-	-
1530	-	5.65	7.34	-	-	-	-	-	-
1600	-	2.79	4.47	-	-	-	-	-	-
1630	-	5.68	6.25	-	-	-	-	-	-
1700	0.56	3.93	7.30	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	7.18	8.84	-	-	-	-	-	-
1800	-	5.52	9.39	-	-	-	-	-	-
1830	-	7.14	9.34	-	-	-	-	-	-
1900	-	5.08	6.78	-	-	-	-	-	-
1930	-	7.26	8.38	-	-	-	-	-	-
2000	-	7.26	8.94	-	-	-	-	-	-
2030	-	11.60	8.84	-	-	-	-	-	-
2100	-	8.29	5.52	-	-	-	-	-	-
2130	-	8.29	4.42	-	-	-	-	-	-
2200	-	7.26	3.35	-	-	-	-	-	-
2230	-	5.62	2.81	-	-	-	-	-	-
2300	-	5.00	1.67	-	-	-	-	-	-
2330	-	3.41	1.70	-	-	-	-	-	-
Mean	0.02	3.89	3.31	-	-	-	0.01	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in June are: rain – 3.89%, mist – 0.02%, drizzle – 0.01%.

The activity of thunderstorms in June constitutes 3.31%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

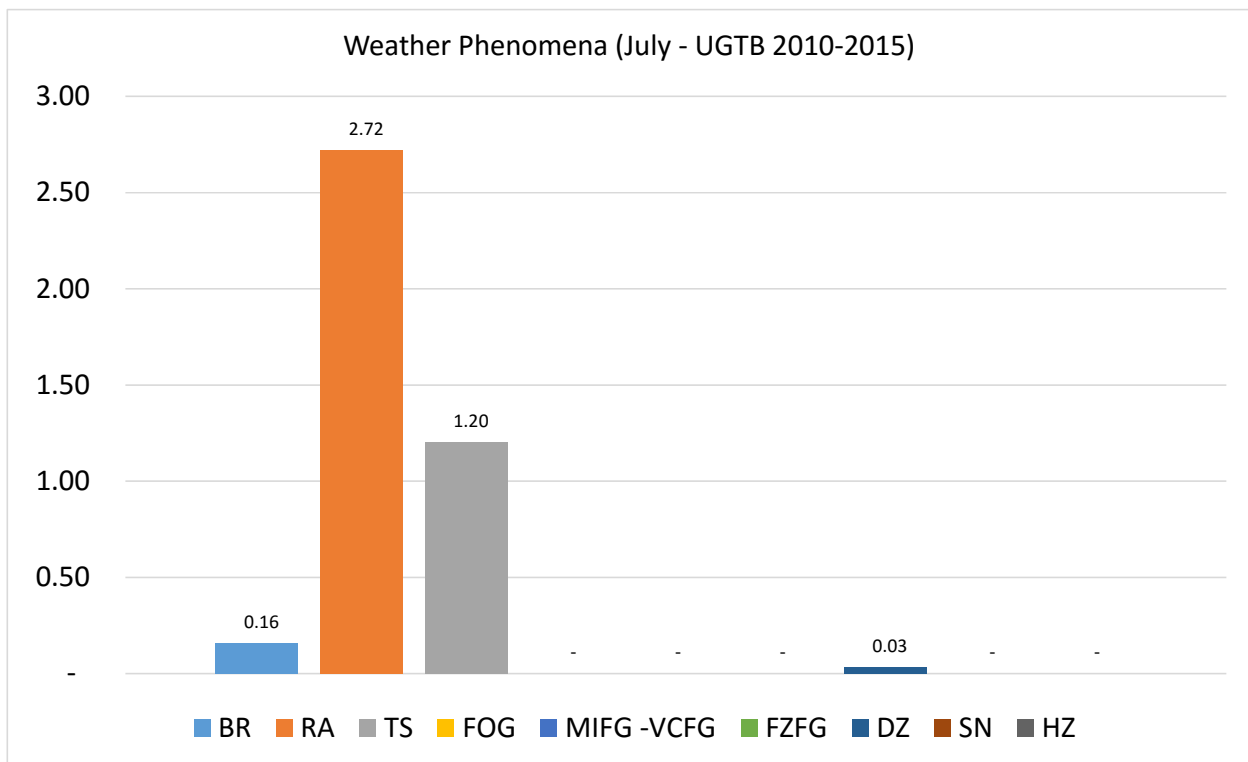
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	2.19	1.09	-	-	-	-	-	-
0030	-	2.69	0.54	-	-	-	-	-	-
0100	-	2.67	1.60	-	-	-	-	-	-
0130	-	4.32	0.54	-	-	-	1.08	-	-
0200	-	4.30	0.54	-	-	-	-	-	-
0230	0.54	3.80	-	-	-	-	-	-	-
0300	0.54	2.69	0.54	-	-	-	-	-	-
0330	0.54	3.24	0.54	-	-	-	-	-	-
0400	-	2.69	-	-	-	-	-	-	-
0430	0.55	2.19	-	-	-	-	-	-	-
0500	0.54	2.15	-	-	-	-	-	-	-
0530	0.55	1.64	-	-	-	-	-	-	-
0600	0.55	1.10	-	-	-	-	-	-	-
0630	0.55	1.10	0.55	-	-	-	-	-	-
0700	0.55	1.09	-	-	-	-	-	-	-
0730	0.54	0.54	-	-	-	-	-	-	-
0800	0.54	1.62	-	-	-	-	-	-	-
0830	0.54	1.08	-	-	-	-	-	-	-
0900	0.54	0.54	-	-	-	-	-	-	-
0930	0.55	0.55	0.55	-	-	-	-	-	-
1000	-	1.09	0.55	-	-	-	-	-	-
1030	-	1.65	1.10	-	-	-	-	-	-
1100	-	-	0.56	-	-	-	-	-	-
1130	-	0.55	-	-	-	-	-	-	-
1200	-	1.10	-	-	-	-	-	-	-
1230	-	0.55	1.10	-	-	-	-	-	-
1300	-	-	2.19	-	-	-	-	-	-
1330	-	0.54	2.16	-	-	-	0.54	-	-
1400	-	1.64	2.19	-	-	-	-	-	-
1430	-	2.69	3.23	-	-	-	-	-	-
1500	-	2.67	2.67	-	-	-	-	-	-
1530	-	3.91	2.79	-	-	-	-	-	-
1600	-	3.76	3.76	-	-	-	-	-	-
1630	-	5.06	3.93	-	-	-	-	-	-
1700	-	5.00	3.89	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	4.89	3.26	-	-	-	-	-	-
1800	-	5.35	2.14	-	-	-	-	-	-
1830	-	2.15	2.15	-	-	-	-	-	-
1900	-	4.37	1.09	-	-	-	-	-	-
1930	-	6.49	1.08	-	-	-	-	-	-
2000	-	4.95	1.65	-	-	-	-	-	-
2030	-	5.52	0.55	-	-	-	-	-	-
2100	-	4.32	2.16	-	-	-	-	-	-
2130	-	4.30	2.15	-	-	-	-	-	-
2200	-	4.92	1.09	-	-	-	-	-	-
2230	-	4.37	1.09	-	-	-	-	-	-
2300	-	4.30	1.61	-	-	-	-	-	-
2330	-	2.25	1.12	-	-	-	-	-	-
Mean	0.16	2.72	1.20	-	-	-	0.03	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in July are: rain – 2.72%, mist – 0.16%, drizzle – 0.03%.

The activity of thunderstorms in July constitutes 1.20%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

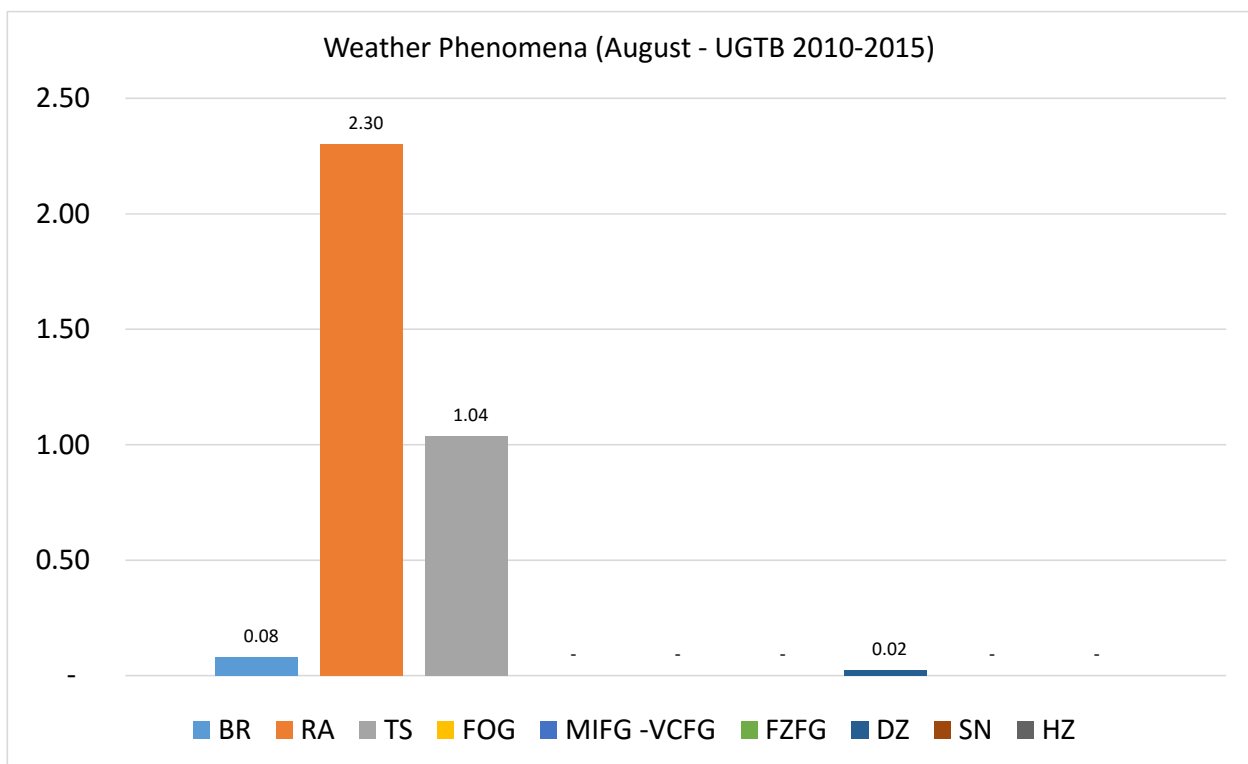
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	2.27	1.14	-	-	-	-	-	-
0030	-	3.31	1.66	-	-	-	-	-	-
0100	0.55	2.19	1.09	-	-	-	0.55	-	-
0130	0.56	5.00	2.22	-	-	-	-	-	-
0200	0.56	4.44	1.11	-	-	-	-	-	-
0230	0.55	3.83	1.09	-	-	-	-	-	-
0300	-	2.20	0.55	-	-	-	-	-	-
0330	-	1.09	-	-	-	-	-	-	-
0400	-	2.19	0.55	-	-	-	-	-	-
0430	-	1.68	-	-	-	-	-	-	-
0500	-	2.16	-	-	-	-	-	-	-
0530	-	3.30	-	-	-	-	-	-	-
0600	0.54	2.17	-	-	-	-	0.54	-	-
0630	0.54	1.09	-	-	-	-	-	-	-
0700	-	0.54	-	-	-	-	-	-	-
0730	0.55	1.09	-	-	-	-	-	-	-
0800	-	1.63	-	-	-	-	-	-	-
0830	-	0.55	-	-	-	-	-	-	-
0900	-	1.09	-	-	-	-	-	-	-
0930	-	2.78	0.56	-	-	-	-	-	-
1000	-	0.55	0.55	-	-	-	-	-	-
1030	-	-	-	-	-	-	-	-	-
1100	-	-	-	-	-	-	-	-	-
1130	-	0.55	0.55	-	-	-	-	-	-
1200	-	0.55	-	-	-	-	-	-	-
1230	-	1.66	-	-	-	-	-	-	-
1300	-	1.65	0.55	-	-	-	-	-	-
1330	-	1.09	0.54	-	-	-	-	-	-
1400	-	1.63	1.63	-	-	-	-	-	-
1430	-	2.19	2.19	-	-	-	-	-	-
1500	-	2.69	3.23	-	-	-	-	-	-
1530	-	2.17	3.80	-	-	-	-	-	-
1600	-	4.35	3.26	-	-	-	-	-	-
1630	-	2.72	3.80	-	-	-	-	-	-
1700	-	2.70	1.62	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	2.25	1.69	-	-	-	-	-	-
1800	-	2.19	1.09	-	-	-	-	-	-
1830	-	2.76	1.66	-	-	-	-	-	-
1900	-	2.76	2.21	-	-	-	-	-	-
1930	-	3.89	2.22	-	-	-	-	-	-
2000	-	2.73	2.73	-	-	-	-	-	-
2030	-	2.75	0.55	-	-	-	-	-	-
2100	-	3.30	0.55	-	-	-	-	-	-
2130	-	4.42	2.21	-	-	-	-	-	-
2200	-	3.78	2.16	-	-	-	-	-	-
2230	-	3.85	-	-	-	-	-	-	-
2300	-	3.87	0.55	-	-	-	-	-	-
2330	-	2.81	0.56	-	-	-	-	-	-
Mean	0.08	2.30	1.04	-	-	-	0.02	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in August are: rain – 2.30%, mist – 0.08%, drizzle – 0.02%.

The activity of thunderstorms in August constitutes 1.04%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

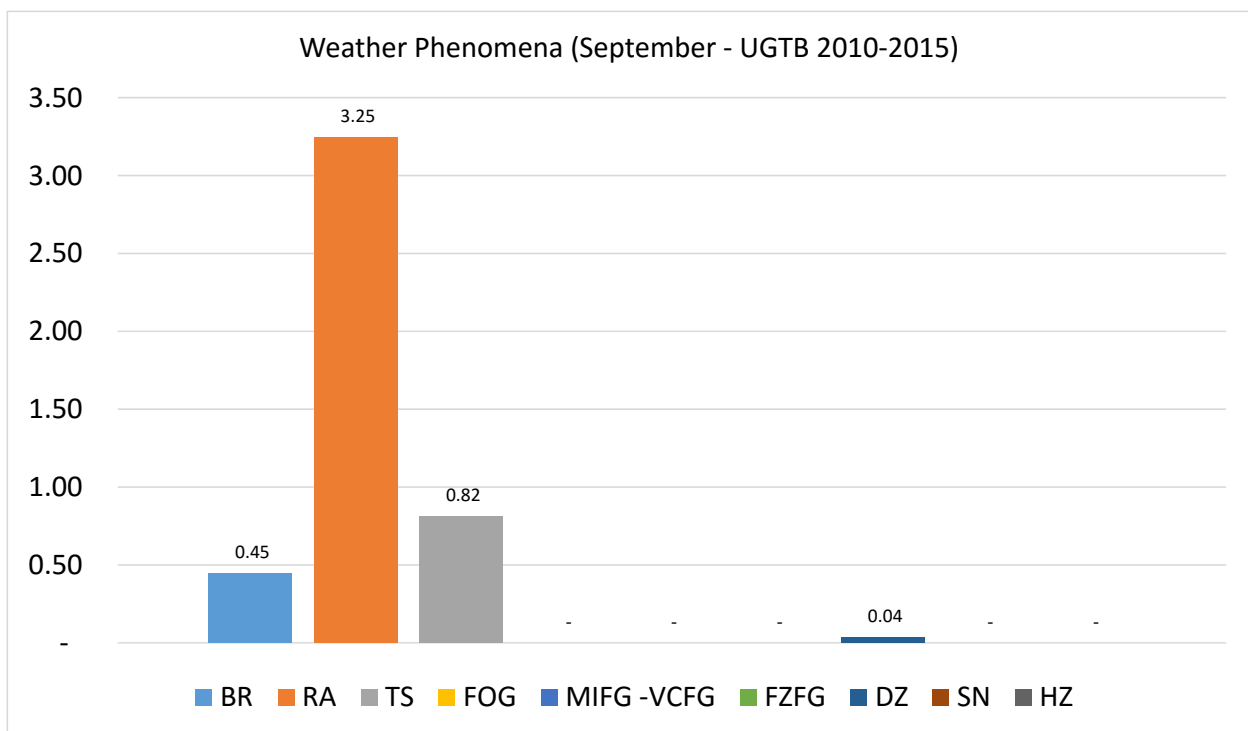
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	0.58	4.07	1.16	-	-	-	-	-	-
0030	0.57	4.55	0.57	-	-	-	-	-	-
0100	0.56	4.47	-	-	-	-	-	-	-
0130	-	3.95	0.56	-	-	-	-	-	-
0200	-	2.29	-	-	-	-	-	-	-
0230	0.56	2.82	-	-	-	-	-	-	-
0300	0.56	3.37	-	-	-	-	-	-	-
0330	1.12	1.69	1.12	-	-	-	-	-	-
0400	1.69	2.82	0.56	-	-	-	-	-	-
0430	1.12	2.81	-	-	-	-	-	-	-
0500	0.57	1.71	0.57	-	-	-	-	-	-
0530	1.17	1.75	0.58	-	-	-	-	-	-
0600	1.14	2.86	0.57	-	-	-	-	-	-
0630	0.57	2.27	-	-	-	-	0.57	-	-
0700	-	2.25	-	-	-	-	-	-	-
0730	-	1.16	-	-	-	-	-	-	-
0800	-	1.13	0.56	-	-	-	0.56	-	-
0830	-	-	-	-	-	-	-	-	-
0900	-	1.14	-	-	-	-	-	-	-
0930	-	0.58	-	-	-	-	-	-	-
1000	0.56	1.12	0.56	-	-	-	-	-	-
1030	0.56	1.69	1.13	-	-	-	-	-	-
1100	0.57	2.29	1.14	-	-	-	-	-	-
1130	-	2.87	1.72	-	-	-	-	-	-
1200	0.56	2.26	0.56	-	-	-	-	-	-
1230	0.56	3.93	0.56	-	-	-	-	-	-
1300	0.58	2.89	0.58	-	-	-	-	-	-
1330	0.57	3.41	-	-	-	-	-	-	-
1400	0.57	3.98	1.14	-	-	-	-	-	-
1430	0.57	2.86	0.57	-	-	-	-	-	-
1500	-	0.57	0.57	-	-	-	-	-	-
1530	0.57	3.41	-	-	-	-	-	-	-
1600	0.57	5.68	3.41	-	-	-	-	-	-
1630	0.56	6.78	3.39	-	-	-	-	-	-
1700	0.57	7.95	2.27	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	5.06	2.25	-	-	-	-	-	-
1800	-	2.81	2.25	-	-	-	-	-	-
1830	-	5.06	2.25	-	-	-	-	-	-
1900	-	5.65	2.26	-	-	-	-	-	-
1930	-	5.11	1.70	-	-	-	-	-	-
2000	-	4.55	1.14	-	-	-	-	-	-
2030	0.56	5.62	1.12	-	-	-	-	-	-
2100	0.57	3.98	0.57	-	-	-	0.57	-	-
2130	0.56	3.95	0.56	-	-	-	-	-	-
2200	0.57	2.27	-	-	-	-	-	-	-
2230	0.57	3.45	-	-	-	-	-	-	-
2300	0.56	3.93	-	-	-	-	-	-	-
2330	0.57	5.11	1.14	-	-	-	-	-	-
Mean	0.45	3.25	0.82	-	-	-	0.04	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in September are: rain – 3.25%, mist – 0.45%, 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

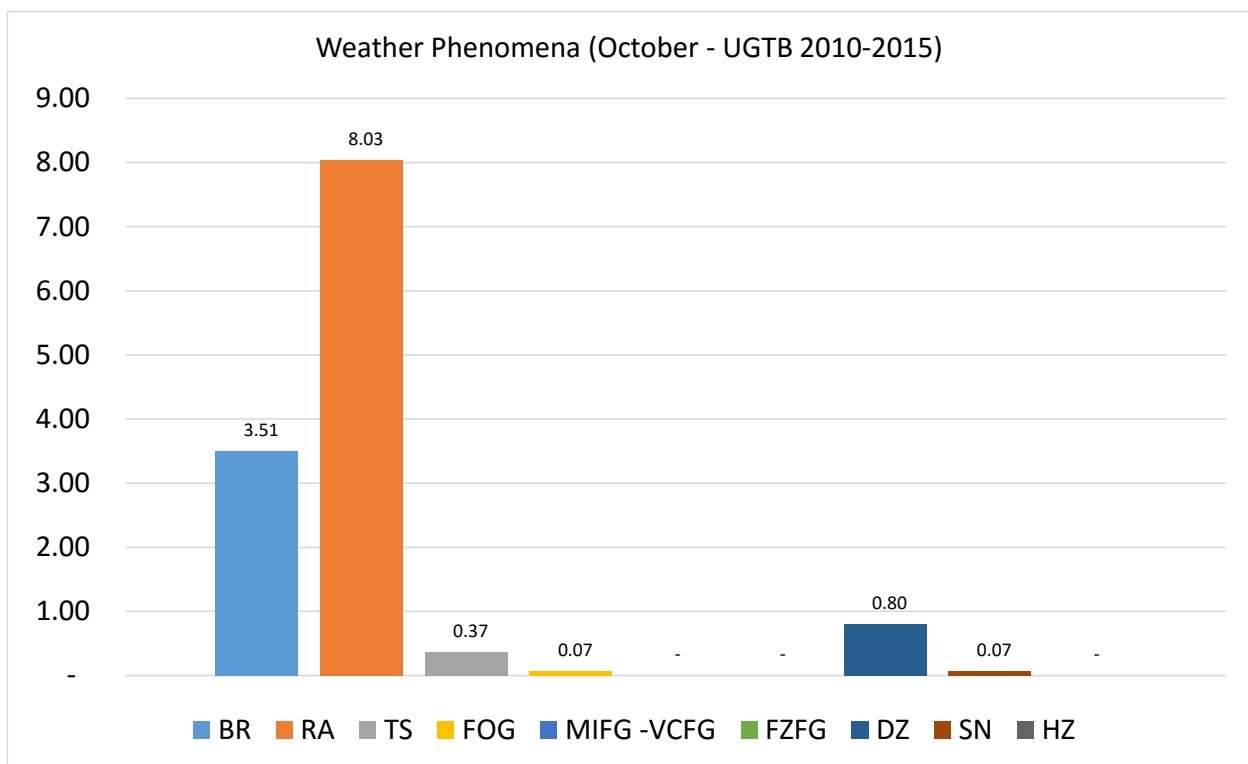
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.79	8.38	1.12	-	-	-	1.12	0.56	-
0030	4.35	10.87	0.54	-	-	-	1.63	-	-
0100	3.78	10.81	-	1.08	-	-	1.08	-	-
0130	4.92	9.29	-	-	-	-	1.09	-	-
0200	7.03	9.19	-	-	-	-	0.54	-	-
0230	6.01	8.74	-	0.55	-	-	0.55	-	-
0300	6.49	11.35	-	-	-	-	1.08	-	-
0330	8.84	8.84	-	-	-	-	2.21	-	-
0400	7.69	9.34	-	0.55	-	-	0.55	-	-
0430	8.15	9.78	-	-	-	-	0.54	-	-
0500	9.84	11.48	0.55	-	-	-	1.09	-	-
0530	7.69	10.44	-	-	-	-	0.55	-	-
0600	8.24	7.14	-	-	-	-	1.65	-	-
0630	5.49	7.69	0.55	-	-	-	1.65	-	-
0700	5.52	8.84	-	-	-	-	1.10	-	-
0730	5.52	6.63	-	-	-	-	2.21	-	-
0800	3.87	8.29	-	-	-	-	1.10	-	-
0830	3.93	6.74	-	-	-	-	1.12	-	-
0900	2.75	4.40	-	-	-	-	1.10	-	-
0930	2.21	7.18	-	-	-	-	-	-	-
1000	2.23	5.03	-	-	-	-	-	-	-
1030	2.20	7.14	-	-	-	-	-	-	-
1100	1.66	6.08	-	-	-	-	-	-	-
1130	2.20	5.49	-	-	-	-	0.55	-	-
1200	1.66	4.42	0.55	-	-	-	1.10	-	-
1230	1.66	7.73	1.10	-	-	-	0.55	-	-
1300	2.72	7.61	0.54	-	-	-	-	-	-
1330	1.10	8.29	-	-	-	-	0.55	-	-
1400	1.62	6.49	-	-	-	-	1.08	-	-
1430	1.09	7.65	1.09	-	-	-	-	-	-
1500	0.55	7.14	2.20	-	-	-	-	-	-
1530	-	7.69	1.10	-	-	-	-	-	-
1600	-	8.11	1.08	-	-	-	-	-	-
1630	1.08	7.03	0.54	-	-	-	-	-	-
1700	0.54	5.41	-	-	-	-	0.54	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.54	6.52	1.09	-	-	-	-	-	-
1800	1.08	7.53	1.08	-	-	-	0.54	-	-
1830	0.55	7.18	1.10	-	-	-	1.10	-	-
1900	2.17	10.33	0.54	-	-	-	1.09	-	-
1930	3.24	8.11	-	-	-	-	1.62	-	-
2000	2.17	7.61	-	-	-	-	0.54	-	-
2030	2.17	7.61	-	-	-	-	0.54	-	-
2100	3.30	8.24	-	-	-	-	1.10	-	-
2130	3.33	9.44	0.56	-	-	-	1.67	0.56	-
2200	3.30	8.79	0.55	-	-	-	0.55	0.55	-
2230	3.30	9.34	-	0.55	-	-	1.10	0.55	-
2300	3.28	8.20	0.55	0.55	-	-	1.64	0.55	-
2330	4.42	9.94	1.10	-	-	-	0.55	0.55	-
Mean	3.51	8.03	0.37	0.07	-	-	0.80	0.07	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in October are: rain – 8.03%, mist – 3.51%, drizzle – 0.80%.

The activity of thunderstorms in October constitutes 0.37%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8640

OBSERVATION INTERVAL: 30 MIN.

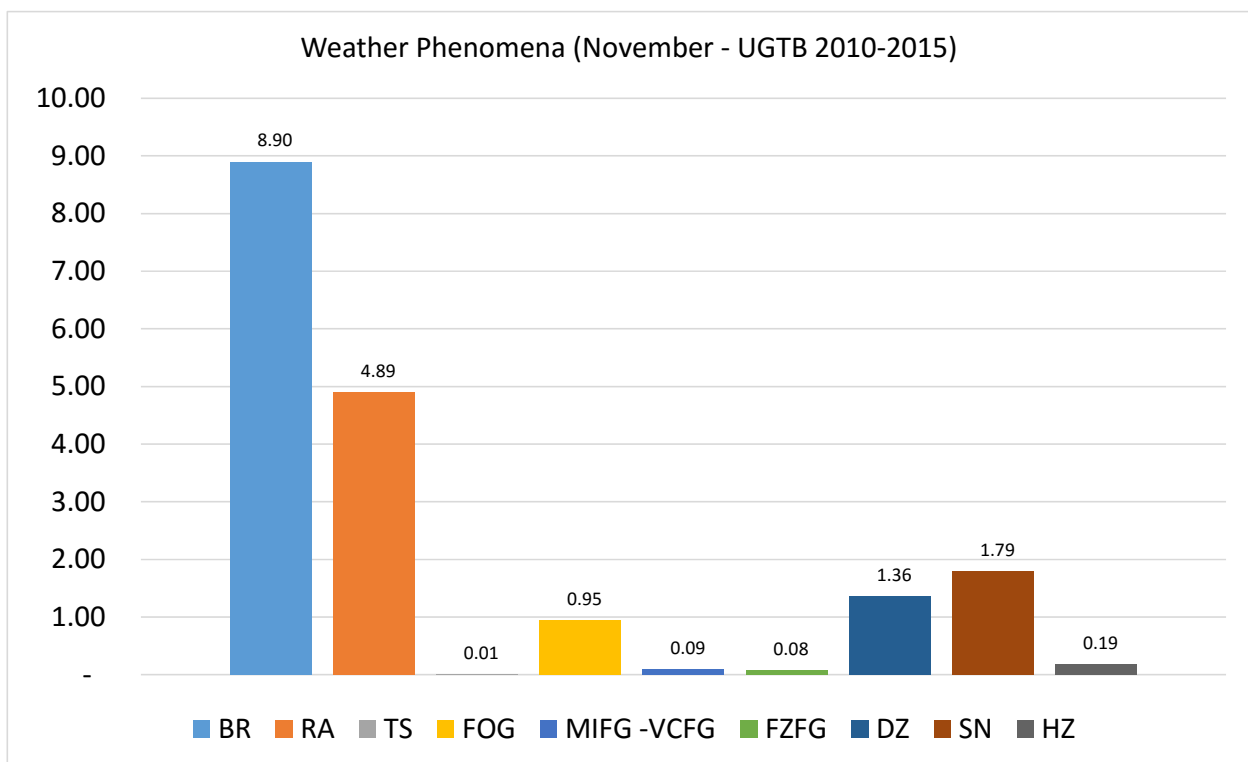
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	9.04	5.65	-	1.13	-	-	2.26	1.13	-
0030	10.17	5.65	-	0.56	-	-	2.26	1.13	-
0100	11.73	6.70	-	-	-	-	0.56	2.23	-
0130	10.11	5.62	-	0.56	-	-	1.69	2.81	-
0200	10.73	6.21	-	1.13	-	-	-	2.82	-
0230	6.78	6.78	-	1.69	0.56	0.56	0.56	2.82	-
0300	7.34	5.65	-	1.13	0.56	0.56	-	2.82	-
0330	8.38	4.47	-	1.68	0.56	0.56	0.56	2.23	-
0400	14.12	3.39	-	3.39	-	0.56	2.26	2.26	-
0430	15.64	3.91	-	3.35	-	0.56	2.23	1.68	-
0500	16.29	5.62	-	2.25	-	0.56	0.56	2.25	-
0530	16.95	4.52	-	1.13	-	0.56	0.56	2.26	-
0600	15.91	4.55	-	2.84	-	-	1.70	2.27	-
0630	14.61	3.93	-	1.69	-	-	2.25	1.69	-
0700	13.97	5.03	-	1.12	-	-	1.68	1.68	-
0730	13.56	5.08	-	1.13	-	-	0.56	1.69	-
0800	11.36	5.11	-	2.27	-	-	-	1.70	-
0830	11.30	3.39	-	1.13	-	-	0.56	1.69	-
0900	10.06	3.91	-	1.12	-	-	1.12	1.12	-
0930	10.23	4.55	-	0.57	-	-	-	1.14	-
1000	7.26	4.47	-	1.12	-	-	1.12	1.12	-
1030	6.18	6.18	-	1.12	-	-	1.69	2.25	-
1100	5.62	4.49	-	0.56	-	-	1.69	2.25	-
1130	6.18	5.62	-	0.56	-	-	0.56	1.12	-
1200	6.11	5.56	-	0.56	-	-	1.11	1.67	-
1230	6.32	5.75	-	0.57	-	-	1.15	1.72	-
1300	5.52	4.42	-	0.55	-	-	2.76	1.66	0.55
1330	8.38	6.15	-	-	-	-	-	1.12	1.68
1400	9.55	5.06	-	-	-	-	0.56	1.12	1.69
1430	5.62	5.06	-	0.56	-	-	0.56	1.69	1.69
1500	4.52	3.95	-	-	0.56	-	1.69	1.69	1.13
1530	5.11	4.55	-	0.57	-	-	1.70	1.14	1.14
1600	5.08	4.52	-	0.56	-	-	2.26	1.69	0.56
1630	4.44	5.00	-	0.56	-	-	1.67	1.67	-
1700	4.47	6.15	-	-	-	-	2.23	2.23	0.56

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	4.47	4.47	-	1.12	-	-	1.12	1.68	-
1800	5.14	4.00	-	-	-	-	1.14	1.71	-
1830	7.26	4.47	0.56	-	-	-	1.68	1.12	-
1900	7.22	5.00	-	0.56	-	-	1.67	1.67	-
1930	6.15	3.35	-	0.56	0.56	-	0.56	1.68	-
2000	7.22	3.89	-	-	0.56	-	1.67	1.11	-
2030	8.99	4.49	-	1.12	-	-	1.12	1.69	-
2100	8.94	3.35	-	0.56	0.56	-	1.68	2.23	-
2130	8.89	4.44	-	0.56	0.56	-	3.33	2.22	-
2200	9.50	5.59	-	0.56	-	-	3.35	1.12	-
2230	8.99	5.62	-	0.56	-	-	1.69	2.25	-
2300	8.47	5.08	-	1.13	-	-	1.69	2.26	-
2330	7.39	4.55	-	1.70	-	-	2.27	1.70	-
Mean	8.90	4.89	0.01	0.95	0.09	0.08	1.36	1.79	0.19



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in November are: mist – 8.90%, rain – 4.89%, snow – 1.79%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8928

OBSERVATION INTERVAL: 30 MIN.

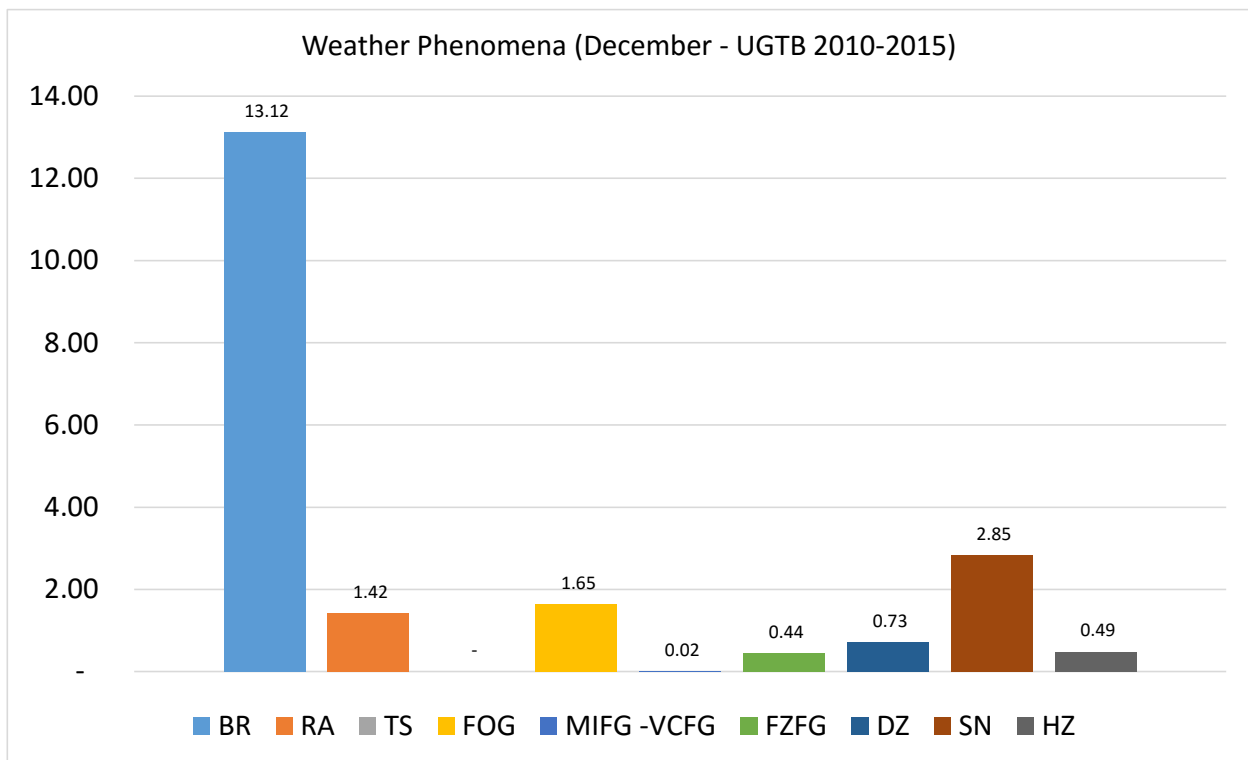
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	12.97	1.62	-	2.70	-	0.54	-	3.24	-
0030	13.51	1.08	-	2.16	-	1.08	0.54	3.24	-
0100	14.67	1.09	-	2.17	-	1.09	0.54	2.72	-
0130	13.04	1.09	-	2.17	-	1.63	-	2.17	-
0200	12.57	1.64	-	2.19	-	1.64	-	2.73	-
0230	11.23	1.07	-	2.67	-	1.07	0.53	1.60	-
0300	10.38	1.09	-	3.83	-	1.09	0.55	2.19	-
0330	10.87	1.09	-	3.80	-	0.54	0.54	2.17	-
0400	12.37	0.54	-	3.23	-	1.08	1.61	2.69	-
0430	18.48	0.54	-	3.26	-	1.09	1.09	2.17	-
0500	17.49	1.64	-	3.83	-	1.09	1.64	1.64	-
0530	17.13	1.66	-	3.87	-	0.55	1.10	2.21	-
0600	20.65	2.17	-	1.09	-	0.54	1.09	2.72	-
0630	22.22	1.11	-	1.67	-	-	1.67	2.22	-
0700	17.49	0.55	-	2.73	-	-	2.19	2.73	-
0730	14.67	1.09	-	2.72	-	-	1.63	2.72	-
0800	16.85	1.63	-	0.54	-	-	1.09	3.26	-
0830	16.02	1.66	-	-	-	-	1.10	3.87	-
0900	14.36	1.66	-	0.55	-	-	1.66	3.87	-
0930	12.57	1.09	-	0.55	-	-	1.09	3.83	-
1000	12.50	1.09	-	0.54	-	-	0.54	2.72	-
1030	12.57	1.09	-	-	-	-	1.09	2.73	1.64
1100	12.71	1.10	-	-	-	-	1.10	3.87	1.10
1130	9.94	1.66	-	-	-	-	0.55	3.31	1.66
1200	9.84	2.19	-	-	-	-	0.55	3.28	2.19
1230	12.09	2.75	-	-	-	-	1.10	3.30	3.30
1300	15.14	2.70	-	-	-	-	-	3.24	3.78
1330	17.03	1.65	-	-	-	-	-	3.30	3.30
1400	15.14	1.08	-	-	0.54	-	0.54	2.70	3.24
1430	11.29	1.08	-	-	0.54	-	-	2.15	1.08
1500	12.02	1.64	-	-	-	-	-	2.19	0.55
1530	10.75	1.61	-	1.08	-	-	-	2.15	0.54
1600	10.38	1.09	-	1.09	-	0.55	1.09	2.19	0.55
1630	11.96	1.09	-	1.09	-	-	0.54	2.17	0.54
1700	12.50	0.54	-	1.09	-	-	0.54	2.17	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	10.38	1.09	-	1.09	-	-	0.55	2.19	-
1800	11.35	0.54	-	1.08	-	-	1.08	2.16	-
1830	11.29	1.08	-	0.54	-	-	0.54	1.61	-
1900	10.81	1.62	-	1.08	-	-	0.54	2.16	-
1930	11.35	1.08	-	1.08	-	0.54	0.54	2.16	-
2000	9.68	2.69	-	2.69	-	0.54	0.54	3.23	-
2030	9.29	2.19	-	3.28	-	0.55	0.55	3.28	-
2100	9.29	0.55	-	2.73	-	2.19	1.09	4.37	-
2130	11.89	1.62	-	3.24	-	0.54	1.08	4.32	-
2200	12.97	1.62	-	2.16	-	1.08	1.08	4.32	-
2230	10.81	2.16	-	3.78	-	1.08	-	4.32	-
2300	11.89	2.16	-	3.24	-	0.54	-	3.78	-
2330	13.51	2.16	-	2.70	-	0.54	-	3.24	-
Mean	13.12	1.42	-	1.65	0.02	0.44	0.73	2.85	0.49



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in December are: mist – 13.12%, snow – 2.85%, rain – 1.42%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 25968

OBSERVATION INTERVAL: 30 MIN.

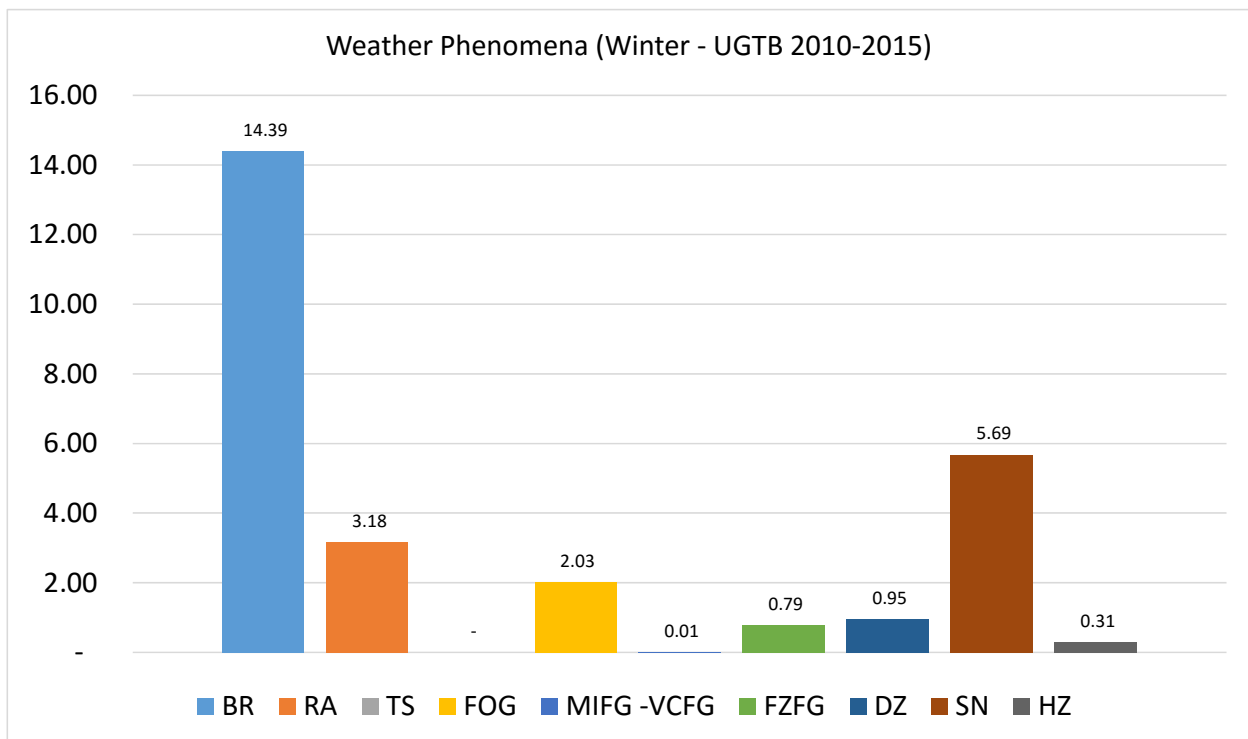
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	14.56	3.11	-	3.11	-	1.17	1.55	6.60	-
0030	14.18	4.41	-	2.87	-	1.92	0.96	7.09	-
0100	14.12	4.64	-	2.71	-	1.55	0.19	6.96	-
0130	14.04	4.29	-	2.53	-	1.36	0.19	6.82	-
0200	14.29	4.83	-	2.70	-	1.35	0.19	6.76	-
0230	13.59	3.88	-	3.88	-	1.36	0.58	7.38	-
0300	12.87	4.09	-	4.29	-	1.36	0.39	7.02	-
0330	12.60	3.49	-	4.65	-	1.55	0.78	7.56	-
0400	15.12	2.91	-	4.46	-	2.13	1.16	7.36	-
0430	20.04	2.95	-	4.32	-	1.96	1.18	6.29	-
0500	20.78	3.69	-	5.05	-	1.75	2.14	6.99	-
0530	21.25	3.51	-	4.48	-	1.75	1.36	7.41	-
0600	21.55	2.91	-	2.52	-	1.55	1.17	7.38	0.19
0630	23.78	3.12	-	2.34	-	0.97	0.97	6.82	0.19
0700	22.14	2.14	-	2.72	-	0.78	1.55	6.60	0.19
0730	19.88	2.73	-	2.34	-	0.19	1.17	7.02	0.19
0800	19.62	2.88	-	1.54	-	0.19	1.15	6.54	0.19
0830	19.11	3.67	-	0.97	-	0.19	1.16	6.95	0.19
0900	16.37	4.09	-	0.97	-	-	1.17	5.65	0.19
0930	14.79	2.92	-	0.39	-	0.19	0.39	6.61	0.19
1000	14.45	2.89	-	0.96	-	0.19	0.58	5.78	0.19
1030	14.04	2.53	-	0.78	-	-	0.78	5.07	0.78
1100	14.45	2.89	-	0.58	-	-	0.77	5.39	0.58
1130	12.38	2.90	-	0.19	-	0.19	0.58	4.64	0.77
1200	11.41	3.09	-	-	-	-	0.58	4.06	1.16
1230	12.48	3.31	-	0.58	-	-	0.78	3.70	1.75
1300	14.92	2.91	-	0.19	-	-	0.58	3.68	1.74
1330	15.35	3.15	-	0.20	-	-	0.79	3.15	1.57
1400	14.53	2.91	-	0.19	0.19	-	0.78	3.68	2.13
1430	11.82	3.10	-	-	0.19	-	0.78	3.29	0.97
1500	11.87	2.14	-	0.19	-	0.19	1.17	3.50	0.58
1530	10.42	2.90	-	0.77	-	-	0.58	3.47	0.39
1600	10.18	2.94	-	0.78	-	0.39	1.37	3.52	0.39
1630	11.84	2.52	-	0.39	0.19	0.39	0.78	3.50	0.19
1700	12.45	1.75	-	0.78	-	0.58	1.36	3.50	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	12.09	3.12	-	0.97	-	0.78	1.36	3.90	-
1800	12.98	2.33	-	0.97	-	0.78	0.97	4.26	-
1830	11.71	2.88	-	1.54	-	1.15	0.96	4.61	-
1900	10.94	2.73	-	1.76	-	0.59	0.98	5.27	-
1930	11.05	2.76	-	1.78	-	0.79	0.79	5.72	-
2000	10.79	3.47	-	2.70	-	0.96	0.96	6.36	-
2030	9.80	3.14	-	3.53	-	0.78	1.18	6.08	-
2100	10.59	3.33	-	3.14	-	1.57	0.98	6.67	-
2130	11.67	3.31	-	3.31	-	1.17	1.17	7.00	-
2200	12.67	3.51	-	2.92	-	0.97	0.97	6.82	-
2230	11.59	3.34	-	3.14	-	1.38	0.98	6.88	-
2300	13.45	3.12	-	3.51	-	1.17	1.36	6.24	-
2330	14.37	3.19	-	2.79	-	0.80	1.20	5.39	-
Mean	14.39	3.18	-	2.03	0.01	0.79	0.95	5.69	0.31



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Winter are: mist – 14.39%, snow – 5.69%, rain – 3.18%.

No thunderstorm activities were observed in Winter.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

SEASON: SPRING

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26496

OBSERVATION INTERVAL: 30 MIN.

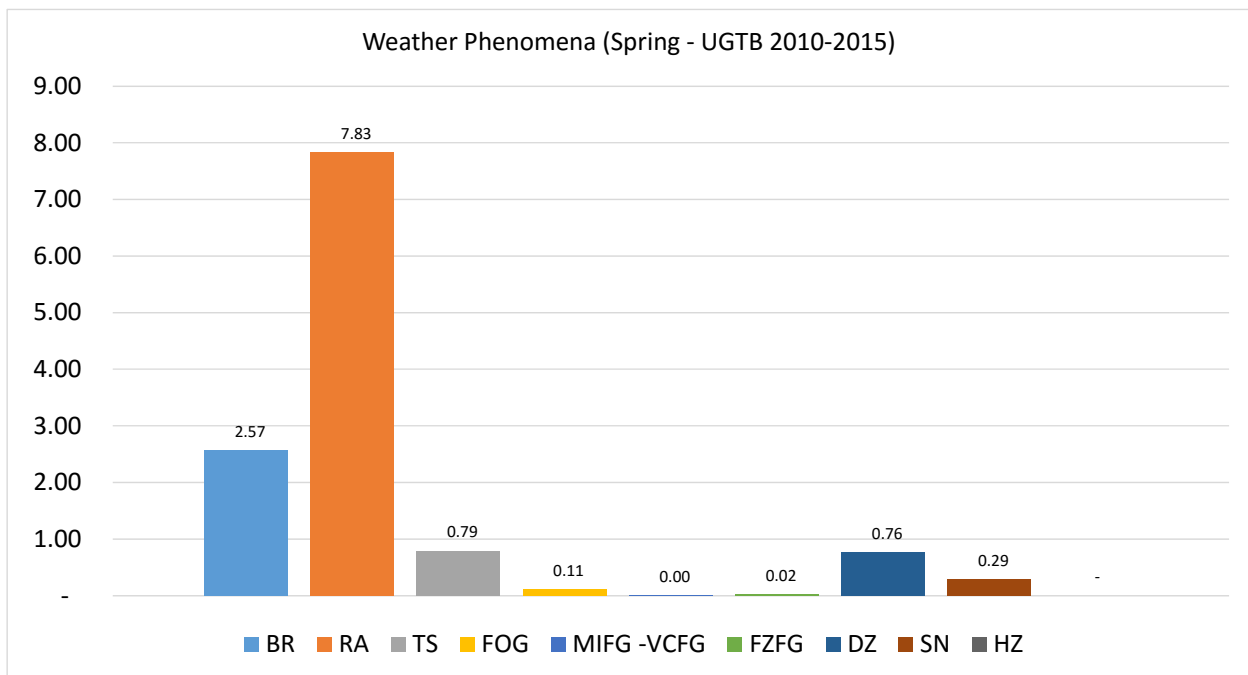
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.10	8.57	0.38	-	-	-	0.76	0.38	-
0030	2.02	7.90	0.55	0.18	-	0.18	1.10	0.55	-
0100	2.02	8.99	0.18	0.18	-	0.18	0.92	0.55	-
0130	2.02	6.97	0.18	0.37	0.18	-	0.92	0.37	-
0200	2.73	7.10	-	0.55	-	-	0.55	0.36	-
0230	3.86	6.80	-	0.18	-	-	0.37	0.37	-
0300	4.85	6.53	-	0.56	-	-	0.19	0.37	-
0330	6.99	7.90	0.37	0.37	-	-	0.74	0.37	-
0400	7.02	6.84	0.55	0.18	-	-	2.03	0.55	-
0430	5.76	6.88	-	0.19	-	0.19	1.30	0.56	-
0500	5.30	6.58	-	0.55	-	0.18	1.46	0.37	-
0530	4.81	6.85	-	0.74	-	-	1.11	1.11	-
0600	4.41	6.43	-	0.55	-	-	1.10	0.74	-
0630	4.65	6.69	0.19	0.19	-	-	1.12	0.74	-
0700	4.81	6.30	-	-	-	-	0.93	0.93	-
0730	4.28	6.15	-	-	-	-	0.93	-	-
0800	4.27	6.12	0.37	-	-	-	0.56	-	-
0830	2.78	6.85	0.19	-	-	-	0.56	-	-
0900	2.57	6.43	0.37	-	-	-	1.29	-	-
0930	2.08	6.62	0.57	-	-	-	1.13	0.19	-
1000	1.50	6.55	0.94	-	-	-	0.94	0.19	-
1030	1.88	8.29	1.32	-	-	-	0.94	0.19	-
1100	2.23	7.06	0.56	-	-	-	0.56	0.37	-
1130	1.48	7.78	0.93	-	-	-	0.93	0.19	-
1200	0.93	6.68	0.74	-	-	0.19	0.56	0.19	-
1230	1.31	8.24	1.12	-	-	-	0.37	0.19	-
1300	1.30	8.18	2.23	-	-	-	0.74	0.19	-
1330	1.13	8.27	2.07	-	-	-	0.19	0.19	-
1400	0.93	8.58	2.05	-	-	-	0.19	0.19	-
1430	1.12	7.64	2.23	-	-	-	0.19	0.19	-
1500	1.31	8.02	1.31	-	-	-	-	0.19	-
1530	1.30	9.63	1.67	-	-	-	0.19	0.19	-
1600	1.47	9.58	1.66	-	-	-	-	0.18	-
1630	1.29	9.24	2.03	-	-	-	0.37	-	-
1700	1.12	8.60	1.31	-	-	-	0.37	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.11	8.86	1.48	-	-	-	0.74	-	-
1800	1.29	9.01	1.65	-	-	-	0.74	-	-
1830	1.30	7.42	1.48	0.19	-	-	1.11	0.19	-
1900	1.65	8.27	1.10	0.18	-	-	0.74	0.18	-
1930	1.83	7.86	1.10	-	-	-	1.10	-	-
2000	2.01	8.79	2.01	-	-	-	0.73	0.18	-
2030	2.21	9.04	1.29	-	-	-	0.92	0.18	-
2100	2.23	8.75	0.93	-	-	-	0.93	0.19	-
2130	2.21	9.74	0.55	-	-	-	0.92	0.37	-
2200	2.55	9.12	0.18	-	-	-	0.73	0.18	-
2230	2.00	9.29	-	-	-	-	0.91	0.36	-
2300	1.66	8.13	-	-	-	-	0.55	0.37	-
2330	1.69	9.55	0.19	0.19	-	-	0.75	0.56	-
Mean	2.57	7.83	0.79	0.11	0.00	0.02	0.76	0.29	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Spring are: rain – 7.83%, mist – 2.57%, drizzle – 0.76%.

The activity of thunderstorms in Spring constitutes 0.79%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26496

OBSERVATION INTERVAL: 30 MIN.

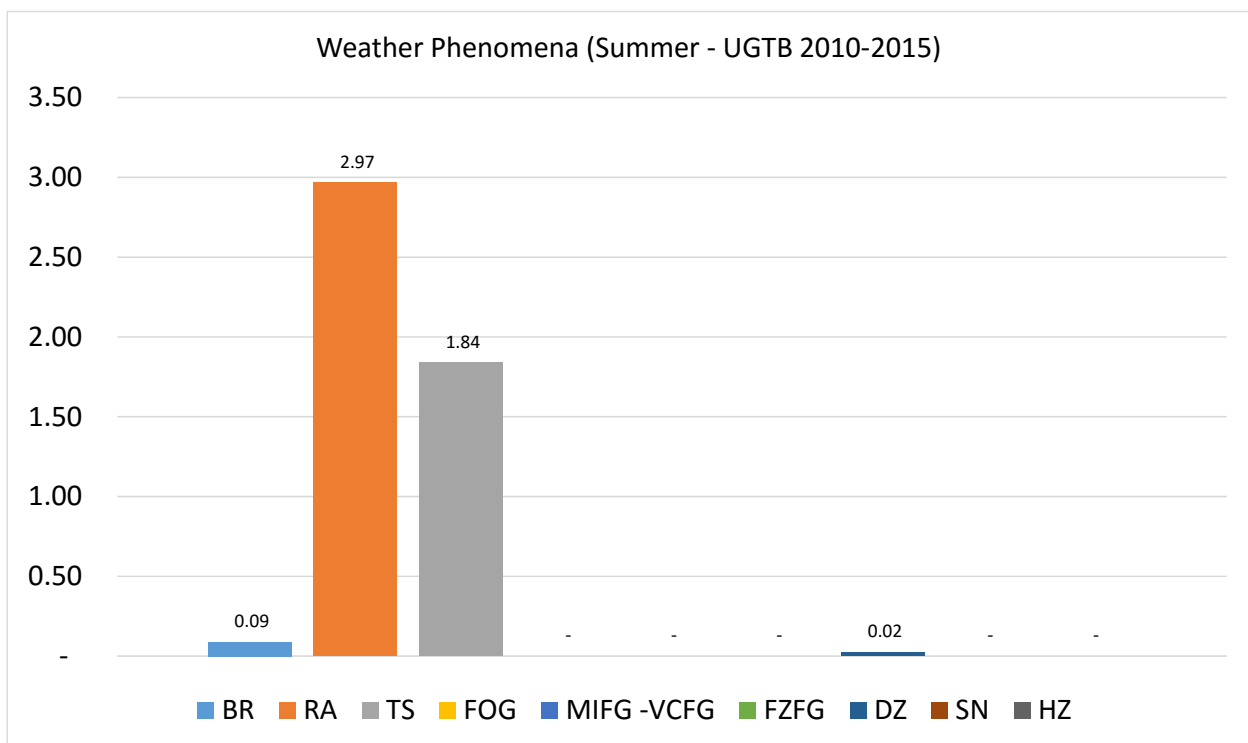
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	2.41	1.11	-	-	-	-	-	-
0030	-	2.92	1.46	-	-	-	-	-	-
0100	0.18	2.53	1.62	-	-	-	0.18	-	-
0130	0.18	4.05	1.29	-	-	-	0.37	-	-
0200	0.18	4.02	0.91	-	-	-	-	-	-
0230	0.37	3.66	0.55	-	-	-	-	-	-
0300	0.18	2.19	0.37	-	-	-	-	-	-
0330	0.18	2.36	0.36	-	-	-	-	-	-
0400	0.18	2.55	0.55	-	-	-	-	-	-
0430	0.18	1.85	0.18	-	-	-	-	-	-
0500	0.18	1.99	0.18	-	-	-	-	-	-
0530	0.18	2.21	-	-	-	-	-	-	-
0600	0.37	1.65	-	-	-	-	0.18	-	-
0630	0.37	1.65	0.18	-	-	-	-	-	-
0700	0.18	1.09	-	-	-	-	-	-	-
0730	0.37	0.92	-	-	-	-	-	-	-
0800	0.18	1.46	-	-	-	-	-	-	-
0830	0.18	0.74	-	-	-	-	-	-	-
0900	0.18	1.09	0.36	-	-	-	-	-	-
0930	0.18	1.66	0.74	-	-	-	-	-	-
1000	-	1.47	0.92	-	-	-	-	-	-
1030	-	0.92	0.74	-	-	-	-	-	-
1100	-	0.74	0.74	-	-	-	-	-	-
1130	-	1.29	0.55	-	-	-	-	-	-
1200	-	1.66	0.74	-	-	-	-	-	-
1230	-	1.49	1.12	-	-	-	-	-	-
1300	-	1.47	2.21	-	-	-	-	-	-
1330	-	2.20	2.56	-	-	-	0.37	-	-
1400	-	2.75	2.93	-	-	-	-	-	-
1430	-	3.47	4.02	-	-	-	-	-	-
1500	-	3.29	4.94	-	-	-	-	-	-
1530	-	3.89	4.63	-	-	-	-	-	-
1600	-	3.64	3.83	-	-	-	-	-	-
1630	-	4.46	4.65	-	-	-	-	-	-
1700	0.18	3.87	4.24	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	4.79	4.60	-	-	-	-	-	-
1800	-	4.36	4.17	-	-	-	-	-	-
1830	-	4.01	4.37	-	-	-	-	-	-
1900	-	4.07	3.33	-	-	-	-	-	-
1930	-	5.88	3.86	-	-	-	-	-	-
2000	-	4.96	4.41	-	-	-	-	-	-
2030	-	6.62	3.31	-	-	-	-	-	-
2100	-	5.29	2.74	-	-	-	-	-	-
2130	-	5.66	2.92	-	-	-	-	-	-
2200	-	5.30	2.19	-	-	-	-	-	-
2230	-	4.60	1.29	-	-	-	-	-	-
2300	-	4.39	1.28	-	-	-	-	-	-
2330	-	2.82	1.13	-	-	-	-	-	-
Mean	0.09	2.97	1.84	-	-	-	0.02	-	-



During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Summer are: rain – 2.97%, mist – 0.09%, drizzle - 0.02%.

The activity of thunderstorms in Summer constitutes 1.84%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGTB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 26208

OBSERVATION INTERVAL: 30 MIN.

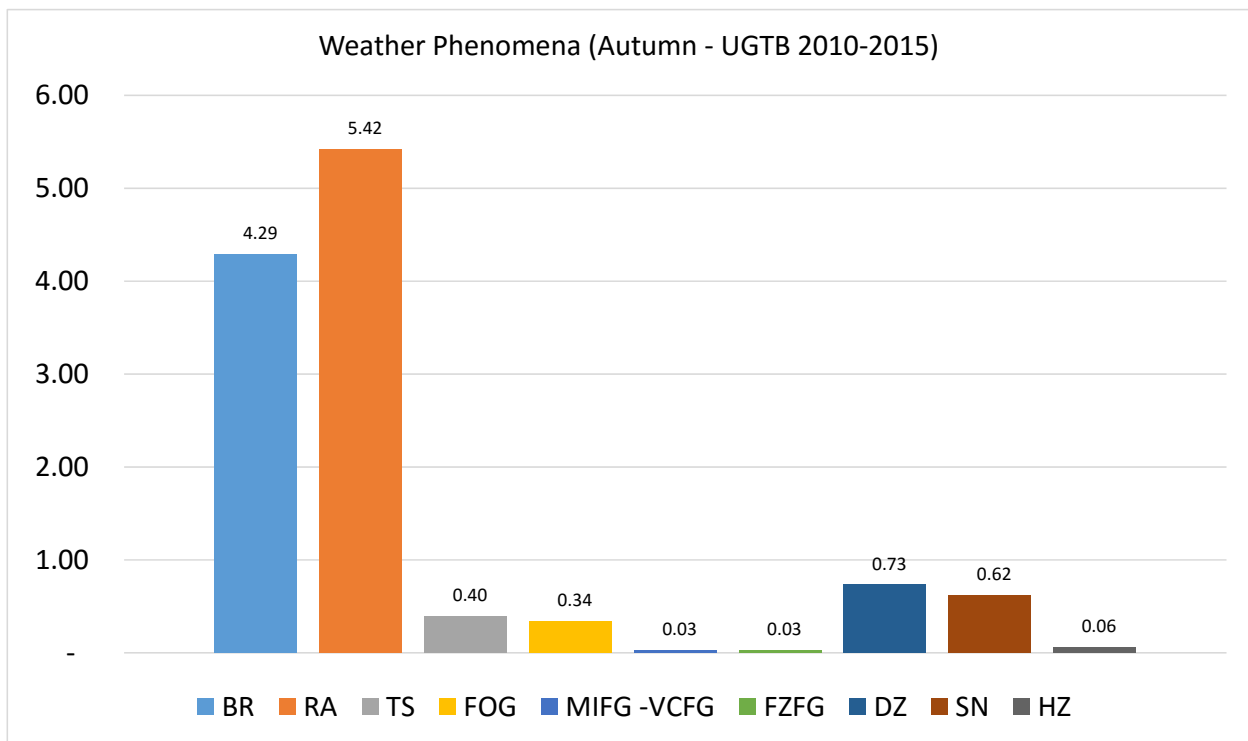
LATITUDE: 414008.96N

LONGITUDE: 0445717.25E

ELEVATION ABOVE MSL: 1624 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.17	6.06	0.76	0.38	-	-	1.14	0.57	-
0030	5.03	7.08	0.37	0.19	-	-	1.30	0.37	-
0100	5.34	7.37	-	0.37	-	-	0.55	0.74	-
0130	5.02	6.32	0.19	0.19	-	-	0.93	0.93	-
0200	5.96	5.96	-	0.37	-	-	0.19	0.93	-
0230	4.47	6.15	-	0.74	0.19	0.19	0.37	0.93	-
0300	4.81	6.85	-	0.37	0.19	0.19	0.37	0.93	-
0330	6.13	5.02	0.37	0.56	0.19	0.19	0.93	0.74	-
0400	7.84	5.22	0.19	1.31	-	0.19	0.93	0.75	-
0430	8.32	5.55	-	1.11	-	0.18	0.92	0.55	-
0500	8.96	6.34	0.37	0.75	-	0.19	0.56	0.75	-
0530	8.68	5.66	0.19	0.38	-	0.19	0.38	0.75	-
0600	8.44	4.88	0.19	0.94	-	-	1.13	0.75	-
0630	6.90	4.66	0.19	0.56	-	-	1.49	0.56	-
0700	6.51	5.39	-	0.37	-	-	0.93	0.56	-
0730	6.40	4.33	-	0.38	-	-	0.94	0.56	-
0800	5.06	4.87	0.19	0.75	-	-	0.56	0.56	-
0830	5.10	3.40	-	0.38	-	-	0.57	0.57	-
0900	4.28	3.17	-	0.37	-	-	0.74	0.37	-
0930	4.15	4.15	-	0.19	-	-	-	0.38	-
1000	3.36	3.54	0.19	0.37	-	-	0.37	0.37	-
1030	2.98	5.03	0.37	0.37	-	-	0.56	0.74	-
1100	2.62	4.31	0.37	0.19	-	-	0.56	0.75	-
1130	2.81	4.68	0.56	0.19	-	-	0.37	0.37	-
1200	2.79	4.09	0.37	0.19	-	-	0.74	0.56	-
1230	2.81	5.82	0.56	0.19	-	-	0.56	0.56	-
1300	2.97	5.02	0.37	0.19	-	-	0.93	0.56	0.19
1330	3.36	5.97	-	-	-	-	0.19	0.37	0.56
1400	3.90	5.19	0.37	-	-	-	0.56	0.37	0.56
1430	2.43	5.22	0.56	0.19	-	-	0.19	0.56	0.56
1500	1.68	3.93	0.93	-	0.19	-	0.56	0.56	0.37
1530	1.87	5.24	0.37	0.19	-	-	0.56	0.37	0.37
1600	1.86	6.13	1.49	0.19	-	-	0.74	0.56	0.19
1630	2.03	6.27	1.29	0.18	-	-	0.55	0.55	-
1700	1.85	6.48	0.74	-	-	-	0.93	0.74	0.19

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.66	5.36	1.11	0.37	-	-	0.37	0.55	-
1800	2.04	4.82	1.11	-	-	-	0.56	0.56	-
1830	2.60	5.58	1.30	-	-	-	0.93	0.37	-
1900	3.14	7.02	0.92	0.18	-	-	0.92	0.55	-
1930	3.15	5.56	0.56	0.19	0.19	-	0.74	0.56	-
2000	3.15	5.37	0.37	-	0.19	-	0.74	0.37	-
2030	3.89	5.93	0.37	0.37	-	-	0.56	0.56	-
2100	4.28	5.21	0.19	0.19	0.19	-	1.12	0.74	-
2130	4.28	5.96	0.37	0.19	0.19	-	1.68	0.93	-
2200	4.47	5.59	0.19	0.19	-	-	1.30	0.56	-
2230	4.31	6.18	-	0.37	-	-	0.94	0.94	-
2300	4.09	5.76	0.19	0.56	-	-	1.12	0.93	-
2330	4.13	6.57	0.75	0.56	-	-	0.94	0.75	-
Mean	4.29	5.42	0.40	0.34	0.03	0.03	0.73	0.62	0.06

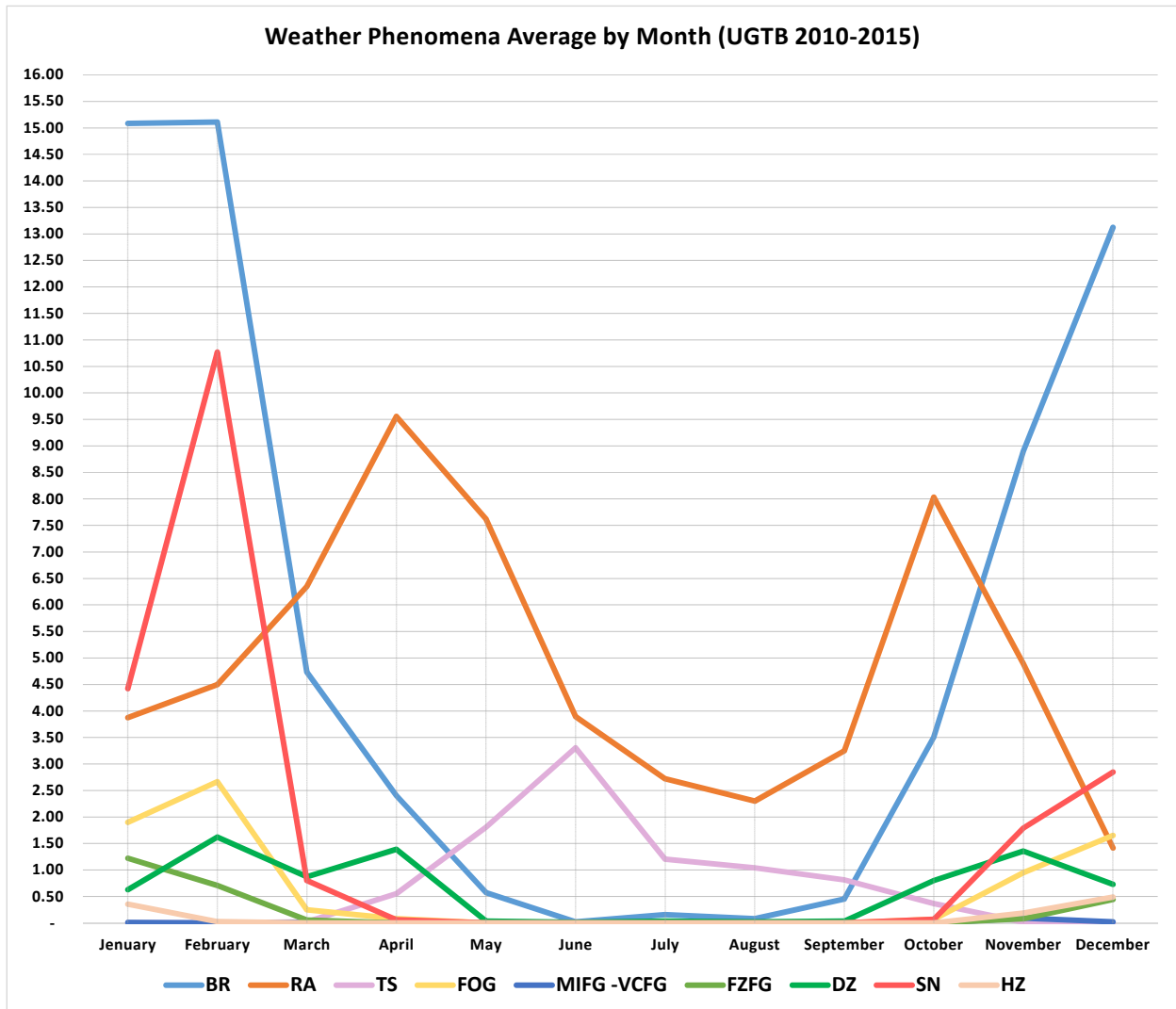


During the climatological period under review, at Tbilisi International Airport the prevailing weather phenomena in Autumn are: rain – 5.42%, mist – 4.29%, drizzle – 0.73%.

The activity of thunderstorms in Autumn constitutes 0.40%.

## WEATHER PHENOMENA AVERAGE BY MONTH

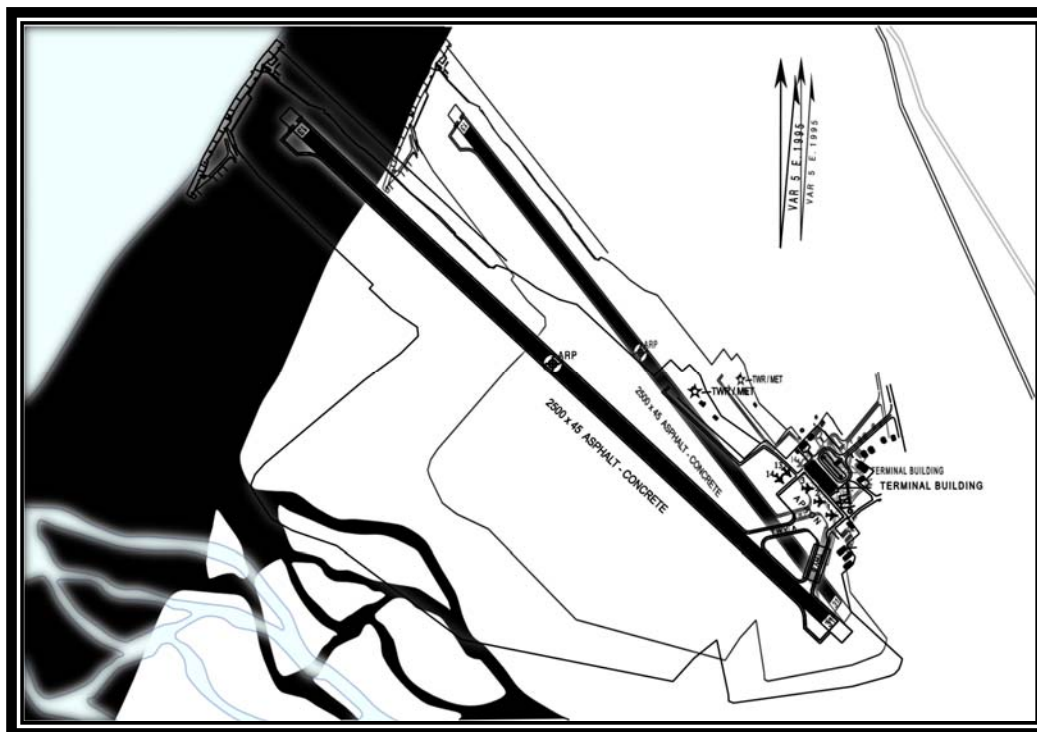
MEAN FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES BY MONTH									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
January	15.08	3.87	-	1.90	0.01	1.22	0.63	4.42	0.35
February	15.11	4.50	-	2.66	-	0.71	1.62	10.77	0.03
March	4.73	6.35	0.02	0.25	0.01	0.06	0.87	0.80	-
April	2.40	9.56	0.55	0.08	-	-	1.39	0.06	-
May	0.57	7.62	1.81	-	-	-	0.03	-	-
June	0.02	3.89	3.31	-	-	-	0.01	-	-
July	0.16	2.72	1.20	-	-	-	0.03	-	-
August	0.08	2.30	1.04	-	-	-	0.02	-	-
September	0.45	3.25	0.82	-	-	-	0.04	-	-
October	3.51	8.03	0.37	0.07	-	-	0.80	0.07	-
November	8.90	4.89	0.01	0.95	0.09	0.08	1.36	1.79	0.19
December	13.12	1.42	-	1.65	0.02	0.44	0.73	2.85	0.49







## 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

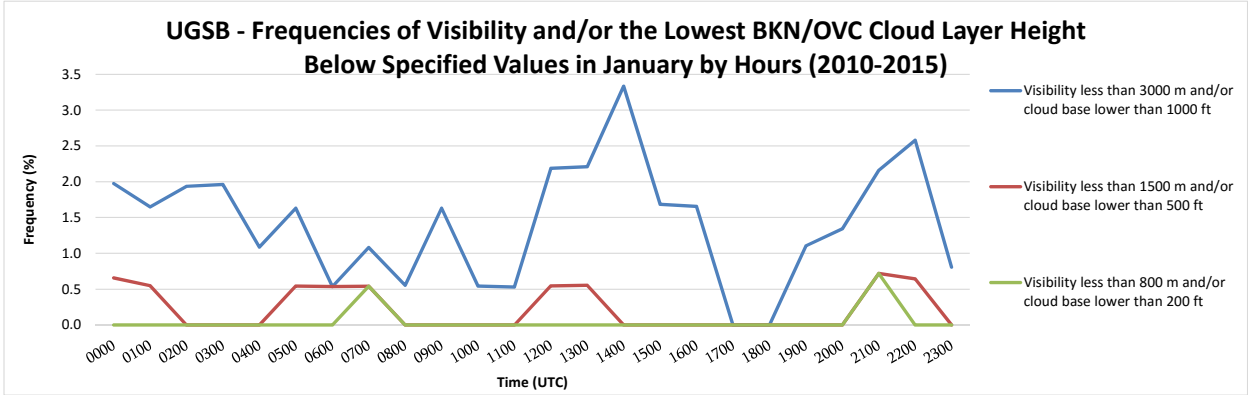
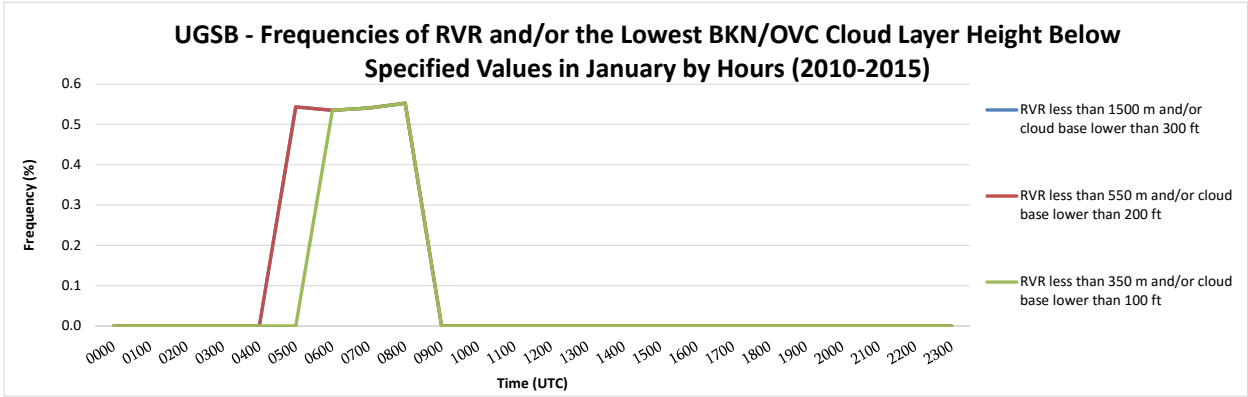
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	0.66	1.97	29.61
0100	-	-	-	-	-	-	0.55	1.65	41.76
0200	-	-	-	-	-	-	-	1.94	30.32
0300	-	-	-	-	-	-	-	1.96	31.37
0400	-	-	-	-	-	-	-	1.09	44.57
0500	-	-	-	0.54	0.54	-	0.54	1.63	15.22
0600	-	-	0.53	0.53	0.53	-	0.53	0.53	17.11
0700	-	-	0.54	0.54	0.54	0.54	0.54	1.08	15.14
0800	-	-	0.55	0.55	0.55	-	-	0.55	11.05
0900	-	-	-	-	-	-	-	1.63	14.13
1000	-	-	-	-	-	-	-	0.54	13.04
1100	-	-	-	-	-	-	-	0.53	15.87
1200	-	-	-	-	-	-	0.55	2.19	16.94
1300	-	-	-	-	-	-	0.55	2.21	16.02
1400	-	-	-	-	-	-	-	3.33	23.89
1500	-	-	-	-	-	-	-	1.69	43.26
1600	-	-	-	-	-	-	-	1.66	41.44
1700	-	-	-	-	-	-	-	-	27.95
1800	-	-	-	-	-	-	-	-	29.41
1900	-	-	-	-	-	-	-	1.10	40.88
2000	-	-	-	-	-	-	-	1.34	27.52
2100	-	-	-	-	-	0.72	0.72	2.16	24.46
2200	-	-	-	-	-	-	0.65	2.58	31.61
2300	-	-	-	-	-	-	-	0.81	12.90
TOTAL	-	-	0.07	0.10	0.10	0.05	0.22	1.42	25.58

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 six-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 Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.22% (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 1.42% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: FEBRUARY PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

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

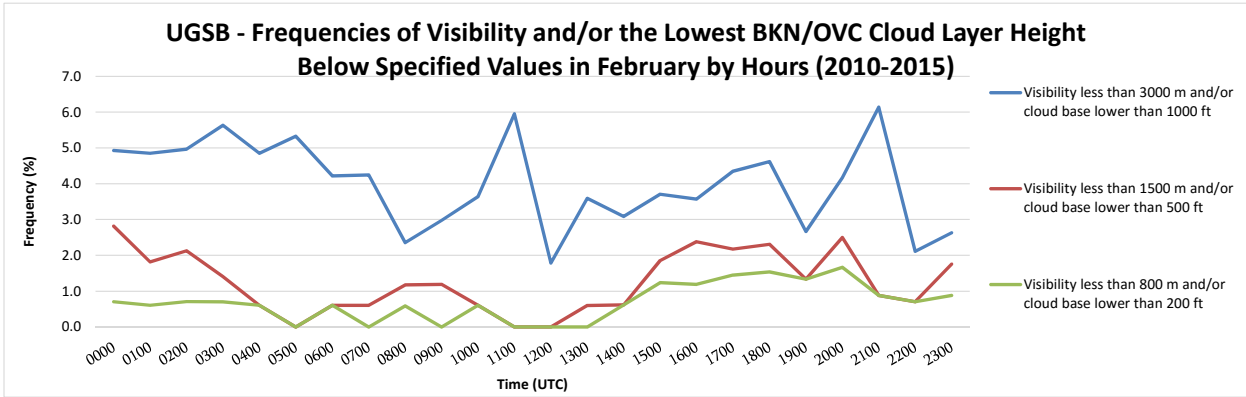
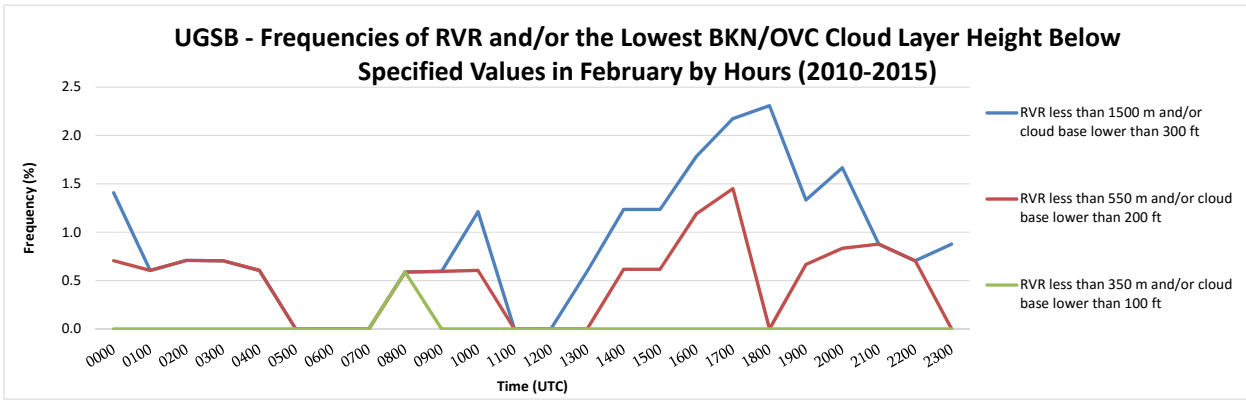
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	0.70	1.41	0.70	2.82	4.93	33.80
0100	-	-	-	0.61	0.61	0.61	1.82	4.85	41.82
0200	-	-	-	0.71	0.71	0.71	2.13	4.96	32.62
0300	-	-	-	0.70	0.70	0.70	1.41	5.63	33.80
0400	-	-	-	0.61	0.61	0.61	0.61	4.85	38.79
0500	-	-	-	-	-	-	-	5.33	24.26
0600	-	-	-	-	-	0.60	0.60	4.22	19.88
0700	-	-	-	-	-	-	0.61	4.24	15.76
0800	-	-	0.59	0.59	0.59	0.59	1.18	2.35	14.71
0900	-	-	-	0.60	0.60	-	1.19	2.98	19.64
1000	-	-	-	0.61	1.21	0.61	0.61	3.64	18.79
1100	-	-	-	-	-	-	-	5.95	16.67
1200	-	-	-	-	-	-	-	1.79	16.67
1300	-	-	-	-	0.60	-	0.60	3.59	19.16
1400	-	-	-	0.62	1.23	0.62	0.62	3.09	16.67
1500	-	-	-	0.62	1.23	1.23	1.85	3.70	37.65
1600	-	-	-	1.19	1.79	1.19	2.38	3.57	40.48
1700	-	-	-	1.45	2.17	1.45	2.17	4.35	29.71
1800	-	-	-	-	2.31	1.54	2.31	4.62	27.69
1900	-	-	-	0.67	1.33	1.33	1.33	2.67	37.33
2000	-	-	-	0.83	1.67	1.67	2.50	4.17	23.33
2100	-	-	-	0.88	0.88	0.88	0.88	6.14	20.18
2200	-	-	-	0.70	0.70	0.70	0.70	2.11	35.21
2300	-	-	-	-	0.88	0.88	1.75	2.63	15.79
TOTAL	-	-	0.03	0.49	0.85	0.66	1.20	3.99	26.22

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 six-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 Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.20% (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 3.99% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	1.32	5.96	29.14
0100	-	-	-	-	-	-	1.09	4.37	39.89
0200	-	-	-	-	-	-	-	5.16	28.39
0300	-	-	-	-	-	-	-	4.49	23.08
0400	-	-	-	-	0.54	-	0.54	3.76	25.27
0500	-	-	-	-	-	-	0.55	6.01	24.04
0600	-	-	-	-	0.54	0.54	0.54	4.89	22.28
0700	-	-	-	0.55	1.09	-	1.09	6.01	22.40
0800	-	-	-	-	-	-	0.56	3.89	21.11
0900	-	-	0.56	0.56	0.56	-	0.56	5.62	21.91
1000	-	-	-	-	0.55	-	-	4.37	19.13
1100	-	-	-	-	-	-	-	3.87	20.44
1200	-	-	-	-	-	-	1.10	6.63	22.65
1300	-	-	-	-	0.55	-	1.10	5.49	25.27
1400	-	-	-	-	-	-	0.55	4.42	20.99
1500	-	-	-	-	-	-	0.57	3.98	23.30
1600	-	-	-	-	-	-	0.56	4.49	35.96
1700	-	-	-	-	-	-	-	2.63	26.97
1800	-	-	-	-	-	-	-	4.11	22.60
1900	-	-	-	-	-	-	-	4.05	32.95
2000	-	-	-	-	-	-	0.73	5.84	22.63
2100	-	-	-	0.79	1.59	0.79	3.97	7.14	22.22
2200	-	-	-	-	0.65	-	1.31	3.27	38.56
2300	-	-	-	-	-	-	0.82	4.10	22.95
TOTAL	-	-	0.02	0.07	0.25	0.05	0.67	4.76	25.59

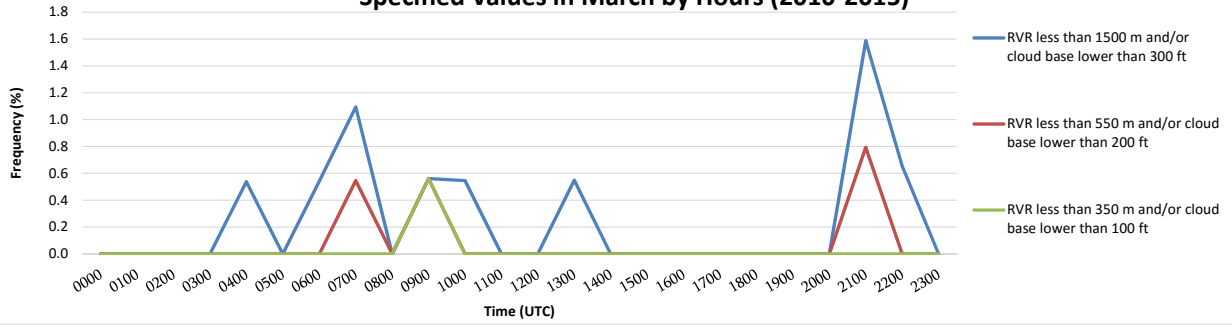
In March, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 350 meters and/or cloud ceiling below 100 feet, based on six-year observation, constitutes 0.02% (see Model A).

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

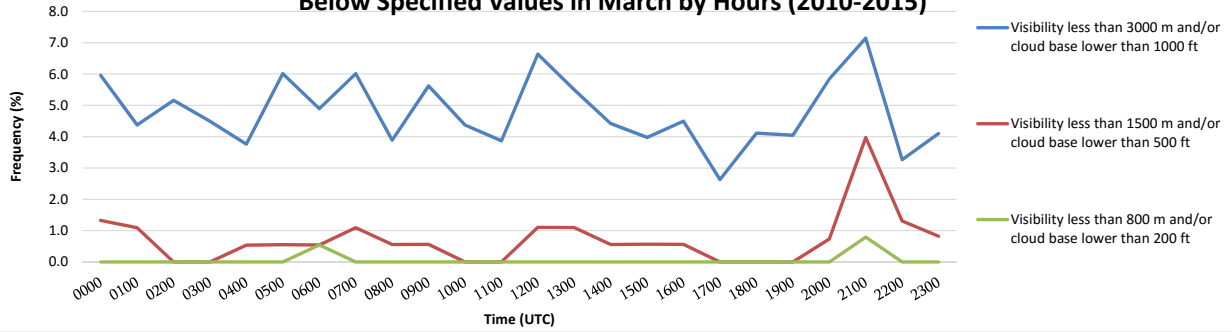
For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.67% (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 4.76% (see Model A).

### UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in March by Hours (2010-2015)



### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in March by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	2.56	5.98	3.42	5.13	11.11	30.77
0100	-	-	-	1.99	3.31	2.65	4.64	10.60	45.03
0200	-	-	0.85	3.39	4.24	3.39	5.08	8.47	27.12
0300	-	0.81	3.25	3.25	4.07	4.07	6.50	13.01	31.71
0400	-	-	1.32	1.99	3.31	3.31	5.96	11.92	27.81
0500	-	0.67	1.33	1.33	1.33	0.67	1.33	9.33	19.33
0600	-	-	-	-	1.99	0.66	2.65	9.93	20.53
0700	-	-	-	0.67	1.33	0.67	4.00	8.67	19.33
0800	-	-	-	-	-	-	1.33	6.67	20.67
0900	-	-	-	-	-	-	2.00	6.00	18.00
1000	-	-	-	0.66	1.32	1.32	2.65	8.61	19.21
1100	-	-	-	0.67	2.00	1.33	3.33	8.00	19.33
1200	-	-	-	-	0.70	-	2.10	7.69	19.58
1300	-	-	-	0.68	1.37	1.37	2.74	7.53	25.34
1400	-	-	-	0.68	1.36	1.36	3.40	8.84	20.41
1500	-	-	0.69	0.69	1.39	0.69	3.47	9.72	22.92
1600	-	-	-	1.35	2.70	2.03	3.38	7.43	34.46
1700	-	-	0.81	0.81	2.42	1.61	2.42	7.26	26.61
1800	-	-	0.83	2.50	3.33	2.50	3.33	7.50	21.67
1900	-	-	0.69	2.76	2.76	2.76	2.76	6.21	37.24
2000	-	-	0.93	2.80	3.74	3.74	5.61	7.48	23.36
2100	-	-	-	5.21	5.21	4.17	7.29	11.46	25.00
2200	-	-	-	2.52	5.04	5.04	5.88	10.92	44.54
2300	-	-	-	4.44	7.78	7.78	8.89	12.22	25.56
TOTAL	-	0.06	0.43	1.54	2.56	2.07	3.80	8.92	25.89

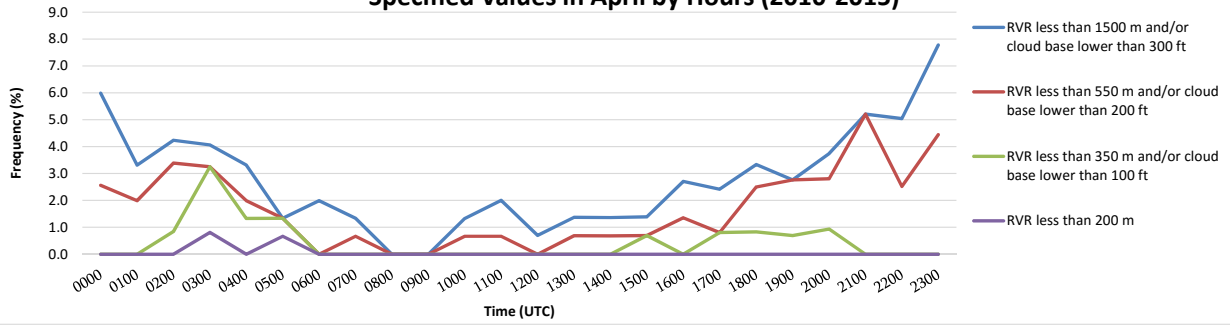
In April, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 200 meters, based on six-year observation, constitutes 0.06% (see Model A).

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

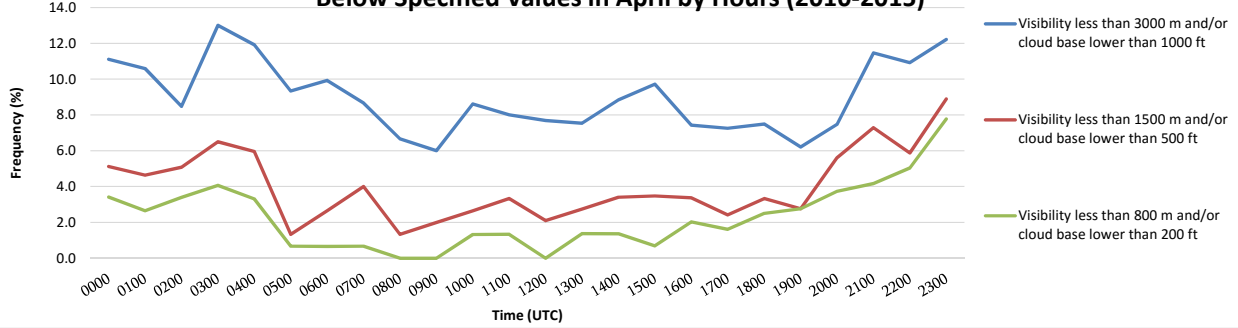
For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 3.80% (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 8.92% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in April by Hours (2010-2015)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in April by Hours (2010-2015)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

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

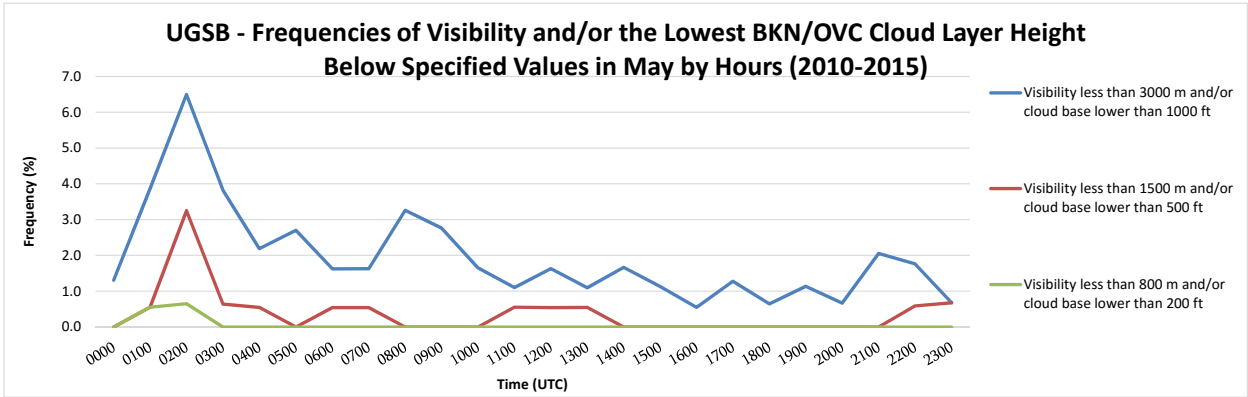
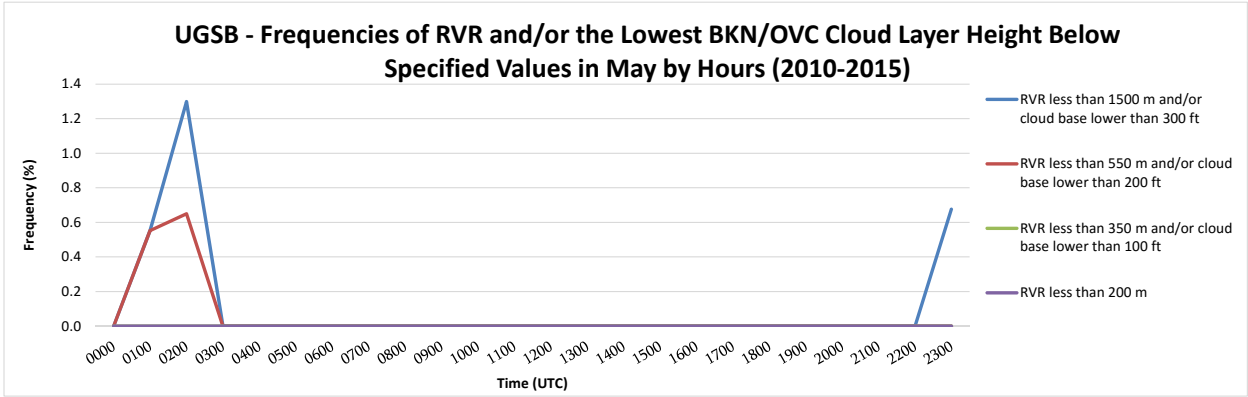
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	1.31	15.03
0100	-	-	-	0.55	0.55	0.55	0.55	3.87	29.83
0200	-	-	-	0.65	1.30	0.65	3.25	6.49	20.13
0300	-	-	-	-	-	-	0.64	3.82	15.29
0400	-	-	-	-	-	-	0.55	2.19	15.85
0500	-	-	-	-	-	-	-	2.70	16.76
0600	-	-	-	-	-	-	0.54	1.62	14.59
0700	-	-	-	-	-	-	0.54	1.63	13.59
0800	-	-	-	-	-	-	-	3.26	14.13
0900	-	-	-	-	-	-	-	2.76	12.71
1000	-	-	-	-	-	-	-	1.65	12.09
1100	-	-	-	-	-	-	0.55	1.10	9.34
1200	-	-	-	-	-	-	0.54	1.63	8.70
1300	-	-	-	-	-	-	0.55	1.09	8.74
1400	-	-	-	-	-	-	-	1.67	10.00
1500	-	-	-	-	-	-	-	1.13	14.69
1600	-	-	-	-	-	-	-	0.55	13.11
1700	-	-	-	-	-	-	-	1.27	22.29
1800	-	-	-	-	-	-	-	0.65	20.65
1900	-	-	-	-	-	-	-	1.14	31.25
2000	-	-	-	-	-	-	-	0.67	20.67
2100	-	-	-	-	-	-	-	2.05	16.44
2200	-	-	-	-	-	-	0.59	1.76	29.41
2300	-	-	-	-	0.68	-	0.68	0.68	18.92
TOTAL	-	-	-	0.05	0.10	0.05	0.36	1.94	16.67

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.36% (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 1.94% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	-	1.38	10.34
0100	-	-	-	-	-	-	-	0.57	22.41
0200	-	-	-	-	-	-	-	0.68	11.49
0300	-	-	-	-	-	-	-	1.18	6.47
0400	-	-	-	-	-	-	-	0.56	7.87
0500	-	-	-	-	-	-	-	0.56	6.74
0600	-	-	-	-	-	-	-	1.67	10.56
0700	-	-	-	-	-	-	-	1.66	6.63
0800	-	-	-	-	-	-	-	1.11	7.22
0900	-	-	-	-	-	-	0.56	1.69	5.06
1000	-	-	-	-	-	-	-	0.56	7.30
1100	-	-	-	-	-	-	-	1.14	5.11
1200	-	-	-	-	-	-	-	1.13	6.21
1300	-	-	-	-	-	-	-	1.12	8.99
1400	-	-	-	-	-	-	-	0.56	6.21
1500	-	-	-	-	-	-	-	1.72	6.32
1600	-	-	-	-	-	-	-	0.56	6.11
1700	-	-	-	-	-	-	-	0.66	11.18
1800	-	-	-	-	-	-	-	-	8.67
1900	-	-	-	-	-	-	-	-	21.79
2000	-	-	-	-	-	-	-	0.65	12.42
2100	-	-	-	-	-	-	-	1.31	8.50
2200	-	-	-	-	-	-	-	1.12	25.28
2300	-	-	-	-	-	-	0.66	0.66	11.26
TOTAL	-	-	-	-	-	-	0.05	0.93	9.98

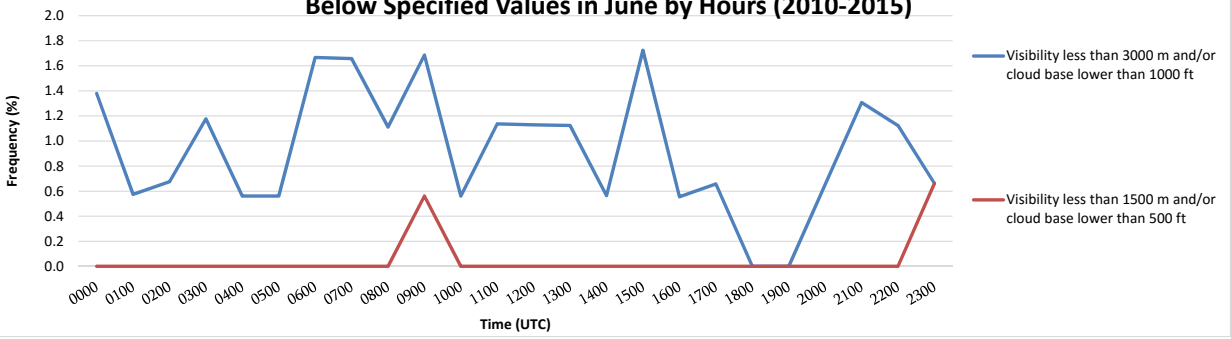
In June, based on six-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.93% (see Model A).

**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height  
Below Specified Values in June by Hours (2010-2015)**





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	-	-	7.89
0100	-	-	-	-	-	-	-	-	19.44
0200	-	-	-	-	-	-	-	0.61	9.09
0300	-	-	-	-	-	-	-	-	4.68
0400	-	-	-	-	-	-	-	0.55	6.01
0500	-	-	-	-	-	0.55	0.55	1.10	6.59
0600	-	-	-	-	-	-	-	1.09	4.37
0700	-	-	-	-	-	-	-	1.08	4.86
0800	-	-	-	-	-	-	-	1.09	4.37
0900	-	-	-	-	-	-	-	0.54	3.80
1000	-	-	-	-	-	-	-	-	4.37
1100	-	-	-	-	-	-	-	0.55	2.73
1200	-	-	-	-	-	-	-	-	4.40
1300	-	-	-	-	-	-	-	-	4.89
1400	-	-	-	-	-	-	-	-	4.47
1500	-	-	-	-	-	-	-	-	4.42
1600	-	-	-	-	-	-	-	0.55	3.87
1700	-	-	-	-	-	-	-	-	15.06
1800	-	-	-	-	-	-	-	-	14.29
1900	-	-	-	-	-	-	-	-	20.22
2000	-	-	-	-	-	-	-	-	8.81
2100	-	-	-	-	-	-	-	0.64	8.28
2200	-	-	-	-	-	-	-	0.55	20.44
2300	-	-	-	-	-	-	-	-	9.32
TOTAL	-	-	-	-	-	0.02	0.02	0.36	8.14

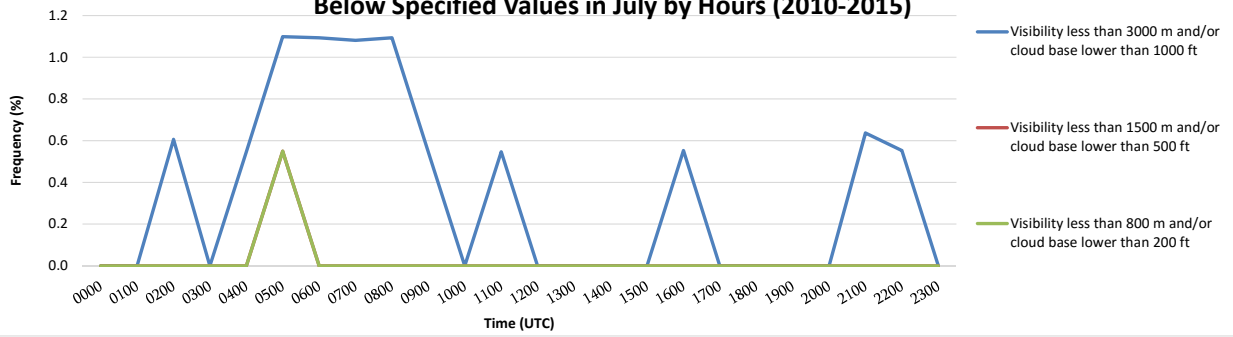
In July, based on six-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.36% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in July by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	-	-	9.55
0100	-	-	-	-	-	-	-	-	18.75
0200	-	-	-	-	-	-	-	-	10.43
0300	-	-	-	-	-	-	-	-	5.03
0400	-	-	-	-	-	-	-	-	5.49
0500	-	-	-	-	-	-	-	-	6.01
0600	-	-	-	-	-	-	-	1.12	5.62
0700	-	-	-	-	-	-	-	0.54	4.89
0800	-	-	-	-	-	-	-	1.63	3.80
0900	-	-	-	-	-	-	-	0.55	4.42
1000	-	-	-	-	-	-	-	-	4.37
1100	-	-	-	-	-	-	-	0.55	3.30
1200	-	-	-	-	-	-	-	0.55	7.14
1300	-	-	-	-	-	-	-	0.54	3.80
1400	-	-	-	-	-	-	-	-	4.35
1500	-	-	-	-	-	-	-	-	4.97
1600	-	-	-	-	-	-	-	0.55	12.09
1700	-	-	-	-	-	-	-	-	18.97
1800	-	-	-	-	-	-	-	-	16.87
1900	-	-	-	-	-	-	-	-	19.10
2000	-	-	-	-	-	-	-	-	11.31
2100	-	-	-	-	-	-	-	-	8.18
2200	-	-	-	-	-	-	-	-	16.57
2300	-	-	-	-	-	-	-	-	9.43
TOTAL	-	-	-	-	-	-	-	0.26	8.83

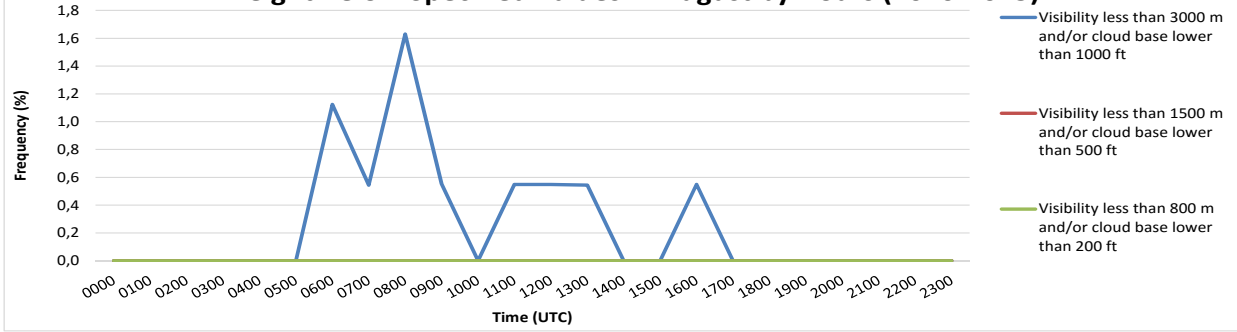
In August, based on six-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is not observed (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.26% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in August by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	-	0.64	10.90
0100	-	-	-	-	-	-	-	-	18.39
0200	-	-	-	-	-	-	-	0.65	8.39
0300	-	-	-	-	-	-	-	0.62	7.41
0400	-	-	-	-	-	-	-	1.13	6.78
0500	-	-	-	-	-	-	-	0.56	7.30
0600	-	-	-	-	-	-	-	-	7.87
0700	-	-	-	-	-	-	0.56	0.56	6.78
0800	-	-	-	-	-	-	0.56	0.56	6.74
0900	-	-	-	-	-	-	-	-	5.65
1000	-	-	-	-	-	-	-	-	6.78
1100	-	-	-	-	-	-	-	-	4.49
1200	-	-	-	-	-	-	-	0.56	6.78
1300	-	-	-	-	-	-	-	-	7.39
1400	-	-	-	-	-	-	-	1.14	5.14
1500	-	-	-	-	-	-	-	0.57	8.00
1600	-	-	-	-	-	-	-	0.56	20.34
1700	-	-	-	-	-	-	-	-	18.86
1800	-	-	-	-	-	-	-	0.64	7.01
1900	-	-	-	-	-	-	-	0.56	20.22
2000	-	-	-	-	-	-	-	-	11.73
2100	-	-	-	-	-	-	-	0.65	11.04
2200	-	-	-	-	-	-	-	0.57	20.00
2300	-	-	-	-	-	-	-	-	12.82
TOTAL	-	-	-	-	-	-	0.05	0.41	10.28

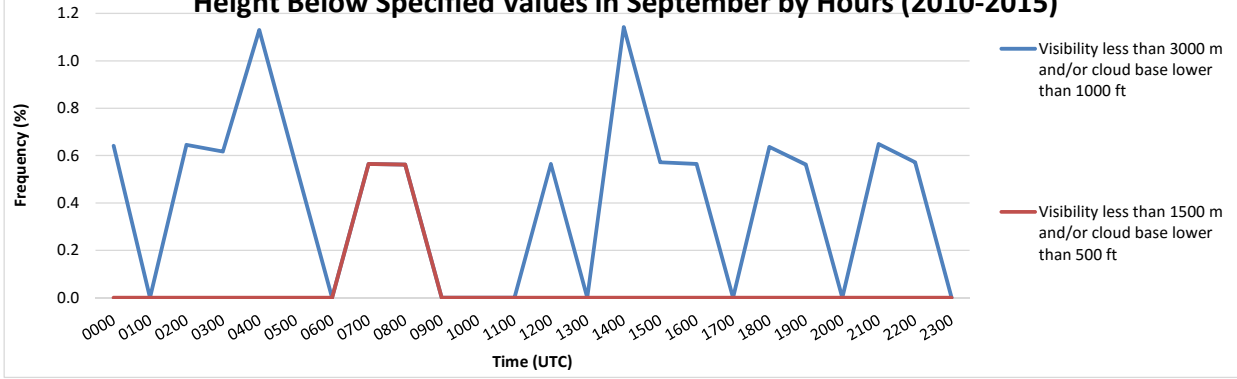
In September, based on six-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.41% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in September by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	-	0.60	20.48
0100	-	-	-	-	-	-	-	-	24.60
0200	-	-	-	-	-	-	-	-	19.78
0300	-	-	-	-	-	-	-	-	17.49
0400	-	-	-	-	-	-	-	-	5.85
0500	-	-	-	-	-	-	-	-	5.32
0600	-	-	-	-	-	-	-	-	7.98
0700	-	-	-	-	-	-	-	-	6.99
0800	-	-	-	-	-	-	-	-	6.04
0900	-	-	-	-	-	-	-	-	6.59
1000	-	-	-	-	-	-	-	0.55	7.14
1100	-	-	-	-	-	-	-	0.55	7.14
1200	-	-	-	-	-	-	-	0.54	7.61
1300	-	-	-	-	-	-	-	-	5.38
1400	-	-	-	-	-	-	-	-	6.95
1500	-	-	-	-	-	-	-	-	25.40
1600	-	-	-	-	-	-	-	-	22.99
1700	-	-	-	-	-	-	-	-	23.66
1800	-	-	-	-	-	-	-	-	19.34
1900	-	-	-	-	-	-	-	-	22.99
2000	-	-	-	-	-	-	-	-	20.86
2100	-	-	-	-	-	-	-	-	18.44
2200	-	-	-	-	-	-	-	-	19.25
2300	-	-	-	-	-	-	-	-	20.43
TOTAL	-	-	-	-	-	-	-	0.09	14.52

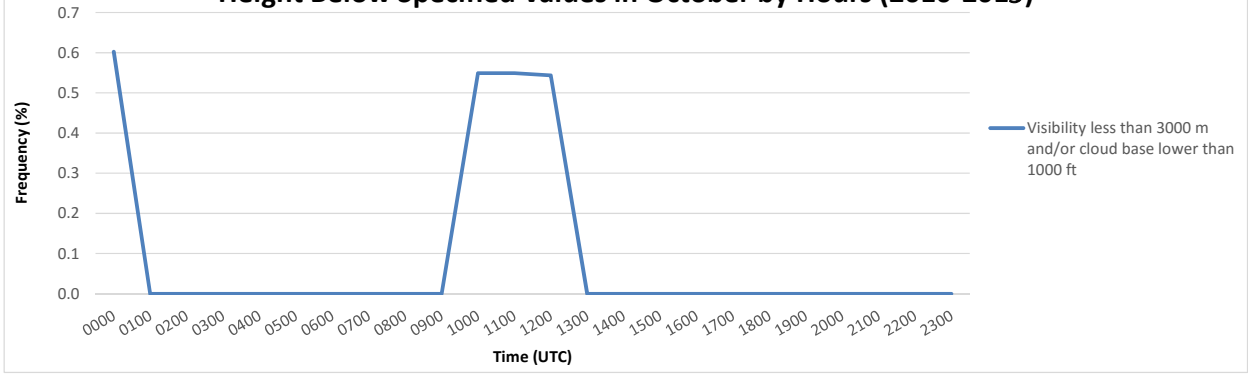
In October, based on six-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is not observed (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.09% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in October by Hours (2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	-	-	24.42
0100	-	-	-	-	-	-	-	1.12	23.60
0200	-	-	-	-	-	-	-	0.56	21.67
0300	-	-	-	-	-	-	-	0.56	23.33
0400	-	-	-	-	-	-	-	1.12	15.64
0500	-	-	-	-	-	-	0.55	1.66	8.29
0600	-	-	-	-	-	-	-	-	7.30
0700	-	-	-	-	-	-	-	0.57	6.29
0800	-	-	-	-	-	-	-	1.11	7.22
0900	-	-	-	-	-	-	-	0.57	9.09
1000	-	-	-	-	-	-	-	0.55	8.24
1100	-	-	-	-	-	-	-	0.56	8.43
1200	-	-	-	-	-	-	-	-	6.86
1300	-	-	-	-	-	-	-	0.56	10.17
1400	-	-	-	-	-	-	-	1.12	19.66
1500	-	-	-	-	-	-	-	-	25.00
1600	-	-	-	-	-	-	-	1.12	25.70
1700	-	-	-	-	-	-	-	1.11	28.33
1800	-	-	-	-	-	-	-	0.56	28.49
1900	-	-	-	-	-	-	-	0.56	25.14
2000	-	-	-	-	-	-	-	-	25.84
2100	-	-	-	-	-	-	-	0.56	25.28
2200	-	-	-	-	-	-	-	-	24.86
2300	-	-	-	-	-	-	-	0.56	24.44
TOTAL	-	-	-	-	-	-	0.02	0.61	18.06

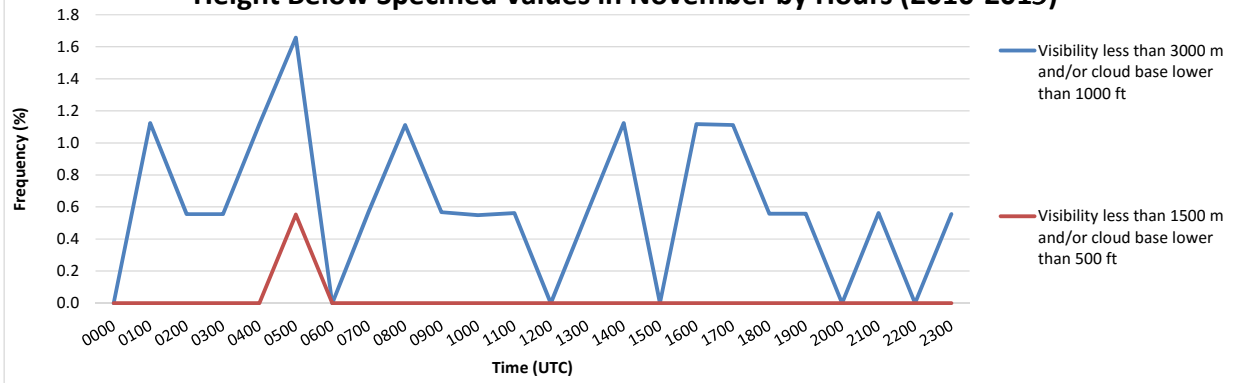
In November, based on six-year observation the RVR (Runway Visual Range) minimum values are not observed (see Model A).

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 0.61% (see Model A).

### UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in November by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/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	-	-	-	-	-	-	0.56	1.67	26.11
0100	-	-	-	-	-	-	-	1.09	25.54
0200	-	-	-	-	-	-	-	-	22.40
0300	-	-	-	-	-	-	-	-	24.86
0400	-	-	-	-	-	-	-	0.54	23.12
0500	-	-	-	-	-	-	-	2.16	11.35
0600	-	-	-	-	-	-	0.54	2.15	11.29
0700	-	-	-	-	-	-	1.08	1.08	10.75
0800	-	-	-	-	-	1.08	1.08	1.62	10.27
0900	-	-	-	-	0.54	-	0.54	1.08	11.83
1000	-	-	-	-	-	-	0.54	1.08	13.98
1100	-	-	-	-	-	-	-	1.64	12.57
1200	-	-	-	-	-	-	-	1.67	11.67
1300	-	-	-	-	-	-	-	2.16	10.27
1400	-	-	-	-	-	-	-	1.64	26.78
1500	-	-	-	-	-	-	0.55	1.10	25.82
1600	-	-	-	-	-	-	-	1.08	25.95
1700	-	-	-	-	-	-	-	0.54	25.81
1800	-	-	-	-	-	0.54	0.54	1.08	23.66
1900	-	-	-	-	-	-	-	0.53	26.20
2000	-	-	-	-	-	-	-	1.08	25.41
2100	-	-	-	-	-	-	0.54	1.08	25.41
2200	-	-	-	-	-	-	0.55	1.64	22.95
2300	-	-	-	-	-	0.55	1.10	1.10	24.73
TOTAL	-	-	-	-	0.02	0.09	0.32	1.20	19.94

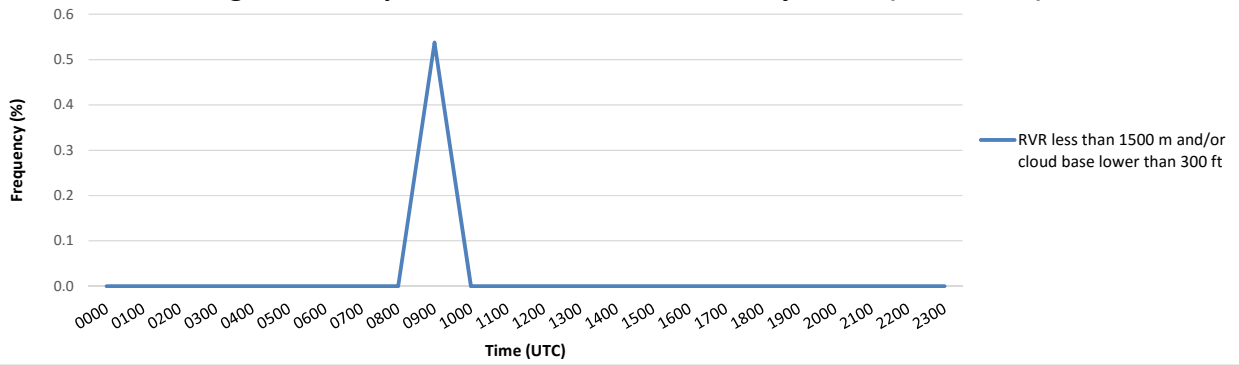
In December, the observed occurrence of the RVR (Runway Visual Range) minimum values of below 1500 meters and/or cloud ceiling below 300 feet, based on six-year observation, constitutes 0.02% (see Model A).

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

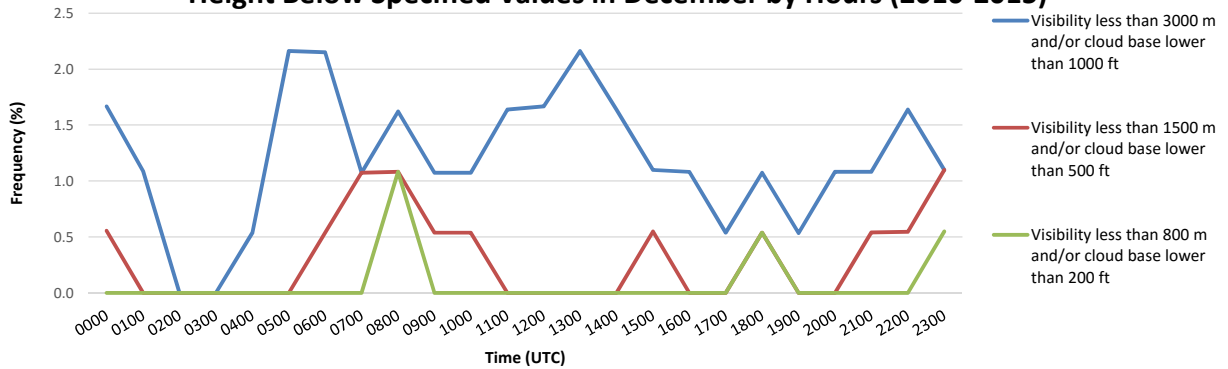
For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.32% (see Model A).

For Batumi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 3000 meters and/or cloud ceiling below 1000 feet is 1.20% (see Model A).

**UGSB - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2015)**



**UGSB - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2015)**







## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.66	1.32	23.68
0100	-	-	-	-	-	1.10	1.65	35.16
0200	-	-	-	-	-	-	2.58	26.45
0300	-	-	-	-	-	-	1.96	25.49
0400	-	-	-	-	-	0.54	1.09	35.87
0500	-	-	-	-	0.54	1.63	2.72	5.43
0600	-	-	-	-	0.53	0.53	2.67	6.95
0700	-	-	-	0.54	0.54	0.54	1.62	5.41
0800	-	-	-	-	-	0.55	0.55	2.76
0900	-	-	-	-	-	-	1.63	4.89
1000	-	-	-	-	-	-	2.17	3.80
1100	-	-	-	-	-	0.53	1.06	5.82
1200	-	-	-	-	0.55	1.09	2.73	6.56
1300	-	-	-	-	0.55	1.10	3.87	8.29
1400	-	-	-	-	-	1.67	2.22	16.67
1500	-	-	-	-	-	1.12	1.12	34.83
1600	-	-	-	-	-	1.66	1.66	35.36
1700	-	-	-	-	-	-	-	22.36
1800	-	-	-	-	-	-	-	20.92
1900	-	-	-	-	-	1.10	1.66	33.70
2000	-	-	-	-	-	0.67	0.67	20.13
2100	-	-	-	0.72	0.72	0.72	1.44	16.55
2200	-	-	-	-	0.65	1.29	1.94	25.16
2300	-	-	-	-	-	-	0.81	3.23
Mean	-	-	-	0.05	0.17	0.69	1.63	17.73

According to the climatological table of January the mean percentage of visibility values below 8000 meters is 17.73%; correspondingly, the mean percentage of 82.27% 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 800 meters is 0.05% (See climatological table of January, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	0.71	0.71	1.43	2.86	4.29	25.71
0100	-	-	0.61	0.61	0.61	0.61	1.83	34.76
0200	-	-	-	0.71	0.71	2.84	5.67	23.40
0300	-	-	0.70	0.70	0.70	0.70	2.82	23.24
0400	-	-	-	0.61	0.61	1.21	3.03	30.30
0500	-	-	-	-	-	1.19	5.95	13.69
0600	-	-	-	0.60	0.60	2.41	4.22	10.84
0700	-	-	-	-	0.61	1.21	2.42	8.48
0800	-	0.58	0.58	0.58	1.17	1.75	2.34	4.68
0900	-	-	-	-	0.60	1.19	2.98	5.95
1000	-	-	0.61	0.61	0.61	2.42	4.85	7.27
1100	-	-	-	-	-	2.38	5.36	7.14
1200	-	-	-	-	-	-	2.40	5.99
1300	-	-	-	-	0.60	1.20	1.80	7.78
1400	-	-	-	0.62	0.62	1.85	2.47	3.70
1500	-	-	1.23	1.23	1.23	1.23	1.85	30.25
1600	-	-	1.19	1.19	1.79	1.79	1.79	33.93
1700	-	-	1.44	1.44	1.44	2.88	2.88	22.30
1800	-	-	1.54	1.54	2.31	3.08	3.08	17.69
1900	-	-	0.67	1.33	1.33	1.33	2.00	28.67
2000	-	-	0.83	1.67	1.67	2.50	4.17	15.00
2100	-	-	0.88	0.88	0.88	3.51	5.26	14.04
2200	-	-	0.71	0.71	0.71	0.71	2.84	26.24
2300	-	-	0.88	0.88	0.88	0.88	2.65	10.62
Mean	-	0.02	0.52	0.69	0.88	1.74	3.29	17.15

According to the climatological table of February the mean percentage of visibility values below 8000 meters is 17.15%;

correspondingly, the mean percentage of 82.85% 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 0.02% (See climatological table of February, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	0.66	1.32	4.64	11.26
0100	-	-	-	-	-	-	3.28	23.50
0200	-	-	-	-	-	-	1.29	8.39
0300	-	-	-	-	-	0.64	2.56	10.90
0400	-	-	-	-	0.54	1.08	2.69	11.29
0500	-	-	-	-	0.55	2.73	4.92	10.38
0600	-	-	0.54	0.54	0.54	1.63	3.80	9.24
0700	-	-	-	-	0.55	1.64	3.83	9.29
0800	-	-	-	-	-	1.67	2.78	8.89
0900	-	-	-	-	0.56	1.69	2.81	10.67
1000	-	-	-	-	-	0.55	2.19	9.29
1100	-	-	-	-	-	1.10	2.76	7.73
1200	-	-	-	-	-	1.66	3.87	8.84
1300	-	-	-	-	-	0.55	2.75	11.54
1400	-	-	-	-	-	-	1.66	10.50
1500	-	-	-	-	-	-	4.55	11.93
1600	-	-	-	-	-	-	1.69	23.60
1700	-	-	-	-	-	-	0.66	11.84
1800	-	-	-	-	-	0.68	2.74	10.96
1900	-	-	-	-	-	-	0.58	23.12
2000	-	-	-	-	-	0.73	3.65	11.68
2100	-	-	-	-	-	1.59	4.76	11.90
2200	-	-	-	-	0.65	0.65	2.61	24.18
2300	-	-	-	-	-	-	2.46	10.66
Mean	-	-	0.02	0.02	0.17	0.83	2.90	12.57

According to the climatological table of March the mean percentage of visibility values below 8000 meters is 12.57%; correspondingly, the mean percentage of 87.43% 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 March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	2.05	2.74	4.11	4.11	6.16	16.44
0100	-	0.55	1.10	1.65	3.30	4.95	5.49	30.22
0200	-	1.36	2.72	2.72	3.40	4.08	5.44	14.97
0300	0.66	1.97	2.63	3.29	3.95	7.24	11.18	19.74
0400	-	1.11	2.78	2.78	3.33	3.89	6.67	16.67
0500	0.55	0.55	0.55	0.55	1.10	1.66	3.31	8.84
0600	-	-	-	0.55	1.10	3.31	6.08	8.84
0700	-	0.56	1.11	1.11	2.22	5.00	7.22	8.89
0800	-	0.56	0.56	0.56	0.56	3.33	5.56	8.89
0900	-	-	-	-	-	1.67	5.56	7.22
1000	-	-	-	0.55	0.55	2.21	4.42	7.73
1100	-	-	0.56	0.56	0.56	3.33	5.00	8.89
1200	-	-	-	-	0.58	1.73	4.62	8.67
1300	-	-	0.57	0.57	0.57	3.41	4.55	9.66
1400	-	-	1.13	1.13	1.69	3.39	6.21	10.17
1500	-	0.57	0.57	0.57	1.72	2.30	5.17	10.92
1600	-	0.56	1.12	1.69	2.25	2.81	3.93	20.79
1700	-	1.30	1.30	1.30	1.30	2.60	3.25	11.04
1800	-	0.67	1.34	2.01	2.68	2.68	2.68	9.40
1900	-	1.14	1.70	2.27	2.27	2.27	2.84	24.43
2000	-	2.19	2.92	2.92	2.92	3.65	5.11	10.95
2100	-	0.79	3.17	3.17	3.97	3.97	5.56	11.90
2200	-	-	3.38	4.05	4.73	6.08	6.76	29.73
2300	-	1.63	5.69	5.69	5.69	5.69	5.69	11.38
Mean	0.05	0.65	1.54	1.77	2.27	3.56	5.35	13.60

According to the climatological table of April the mean percentage of visibility values below 8000 meters is 13.60%; correspondingly, the mean percentage of 86.40% 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 0.05% (See climatological table of April, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	1.96	9.80
0100	-	-	0.55	0.55	0.55	1.10	3.30	25.27
0200	-	-	-	-	-	1.28	5.77	13.46
0300	-	-	-	-	-	2.52	7.55	12.58
0400	-	-	-	-	-	1.09	2.72	7.61
0500	-	-	-	-	-	0.54	3.23	9.14
0600	-	-	-	-	-	1.08	2.15	5.91
0700	-	-	-	-	-	1.08	1.08	6.49
0800	-	-	-	-	-	0.54	1.61	4.84
0900	-	-	-	-	-	1.09	1.09	2.73
1000	-	-	-	-	-	1.09	1.63	2.17
1100	-	-	-	-	-	1.63	1.63	1.63
1200	-	-	-	-	-	2.16	2.70	2.70
1300	-	-	-	-	-	1.09	1.63	3.26
1400	-	-	-	-	-	0.55	1.10	3.31
1500	-	-	-	-	-	0.56	0.56	2.81
1600	-	-	-	-	-	-	1.08	5.41
1700	-	-	-	-	-	-	0.63	7.59
1800	-	-	-	-	-	-	1.28	7.05
1900	-	-	-	-	-	0.56	0.56	19.77
2000	-	-	-	-	-	0.66	1.32	7.28
2100	-	-	-	-	-	-	2.04	12.24
2200	-	-	-	-	-	-	2.34	24.56
2300	-	-	-	-	-	-	2.00	10.00
Mean	-	-	0.02	0.02	0.02	0.78	2.12	8.65

According to the climatological table of May the mean percentage of visibility values below 8000 meters is 8.65%; correspondingly, the mean percentage of 91.35% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	4.83
0100	-	-	-	-	-	-	-	18.39
0200	-	-	-	-	-	-	1.35	6.08
0300	-	-	-	-	-	-	2.35	4.71
0400	-	-	-	-	-	-	2.25	3.93
0500	-	-	-	-	-	-	1.69	5.62
0600	-	-	-	-	-	0.56	2.78	5.56
0700	-	-	-	-	-	1.10	2.76	3.87
0800	-	-	-	-	-	1.11	2.78	4.44
0900	-	-	-	-	-	1.12	1.69	2.81
1000	-	-	-	-	-	-	1.12	2.25
1100	-	-	-	-	-	0.57	1.70	1.70
1200	-	-	-	-	-	0.56	1.69	2.82
1300	-	-	-	-	-	0.56	1.12	2.25
1400	-	-	-	-	-	-	0.56	1.69
1500	-	-	-	-	-	1.15	1.72	1.72
1600	-	-	-	-	-	0.56	1.11	3.89
1700	-	-	-	-	-	-	0.66	6.58
1800	-	-	-	-	-	-	0.67	4.67
1900	-	-	-	-	-	-	-	17.88
2000	-	-	-	-	-	-	0.65	6.54
2100	-	-	-	-	-	0.65	1.31	4.58
2200	-	-	-	-	-	-	-	19.10
2300	-	-	-	-	-	-	-	4.64
Mean	-	-	-	-	-	0.33	1.25	5.86

According to the climatological table of June the mean percentage of visibility values below 8000 meters is 5.86%; correspondingly, the mean percentage of 94.14% 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 0.33% (See climatological table of June, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	1.32	5.92
0100	-	-	-	-	-	-	0.56	16.67
0200	-	-	-	-	-	0.61	1.21	6.67
0300	-	-	-	-	-	-	1.17	2.34
0400	-	-	-	-	-	0.55	1.09	4.92
0500	-	-	-	-	-	0.55	2.20	2.75
0600	-	-	-	-	-	0.55	1.64	2.73
0700	-	-	-	-	-	0.54	1.08	3.24
0800	-	-	-	-	-	0.55	1.09	2.19
0900	-	-	-	-	-	-	0.54	2.72
1000	-	-	-	-	-	-	2.73	3.83
1100	-	-	-	-	-	-	1.09	1.09
1200	-	-	-	-	-	-	1.10	1.10
1300	-	-	-	-	-	-	0.54	1.63
1400	-	-	-	-	-	-	1.12	1.12
1500	-	-	-	-	-	-	0.55	1.66
1600	-	-	-	-	-	0.55	0.55	1.10
1700	-	-	-	-	-	-	1.81	12.05
1800	-	-	-	-	-	-	1.19	10.12
1900	-	-	-	-	-	-	0.55	15.30
2000	-	-	-	-	-	-	0.63	6.25
2100	-	-	-	-	-	-	-	5.73
2200	-	-	-	-	-	0.55	1.10	18.23
2300	-	-	-	-	-	-	-	8.70
Mean	-	-	-	-	-	0.19	1.04	5.75

According to the climatological table of July the mean percentage of visibility values below 8000 meters is 5.75%; correspondingly, the mean percentage of 94.25% 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 0.19% (See climatological table of July, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2014

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	7.01
0100	-	-	-	-	-	-	-	14.77
0200	-	-	-	-	-	-	-	6.75
0300	-	-	-	-	-	-	-	2.23
0400	-	-	-	-	-	-	-	2.20
0500	-	-	-	-	-	-	1.09	2.73
0600	-	-	-	-	-	-	2.81	3.93
0700	-	-	-	-	-	-	1.63	2.72
0800	-	-	-	-	-	0.54	2.17	3.26
0900	-	-	-	-	-	-	1.10	3.87
1000	-	-	-	-	-	-	0.55	2.73
1100	-	-	-	-	-	-	0.55	1.10
1200	-	-	-	-	-	0.55	2.75	3.85
1300	-	-	-	-	-	-	1.09	2.17
1400	-	-	-	-	-	-	0.54	1.09
1500	-	-	-	-	-	-	1.10	2.21
1600	-	-	-	-	-	0.55	2.20	9.89
1700	-	-	-	-	-	-	1.15	16.09
1800	-	-	-	-	-	-	1.20	12.05
1900	-	-	-	-	-	-	0.56	16.85
2000	-	-	-	-	-	-	0.60	9.52
2100	-	-	-	-	-	-	1.26	6.29
2200	-	-	-	-	-	-	0.57	14.29
2300	-	-	-	-	-	-	1.89	7.55
Mean	-	-	-	-	-	0.07	1.03	6.46

According to the climatological table of August the mean percentage of visibility values below 8000 meters is 6.46%; correspondingly, the mean percentage of 93.54% 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 3000 meters is 0.07% (See climatological table of August, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2014

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.64	1.28	8.97
0100	-	-	-	-	-	-	-	16.67
0200	-	-	-	-	-	-	-	7.10
0300	-	-	-	-	-	-	1.85	4.32
0400	-	-	-	-	-	1.13	3.95	4.52
0500	-	-	-	-	-	0.56	3.37	5.06
0600	-	-	-	-	-	-	2.25	5.06
0700	-	-	-	-	0.56	0.56	2.82	4.52
0800	-	-	-	-	0.56	0.56	1.69	4.49
0900	-	-	-	-	-	-	1.69	3.39
1000	-	-	-	-	-	-	0.56	2.26
1100	-	-	-	-	-	-	-	2.81
1200	-	-	-	-	-	0.56	1.69	3.39
1300	-	-	-	-	-	-	0.57	1.70
1400	-	-	-	-	-	-	1.71	3.43
1500	-	-	-	-	-	-	1.71	4.00
1600	-	-	-	-	-	0.56	1.13	17.51
1700	-	-	-	-	-	-	-	18.29
1800	-	-	-	-	-	-	0.64	7.01
1900	-	-	-	-	-	0.56	0.56	18.54
2000	-	-	-	-	-	-	-	9.26
2100	-	-	-	-	-	0.65	0.65	7.79
2200	-	-	-	-	-	-	-	16.57
2300	-	-	-	-	-	-	-	10.26
Mean	-	-	-	-	0.05	0.24	1.17	7.79

According to the climatological table of September the mean percentage of visibility values below 8000 meters is 7.79%; correspondingly, the mean percentage of 92.21% 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 0.05% (See climatological table of September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.60	1.20	17.47
0100	-	-	-	-	-	-	1.60	20.32
0200	-	-	-	-	-	-	-	17.58
0300	-	-	-	-	-	-	1.09	15.30
0400	-	-	-	-	-	-	0.53	3.19
0500	-	-	-	-	-	-	1.06	2.66
0600	-	-	-	-	-	-	0.53	3.72
0700	-	-	-	-	-	-	1.08	2.69
0800	-	-	-	-	-	-	0.55	2.20
0900	-	-	-	-	-	-	1.10	3.30
1000	-	-	-	-	-	0.55	2.20	3.85
1100	-	-	-	-	-	0.55	1.10	3.30
1200	-	-	-	-	-	-	1.09	2.72
1300	-	-	-	-	-	-	0.54	2.15
1400	-	-	-	-	-	-	-	1.60
1500	-	-	-	-	-	-	-	16.93
1600	-	-	-	-	-	-	-	18.72
1700	-	-	-	-	-	-	-	17.74
1800	-	-	-	-	-	-	-	13.81
1900	-	-	-	-	-	-	-	18.72
2000	-	-	-	-	-	-	1.07	18.18
2100	-	-	-	-	-	-	0.56	13.97
2200	-	-	-	-	-	-	-	17.65
2300	-	-	-	-	-	-	-	18.28
Mean	-	-	-	-	-	0.07	0.64	10.67

According to the climatological table of October the mean percentage of visibility values below 8000 meters is 10.67%; correspondingly, the mean percentage of 89.33% 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 0.07% (See climatological table of October, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	0.58	19.08
0100	-	-	-	-	-	0.56	1.12	18.54
0200	-	-	-	-	-	-	0.56	18.33
0300	-	-	-	-	-	-	1.67	20.56
0400	-	-	-	-	-	-	1.12	12.29
0500	-	-	-	-	0.55	1.10	2.76	6.08
0600	-	-	-	-	-	-	1.69	3.37
0700	-	-	-	-	-	0.57	1.71	2.29
0800	-	-	-	-	-	1.11	1.67	5.00
0900	-	-	-	-	-	0.57	1.14	4.55
1000	-	-	-	-	-	0.55	0.55	2.75
1100	-	-	-	-	-	0.56	3.93	5.06
1200	-	-	-	-	-	-	1.14	4.00
1300	-	-	-	-	-	0.56	1.13	5.65
1400	-	-	-	-	-	0.56	0.56	13.48
1500	-	-	-	-	-	-	1.70	21.02
1600	-	-	-	-	-	-	0.56	20.67
1700	-	-	-	-	-	-	0.56	22.78
1800	-	-	-	-	-	-	1.68	20.67
1900	-	-	-	-	-	0.56	1.12	20.67
2000	-	-	-	-	-	-	0.56	20.79
2100	-	-	-	-	-	0.56	1.12	20.79
2200	-	-	-	-	-	-	2.26	20.90
2300	-	-	-	-	-	0.56	0.56	19.44
Mean	-	-	-	-	0.02	0.33	1.31	13.70

According to the climatological table of November the mean percentage of visibility values below 8000 meters is 13.70%; correspondingly, the mean percentage of 86.30% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

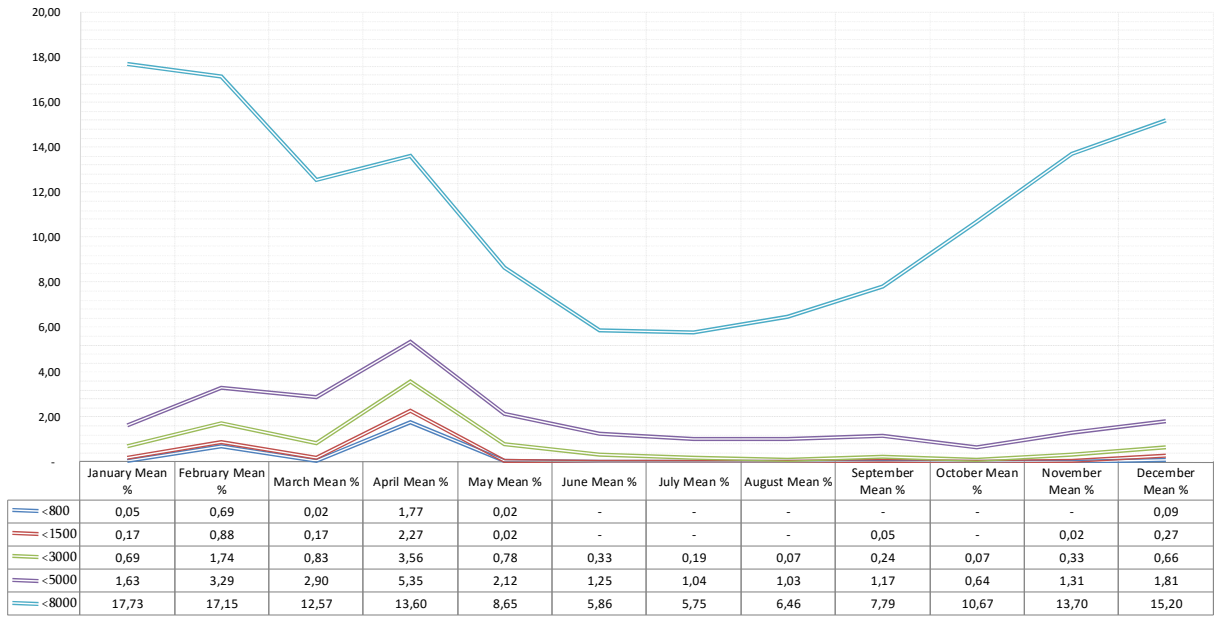
FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.56	1.11	21.11
0100	-	-	-	-	-	0.54	1.63	20.65
0200	-	-	-	-	-	-	-	19.67
0300	-	-	-	-	-	-	1.08	20.00
0400	-	-	-	-	-	-	1.62	20.00
0500	-	-	-	-	-	1.08	1.62	5.41
0600	-	-	-	-	0.54	2.15	4.84	6.45
0700	-	-	-	-	1.08	1.08	2.15	5.38
0800	-	-	0.54	1.08	1.08	1.08	2.70	6.49
0900	-	-	-	-	0.54	0.54	1.61	5.91
1000	-	-	-	-	-	1.08	2.69	7.53
1100	-	-	-	-	-	0.55	2.19	6.56
1200	-	-	-	-	-	0.56	2.78	5.56
1300	-	-	-	-	-	1.08	2.70	5.41
1400	-	-	-	-	-	0.55	1.09	20.77
1500	-	-	-	-	0.55	0.55	1.65	20.33
1600	-	-	-	-	-	0.54	1.62	23.78
1700	-	-	-	-	-	-	1.08	20.97
1800	-	-	-	0.54	0.54	1.08	1.08	19.35
1900	-	-	-	-	-	-	0.53	19.79
2000	-	-	-	-	-	-	1.08	20.54
2100	-	-	-	-	0.54	0.54	2.70	21.62
2200	-	-	-	-	0.55	1.09	1.64	20.22
2300	-	-	-	0.55	1.10	1.10	2.20	21.43
Mean	-	-	0.02	0.09	0.27	0.66	1.81	15.20

According to the climatological table of December the mean percentage of visibility values below 8000 meters is 15.20%; correspondingly, the mean percentage of 84.80% 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 2010-2015)







## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

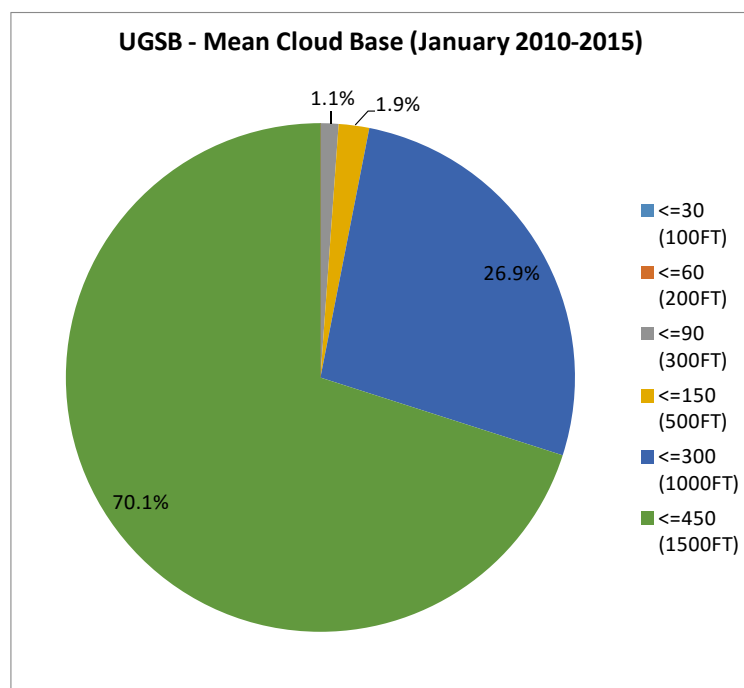
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	1.32	1.97	8.55
0100	-	-	-	0.55	2.20	7.69
0200	-	-	-	-	3.23	9.68
0300	-	-	-	-	3.27	9.15
0400	-	-	-	0.54	2.17	8.15
0500	-	-	0.54	0.54	2.72	8.15
0600	-	-	0.53	0.53	2.14	8.02
0700	-	-	-	-	2.16	7.03
0800	-	-	-	-	1.66	7.18
0900	-	-	-	-	3.26	9.78
1000	-	-	-	-	2.72	8.70
1100	-	-	-	-	1.59	9.52
1200	-	-	0.55	0.55	2.73	10.93
1300	-	-	0.55	0.55	5.52	13.26
1400	-	-	-	0.56	3.89	10.56
1500	-	-	-	-	2.81	7.30
1600	-	-	-	-	1.66	5.52
1700	-	-	-	-	-	1.86
1800	-	-	-	-	0.65	2.61
1900	-	-	-	-	1.66	6.63
2000	-	-	-	-	1.34	5.37
2100	-	-	-	0.72	3.60	8.63
2200	-	-	-	-	3.23	10.32
2300	-	-	-	-	0.81	5.65
Mean	-	-	0.09	0.24	2.37	7.93



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 – 70.1%
2. >500FT and <= 1000FT – 26.9%
3. >300FT and <= 500FT – 1.9%
4. >200FT and <= 300FT – 1.1%
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In January, the mean percentage of cloud ceiling recorded above 1500 feet is 92.07% of the total amount of occurrences (See climatological table of January, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.09 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

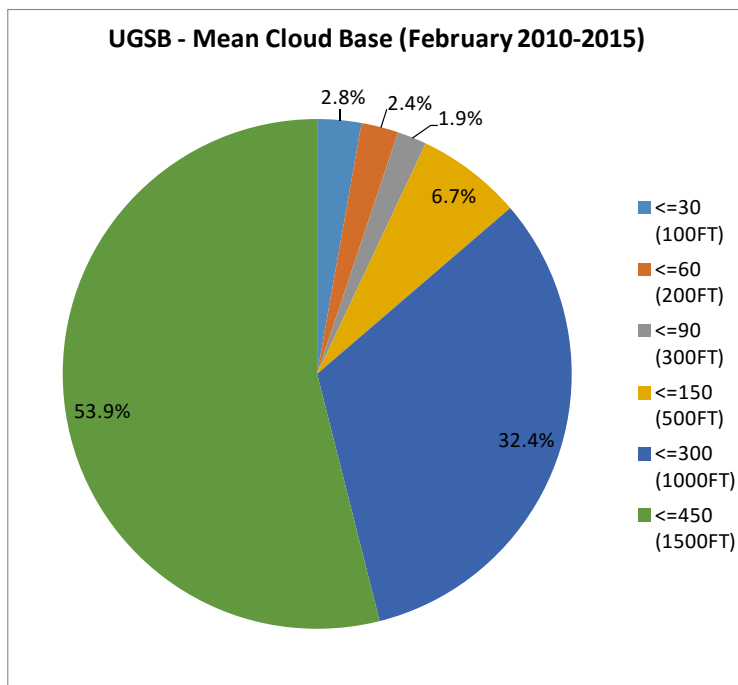
OBSERVATION INTERVAL: 1 HOUR

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	0.70	0.70	1.41	2.82	8.45	16.20
0100	0.61	0.61	2.42	2.42	7.27	15.15
0200	0.71	0.71	1.42	2.13	7.80	17.02
0300	0.70	0.70	1.41	2.11	9.15	19.72
0400	0.61	0.61	0.61	1.82	5.45	18.79
0500	-	-	-	0.59	7.10	13.61
0600	-	-	-	1.20	5.42	11.45
0700	-	-	-	0.61	5.45	10.91
0800	-	-	-	1.76	4.71	10.59
0900	-	-	-	1.19	3.57	10.71
1000	-	-	-	1.21	4.24	10.91
1100	-	-	-	1.19	6.55	14.29
1200	-	-	-	0.60	3.57	8.93
1300	-	0.60	0.60	0.60	4.19	11.98
1400	-	0.62	0.62	1.23	4.32	9.26
1500	0.62	1.23	1.23	1.85	4.94	9.88
1600	0.60	1.19	1.19	2.38	7.74	13.10
1700	0.72	1.45	1.45	2.90	5.80	11.59
1800	-	1.54	2.31	3.08	6.92	11.54
1900	0.67	1.33	1.33	2.00	7.33	13.33
2000	0.83	1.67	1.67	3.33	5.00	8.33
2100	0.88	0.88	0.88	0.88	5.26	13.16
2200	0.70	0.70	0.70	1.41	3.52	9.86
2300	-	0.88	1.75	1.75	4.39	9.65
Mean	0.35	0.64	0.87	1.71	5.76	12.50



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 – 53.9%
2. >500FT and <= 1000FT – 32.4%
3. >300FT and <= 500FT – 6.7%
4. >200FT and <= 300FT – 1.9%
5. >100FT and <= 200FT – 2.4%
6. <=100FT – 2.8%

In February, the mean percentage of cloud ceiling recorded above 1500 feet is 87.5% of the total amount of occurrences (See climatological table of February, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.35 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

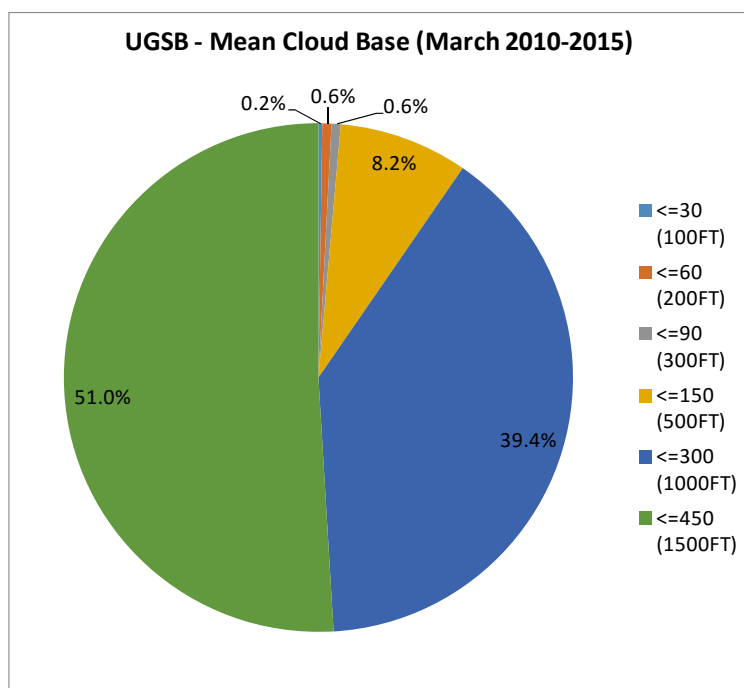
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	1.99	8.61	19.21
0100	-	-	0.55	2.73	7.65	14.75
0200	-	-	-	1.29	7.10	16.77
0300	-	-	-	0.64	5.13	16.03
0400	-	-	-	0.54	6.45	15.05
0500	-	-	-	0.55	5.46	10.93
0600	-	0.54	0.54	0.54	5.98	16.85
0700	-	-	-	1.09	6.56	15.30
0800	-	-	-	0.56	7.22	12.22
0900	-	-	-	1.69	6.74	12.36
1000	-	-	-	2.19	6.01	12.02
1100	-	-	-	1.10	6.08	11.05
1200	-	-	0.55	1.10	8.84	13.26
1300	-	0.55	0.55	1.10	6.59	14.84
1400	-	-	-	0.55	5.52	10.50
1500	-	-	-	1.14	6.25	10.23
1600	-	-	-	2.25	5.62	9.55
1700	-	-	-	0.66	5.92	14.47
1800	-	-	-	0.68	6.16	10.96
1900	-	-	-	0.58	6.36	10.98
2000	-	-	-	1.46	8.03	13.14
2100	0.79	1.59	2.38	3.97	9.52	18.25
2200	-	-	-	1.96	6.54	13.73
2300	-	-	-	0.82	4.92	12.30
Mean	0.03	0.11	0.19	1.30	6.64	13.53



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 – 51.0%
2. >500FT and <= 1000FT – 39.4%
3. >300FT and <= 500FT – 8.2%
4. >200FT and <= 300FT – 0.6%
5. >100FT and <= 200FT – 0.6%
6. <=100FT – 0.2%

In March, the mean percentage of cloud ceiling recorded above 1500 feet is 86.47% of the total amount of occurrences (See climatological table of March, Model C).

Six-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 March, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

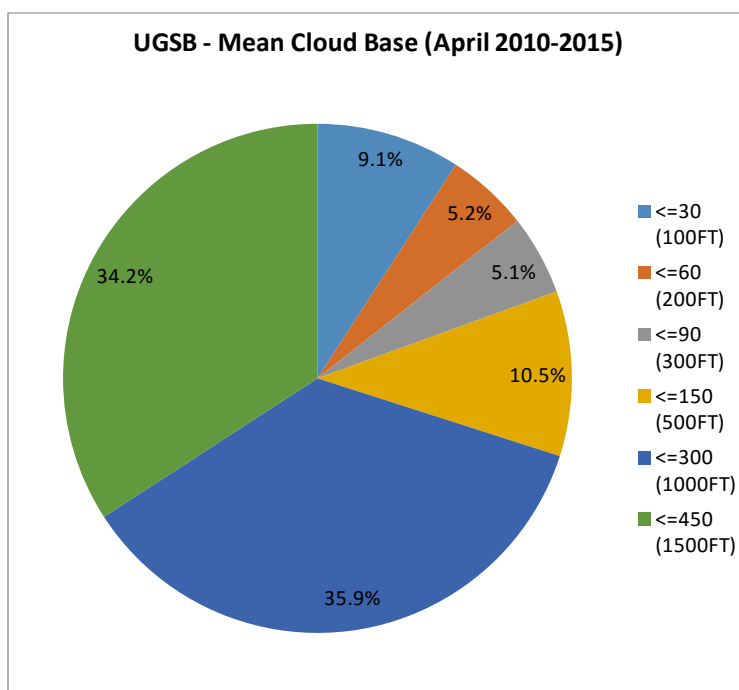
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	2.05	3.42	3.42	4.11	11.64	17.12
0100	1.65	1.65	2.20	3.85	8.79	12.64
0200	2.04	3.40	3.40	4.76	7.48	12.93
0300	2.63	2.63	3.29	5.26	10.53	16.45
0400	1.11	2.22	3.89	5.00	13.89	17.22
0500	0.55	1.10	1.10	2.76	9.94	12.71
0600	-	0.55	1.10	3.31	6.63	13.81
0700	-	0.56	2.78	4.44	6.11	10.00
0800	-	-	1.11	3.33	7.22	11.67
0900	-	-	0.56	3.33	6.67	12.22
1000	0.55	1.10	2.21	2.76	8.84	12.71
1100	0.56	1.67	2.78	5.00	7.78	10.00
1200	-	0.58	1.16	2.89	8.09	13.29
1300	0.57	1.14	2.27	3.98	9.09	15.34
1400	0.56	0.56	1.13	2.82	9.60	15.25
1500	0.57	1.15	2.30	4.60	9.77	12.07
1600	1.12	2.25	2.25	3.37	7.30	12.92
1700	0.65	1.95	1.95	2.60	7.79	10.39
1800	2.01	2.68	2.68	3.36	8.05	12.08
1900	2.27	2.27	2.27	2.84	6.82	11.36
2000	2.19	2.92	4.38	4.38	7.30	12.41
2100	3.17	3.97	3.97	5.56	10.32	14.29
2200	2.03	3.38	4.05	4.05	7.43	11.49
2300	2.44	4.07	4.88	5.69	9.76	13.82
Mean	1.20	1.88	2.55	3.92	8.62	13.09



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 – 34.2%
2. >500FT and <= 1000FT – 35.9%
3. >300FT and <= 500FT – 10.5%
4. >200FT and <= 300FT – 5.1%
5. >100FT and <= 200FT – 5.2%
6. <=100FT – 9.1%

In April, the mean percentage of cloud ceiling recorded above 1500 feet is 86.91% of the total amount of occurrences (See climatological table of April, Model C).

Six-year observation data on clouds revealed average occurrence probability of 1.2 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

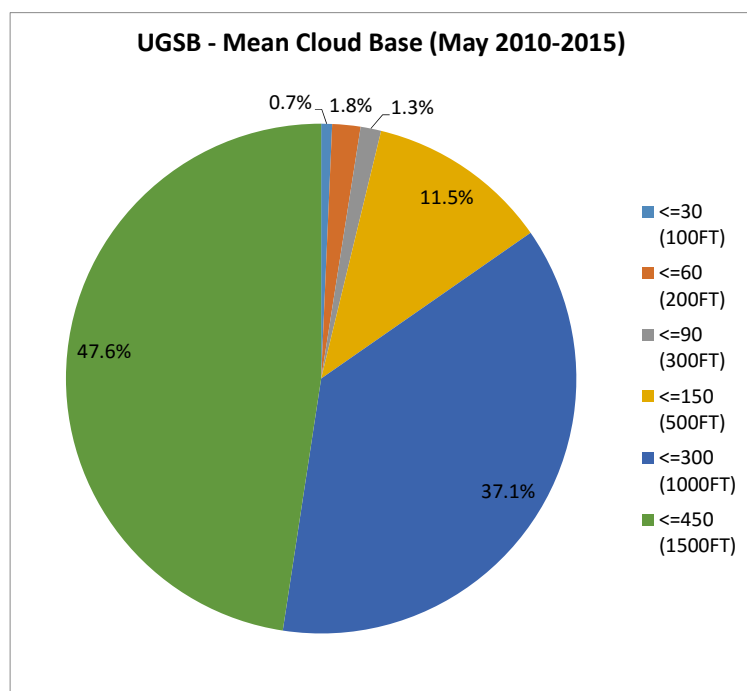
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	0.65	3.27	5.23
0100	0.55	0.55	0.55	1.65	5.49	8.24
0200	0.64	1.28	1.28	3.85	10.26	14.74
0300	-	-	-	1.89	5.66	8.81
0400	-	-	0.54	1.09	3.80	7.07
0500	-	-	-	1.08	4.30	8.06
0600	-	-	-	0.54	4.84	6.99
0700	-	-	-	0.54	2.70	7.57
0800	-	-	-	0.54	4.84	8.60
0900	-	-	-	0.55	4.37	8.74
1000	-	-	-	0.54	2.72	7.07
1100	-	-	0.54	1.09	2.72	4.89
1200	-	0.54	0.54	1.08	1.62	4.86
1300	-	-	0.54	1.63	2.72	5.43
1400	-	-	-	1.10	3.31	5.52
1500	-	-	-	-	2.81	5.62
1600	-	-	-	0.54	1.62	3.78
1700	-	-	0.63	1.27	5.70	9.49
1800	-	-	-	0.64	3.85	8.33
1900	-	-	-	0.56	2.82	5.65
2000	-	-	-	0.66	3.31	7.95
2100	-	-	-	2.04	2.72	6.80
2200	-	0.58	0.58	1.75	2.92	7.60
2300	-	1.33	1.33	1.33	2.67	6.67
Mean	0.05	0.18	0.27	1.11	3.79	7.24



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 – 47.6%
2. >500FT and <= 1000FT – 37.1%
3. >300FT and <= 500FT – 11.5%
4. >200FT and <= 300FT – 1.3%
5. >100FT and <= 200FT – 1.8%
6. <=100FT – 0.7%

In May, the mean percentage of cloud ceiling recorded above 1500 feet is 92.76% of the total amount of occurrences (See climatological table of May, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

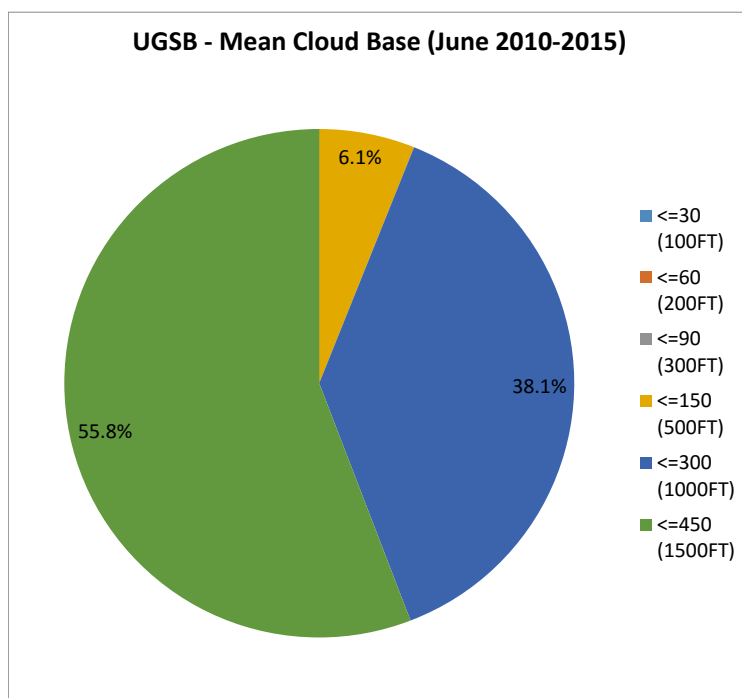
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	1.38	2.07
0100	-	-	-	-	1.15	4.02
0200	-	-	-	-	0.68	4.73
0300	-	-	-	-	1.76	2.94
0400	-	-	-	0.56	1.69	2.25
0500	-	-	-	0.56	1.12	1.69
0600	-	-	-	-	1.11	3.33
0700	-	-	-	-	1.66	2.21
0800	-	-	-	-	0.56	1.11
0900	-	-	-	0.56	0.56	1.69
1000	-	-	-	-	0.56	1.12
1100	-	-	-	0.57	1.14	1.14
1200	-	-	-	-	1.13	1.69
1300	-	-	-	-	0.56	2.25
1400	-	-	-	-	1.13	2.26
1500	-	-	-	-	1.72	2.30
1600	-	-	-	-	0.56	2.78
1700	-	-	-	-	1.32	2.63
1800	-	-	-	-	0.67	1.33
1900	-	-	-	-	-	1.12
2000	-	-	-	-	0.65	3.27
2100	-	-	-	0.65	1.31	1.96
2200	-	-	-	-	2.25	5.62
2300	-	-	-	0.66	1.32	3.31
Mean	-	-	-	0.15	1.08	2.45



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 – 55.8%
2. >500FT and <= 1000FT – 38.1%
3. >300FT and <= 500FT – 6.1%
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 97.55% of the total amount of occurrences (See climatological table of June, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.15 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

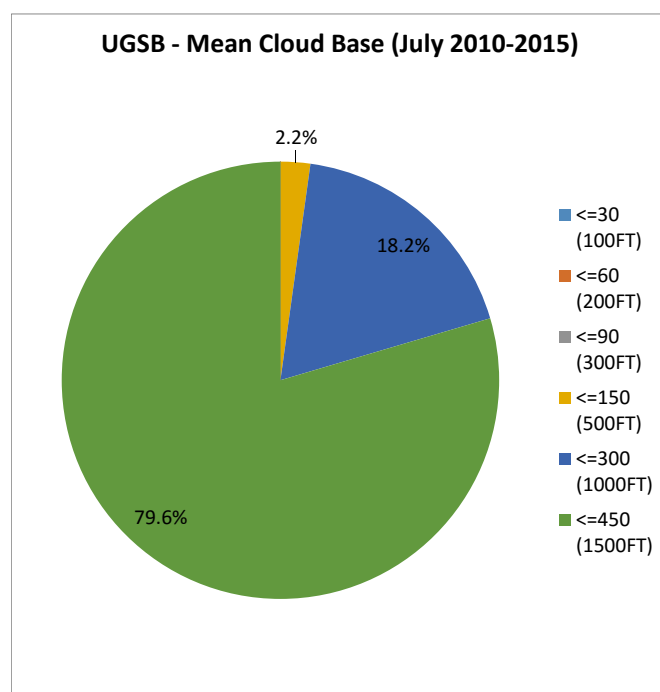
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.7
0100	-	-	-	-	-	-
0200	-	-	-	-	0.6	1.2
0300	-	-	-	-	0.6	1.2
0400	-	-	-	-	-	1.6
0500	-	-	-	-	-	1.6
0600	-	-	-	-	0.5	1.1
0700	-	-	-	-	0.5	0.5
0800	-	-	-	-	0.5	1.6
0900	-	-	-	-	0.5	1.1
1000	-	-	-	-	-	2.2
1100	-	-	-	0.5	1.1	1.1
1200	-	-	-	-	-	1.6
1300	-	-	-	-	-	1.1
1400	-	-	-	-	-	1.7
1500	-	-	-	-	-	0.6
1600	-	-	-	-	-	-
1700	-	-	-	-	-	0.6
1800	-	-	-	-	-	1.2
1900	-	-	-	-	-	0.5
2000	-	-	-	-	-	0.6
2100	-	-	-	-	0.6	1.3
2200	-	-	-	-	-	0.6
2300	-	-	-	-	-	1.2
Mean	-	-	-	0.02	0.21	1.04



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 – 79.6%
2. >500FT and <= 1000FT – 18.2%
3. >300FT and <= 500FT – 2.2%
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 98.96% of the total amount of occurrences (See climatological table of July, Model C).

Six-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 July, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

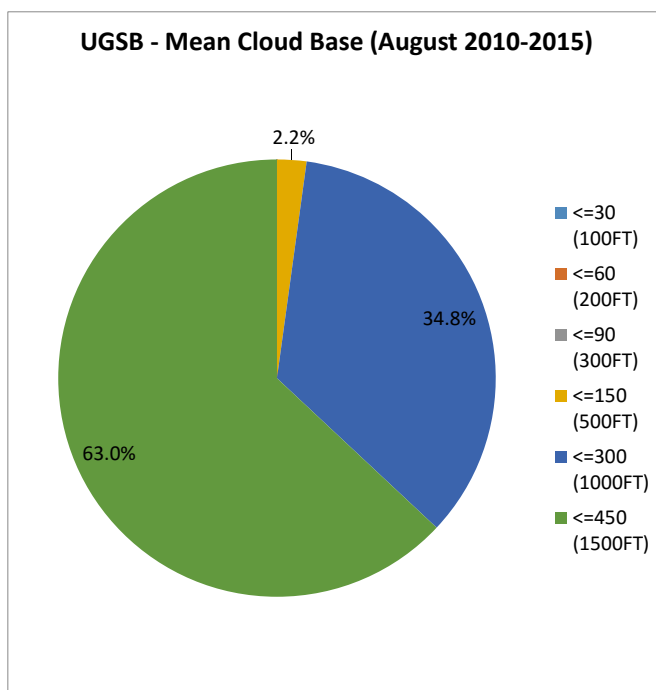
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	1.27
0100	-	-	-	-	1.14	2.84
0200	-	-	-	-	1.23	1.23
0300	-	-	-	-	-	-
0400	-	-	-	-	-	-
0500	-	-	-	-	0.55	2.19
0600	-	-	-	0.56	1.69	1.69
0700	-	-	-	-	0.54	2.17
0800	-	-	-	-	1.09	2.17
0900	-	-	-	-	0.55	1.10
1000	-	-	-	-	-	0.55
1100	-	-	-	-	1.10	2.20
1200	-	-	-	-	0.55	2.75
1300	-	-	-	-	0.54	0.54
1400	-	-	-	-	-	0.54
1500	-	-	-	-	-	0.55
1600	-	-	-	-	-	-
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	-	-	0.56
2000	-	-	-	-	-	-
2100	-	-	-	-	0.63	1.89
2200	-	-	-	-	-	1.71
2300	-	-	-	-	-	-
Mean	-	-	-	0.02	0.40	1.08



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 – 63.0%
2. >500FT and <= 1000FT – 34.8%
3. >300FT and <= 500FT – 2.2%
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 98.92% of the total amount of occurrences (See climatological table of August, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

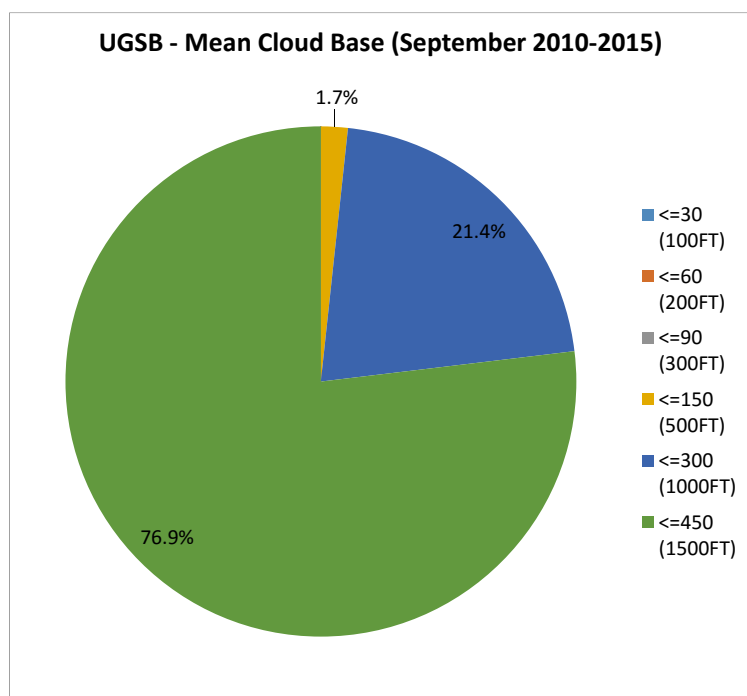
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	1.3
0100	-	-	-	-	-	1.7
0200	-	-	-	0.6	0.6	1.9
0300	-	-	-	-	0.6	2.5
0400	-	-	-	-	1.7	1.7
0500	-	-	-	-	-	1.1
0600	-	-	-	-	-	1.1
0700	-	-	-	-	-	4.0
0800	-	-	-	-	-	1.1
0900	-	-	-	-	-	1.1
1000	-	-	-	-	-	0.6
1100	-	-	-	-	0.6	1.1
1200	-	-	-	-	0.6	1.1
1300	-	-	-	-	0.6	2.3
1400	-	-	-	-	1.7	1.7
1500	-	-	-	-	0.6	1.1
1600	-	-	-	-	-	1.7
1700	-	-	-	-	-	1.1
1800	-	-	-	-	0.6	1.3
1900	-	-	-	-	-	2.2
2000	-	-	-	-	0.6	0.6
2100	-	-	-	-	-	2.6
2200	-	-	-	-	0.6	2.9
2300	-	-	-	-	-	-
Mean	-	-	-	0.03	0.37	1.58



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 – 76.9%
2. >500FT and <= 1000FT – 21.4%
3. >300FT and <= 500FT – 1.7%
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 98.42% of the total amount of occurrences (See climatological table of September, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.03 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

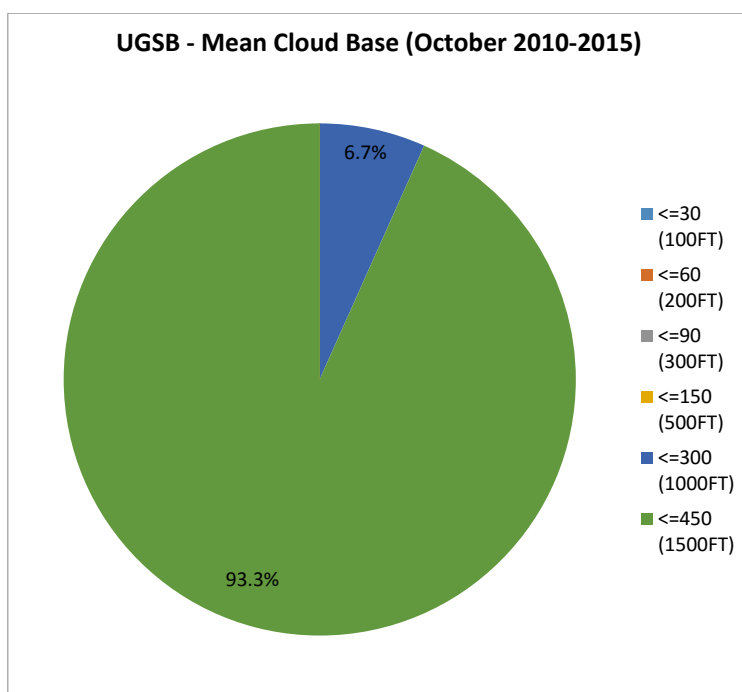
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	0.6	3.0
0100	-	-	-	-	-	3.2
0200	-	-	-	-	-	2.7
0300	-	-	-	-	-	1.6
0400	-	-	-	-	-	1.6
0500	-	-	-	-	-	1.6
0600	-	-	-	-	-	1.1
0700	-	-	-	-	-	1.6
0800	-	-	-	-	-	1.6
0900	-	-	-	-	0.5	1.6
1000	-	-	-	-	1.1	2.2
1100	-	-	-	-	0.5	2.2
1200	-	-	-	-	0.5	3.3
1300	-	-	-	-	-	2.2
1400	-	-	-	-	-	1.6
1500	-	-	-	-	-	2.6
1600	-	-	-	-	-	1.1
1700	-	-	-	-	-	2.2
1800	-	-	-	-	-	2.2
1900	-	-	-	-	-	3.2
2000	-	-	-	-	-	3.2
2100	-	-	-	-	-	1.7
2200	-	-	-	-	-	1.6
2300	-	-	-	-	-	1.1
Mean	-	-	-	-	0.14	2.08



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 – 93.3%
2. >500FT and <= 1000FT – 6.7%
3. >300FT and <= 500FT – not observed
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 97.92% of the total amount of occurrences (See climatological table of October, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.14 percent of minimum cloud height of 1000 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

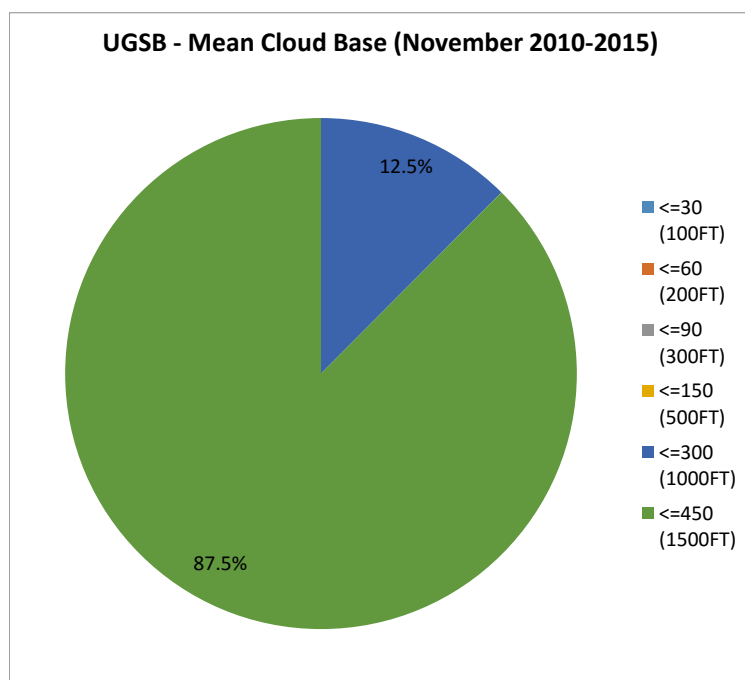
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	0.56	1.11
0300	-	-	-	-	-	0.56
0400	-	-	-	-	-	-
0500	-	-	-	-	-	-
0600	-	-	-	-	0.56	1.12
0700	-	-	-	-	-	-
0800	-	-	-	-	-	0.56
0900	-	-	-	-	-	0.57
1000	-	-	-	-	-	0.55
1100	-	-	-	-	-	0.56
1200	-	-	-	-	-	0.57
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	0.57
1600	-	-	-	-	-	0.56
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	-	-	0.56
2000	-	-	-	-	-	-
2100	-	-	-	-	-	0.56
2200	-	-	-	-	-	0.57
2300	-	-	-	-	-	0.56
Mean	-	-	-	-	0.05	0.37



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 – 87.5%
2. >500FT and <= 1000FT – 12.5%
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 99.63% of the total amount of occurrences (See climatological table of November, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.05 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

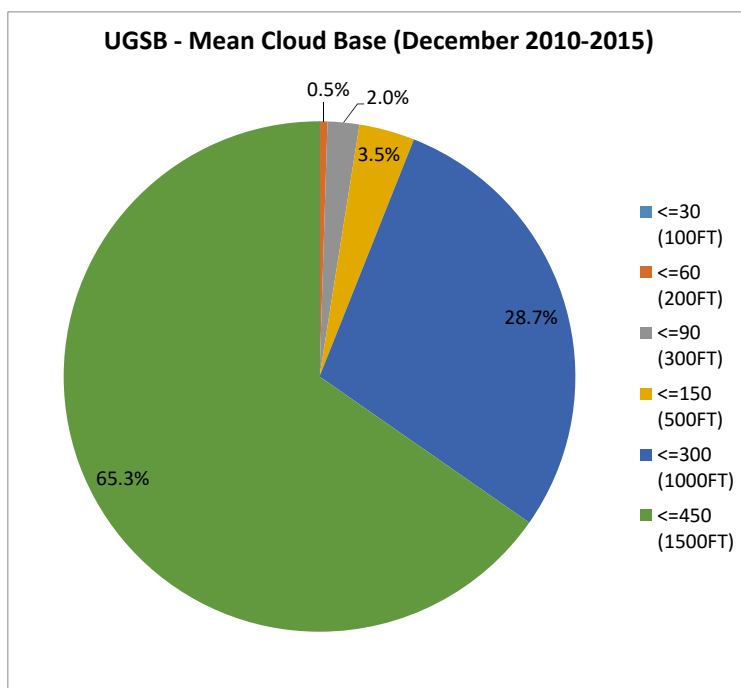
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	0.56	2.22	5.00
0100	-	-	-	-	1.63	5.43
0200	-	-	-	-	-	2.73
0300	-	-	-	-	0.54	3.78
0400	-	-	-	-	0.54	5.41
0500	-	-	-	-	1.08	4.86
0600	-	-	-	0.54	2.15	5.91
0700	-	-	0.54	0.54	2.69	4.30
0800	-	-	-	1.62	3.24	5.41
0900	-	0.54	0.54	0.54	2.15	5.38
1000	-	-	0.54	0.54	0.54	4.30
1100	-	-	-	-	2.19	4.37
1200	-	-	-	-	1.67	4.44
1300	-	-	-	-	1.62	2.70
1400	-	-	-	-	1.64	3.28
1500	-	-	-	-	2.20	4.40
1600	-	-	-	-	0.54	3.24
1700	-	-	-	-	1.61	4.84
1800	-	-	-	-	1.08	3.76
1900	-	-	-	-	1.07	2.67
2000	-	-	-	0.54	1.62	5.95
2100	-	-	0.54	0.54	1.62	3.78
2200	-	-	0.54	0.54	2.70	6.49
2300	-	-	-	0.54	1.09	5.43
Mean	-	0.02	0.11	0.27	1.56	4.50



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 – 65.3%
2. >500FT and <= 1000FT – 28.7%
3. >300FT and <= 500FT – 3.5%
4. >200FT and <= 300FT – 2.0%
5. >100FT and <= 200FT – 0.5%
6. <=100FT – not observed

In December, the mean percentage of cloud ceiling recorded above 1500 feet is 95.50% of the total amount of occurrences (See climatological table of December, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

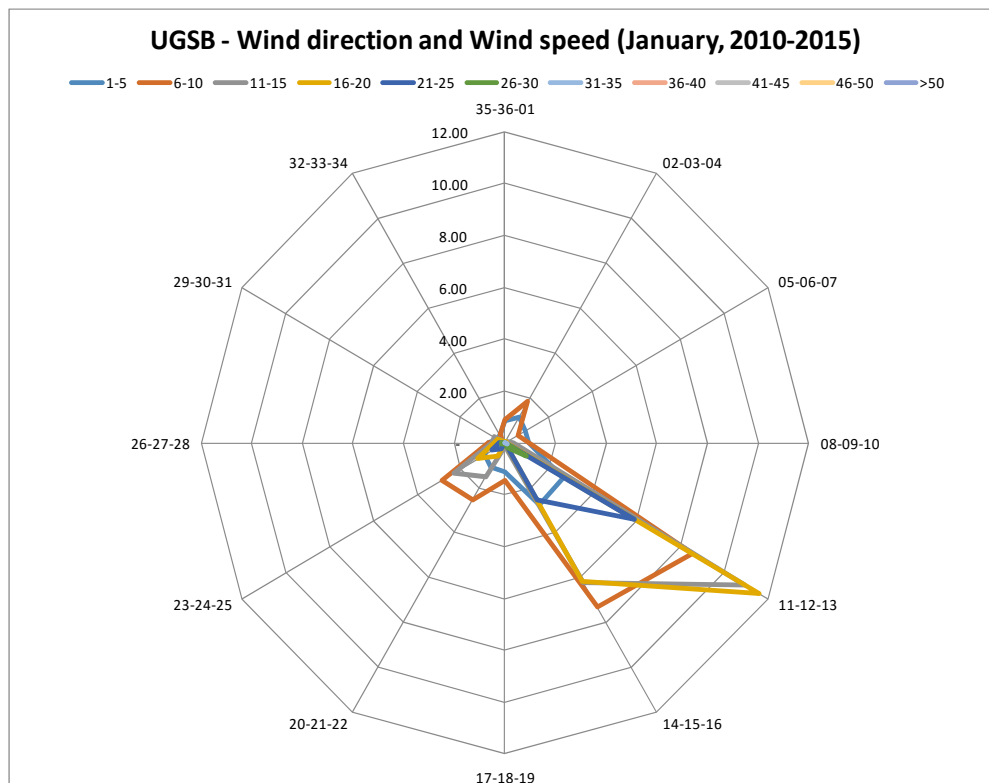
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.89
VARIABLE	1.59	0.17	-	-	-	-	-	-	-	-	-	1.76
35-36-01	0.87	0.91	0.01	0.03	-	-	-	-	-	-	-	1.82
02-03-04	1.12	1.83	0.04	-	-	-	-	-	-	-	-	3.00
05-06-07	0.91	0.60	0.13	0.09	-	-	-	-	-	-	-	1.72
08-09-10	0.94	0.92	0.34	0.07	0.01	-	-	-	-	-	-	2.29
11-12-13	2.68	8.55	10.93	11.58	5.91	0.98	0.13	-	-	-	-	40.76
14-15-16	2.74	7.30	6.20	6.15	2.56	0.18	-	-	-	-	-	25.13
17-18-19	1.11	1.46	0.13	0.01	-	-	-	-	-	-	-	2.71
20-21-22	1.09	2.56	1.53	0.58	0.27	0.07	-	-	-	-	-	6.10
23-24-25	0.91	2.87	2.34	1.24	0.57	0.13	-	-	-	-	-	8.05
26-27-28	0.64	0.65	0.51	0.41	0.23	0.14	-	-	-	-	-	2.58
29-30-31	0.30	0.11	0.48	0.30	0.04	0.01	0.01	-	-	-	-	1.26
32-33-34	0.38	0.40	0.07	0.07	0.01	-	-	-	-	-	-	0.94
<b>TOTAL</b>	<b>15.28</b>	<b>28.32</b>	<b>22.73</b>	<b>20.53</b>	<b>9.60</b>	<b>1.52</b>	<b>0.14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>



**CALM**  
1.89%

**VARIABLE**  
1.76%

The prevailing wind directions of 110°-160° frequency of occurrence is 65.89%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze (frequency of occurrence 43.60%) and wind speed of 11-20 knots, which is the Moderate and Fresh breeze (frequency of occurrence 43.26%) 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 0.14%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6768

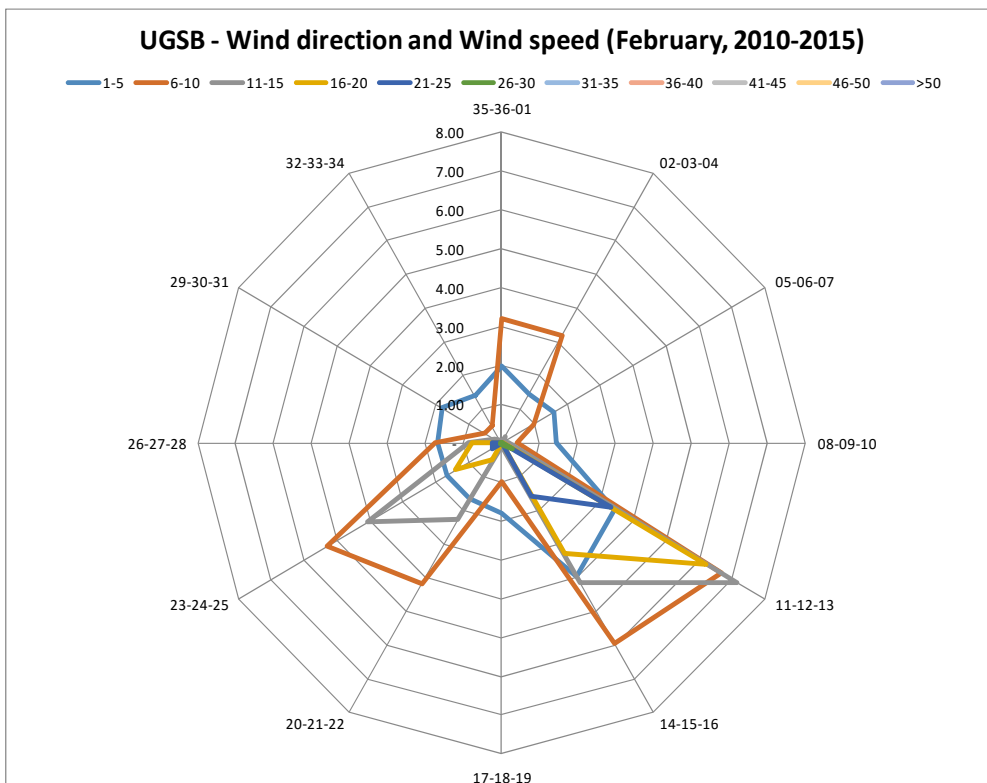
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.69
VARIABLE	3.01	0.20	-	-	-	-	-	-	-	-	-	3.21
35-36-01	1.98	3.20	0.02	-	-	-	-	-	-	-	-	5.19
02-03-04	1.46	3.17	0.19	-	-	-	-	-	-	-	-	4.81
05-06-07	1.60	0.97	0.08	-	-	-	-	-	-	-	-	2.65
08-09-10	1.44	0.42	0.20	0.03	-	-	-	-	-	-	-	2.10
11-12-13	3.45	6.70	7.17	6.23	3.32	0.31	-	-	-	-	-	27.18
14-15-16	3.97	5.96	4.14	3.29	1.60	0.08	-	-	-	-	-	19.04
17-18-19	1.82	0.99	0.08	-	-	-	-	-	-	-	-	2.89
20-21-22	1.66	4.17	2.27	0.49	0.05	0.02	-	-	-	-	-	8.66
23-24-25	1.66	5.28	4.08	1.40	0.28	0.03	-	-	-	-	-	12.73
26-27-28	1.69	1.74	0.86	0.77	0.25	0.02	-	-	-	-	-	5.33
29-30-31	1.80	0.49	0.20	0.02	0.02	-	-	-	-	-	-	2.52
32-33-34	1.40	0.52	0.06	0.02	-	-	-	-	-	-	-	1.99
TOTAL	26.94	33.81	19.35	12.23	5.52	0.45	-	-	-	-	-	100



**CALM**  
1.69%

**VARIABLE**  
3.21%

The prevailing wind directions of 110°-160° frequency of occurrence is 46.22%.

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 60.75%).

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 0.45%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

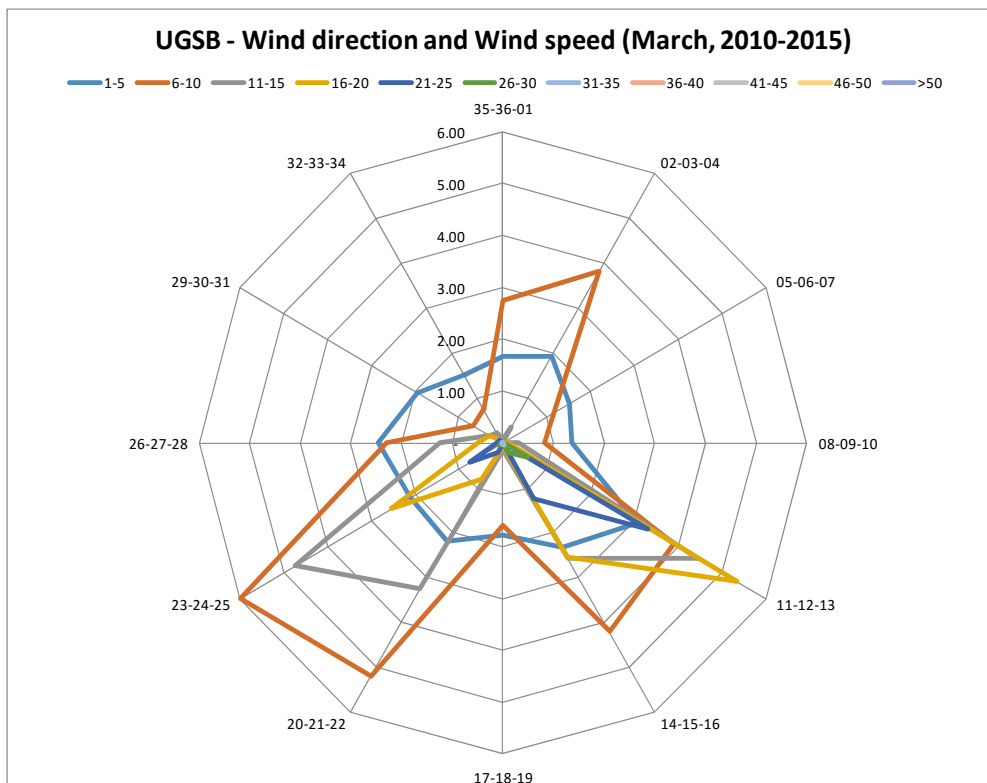
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												3.26
VARIABLE	2.92	0.16	0.01	-	-	-	-	-	-	-	-	3.10
35-36-01	1.66	2.75	0.07	-	-	-	-	-	-	-	-	4.48
02-03-04	1.93	3.82	0.35	-	-	-	-	-	-	-	-	6.09
05-06-07	1.53	1.18	0.01	-	-	-	-	-	-	-	-	2.72
08-09-10	1.35	0.82	0.30	0.09	-	-	-	-	-	-	-	2.56
11-12-13	3.07	3.89	4.44	5.35	3.31	0.58	0.01	-	-	-	-	20.65
14-15-16	2.33	4.21	2.58	2.54	1.24	0.22	0.04	-	-	-	-	13.15
17-18-19	1.77	1.60	0.14	0.06	-	-	-	-	-	-	-	3.57
20-21-22	2.19	5.20	3.26	0.82	0.20	0.03	0.03	-	-	-	-	11.73
23-24-25	2.10	5.99	4.74	2.54	0.75	0.07	0.01	-	-	-	-	16.21
26-27-28	2.46	2.31	1.24	0.49	0.12	0.03	-	-	-	-	-	6.64
29-30-31	1.94	0.68	0.29	0.30	0.09	0.03	-	-	-	-	-	3.33
32-33-34	1.51	0.75	0.22	0.03	-	-	-	-	-	-	-	2.51
<b>TOTAL</b>	<b>26.78</b>	<b>33.35</b>	<b>17.65</b>	<b>12.20</b>	<b>5.71</b>	<b>0.95</b>	<b>0.10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>



**CALM**  
3.26%  
**VARIABLE**  
3.10%

The prevailing wind directions of 110°-160° frequency of occurrence is 33.80% and that of 200°-250° directions is 27.94%.

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 60.13%).

The maximum wind of 31-35 knots is observed within the 110°-130° and 140°-160° sectors (frequency of occurrence 0.05%) and within the 200°-220° and 230°-250° sectors (frequency of occurrence 0.04%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

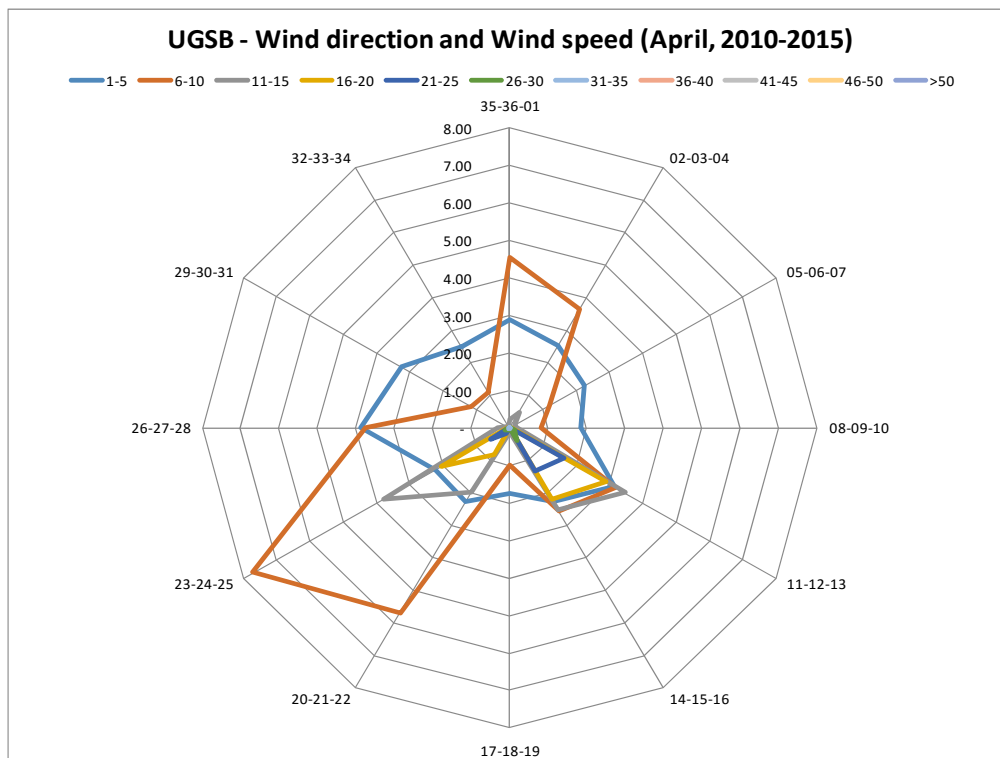
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												2.95
VARIABLE	3.75	0.19	-	-	-	-	-	-	-	-	-	3.94
35-36-01	2.89	4.53	0.23	-	-	-	-	-	-	-	-	7.65
02-03-04	2.54	3.64	0.49	-	-	-	-	-	-	-	-	6.66
05-06-07	2.25	1.20	0.16	-	-	-	-	-	-	-	-	3.61
08-09-10	1.83	0.83	0.19	0.03	0.01	-	-	-	-	-	-	2.89
11-12-13	3.14	3.18	3.45	2.89	1.65	0.14	-	-	-	-	-	14.46
14-15-16	2.26	2.57	2.52	2.21	1.35	0.39	0.01	-	-	-	-	11.31
17-18-19	1.75	1.00	0.11	-	-	-	-	-	-	-	-	2.87
20-21-22	2.28	5.69	1.96	0.82	0.17	0.06	0.03	-	-	-	-	11.01
23-24-25	2.25	7.71	3.80	2.06	0.59	0.13	0.01	-	-	-	-	16.55
26-27-28	3.87	3.75	0.30	0.04	0.01	-	-	-	-	-	-	7.98
29-30-31	3.24	1.15	0.07	-	-	-	-	-	-	-	-	4.46
32-33-34	2.51	1.09	0.06	-	-	-	-	-	-	-	-	3.65
TOTAL	34.57	36.53	13.34	8.05	3.78	0.72	0.06	-	-	-	-	100.00



**CALM**  
2.95%

**VARIABLE**  
3.94%

The prevailing wind directions of 110°-160° frequency of occurrence is 25.77% and that of 200°-250° directions is 27.56%.

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 71.10%).

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 0.03%) 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

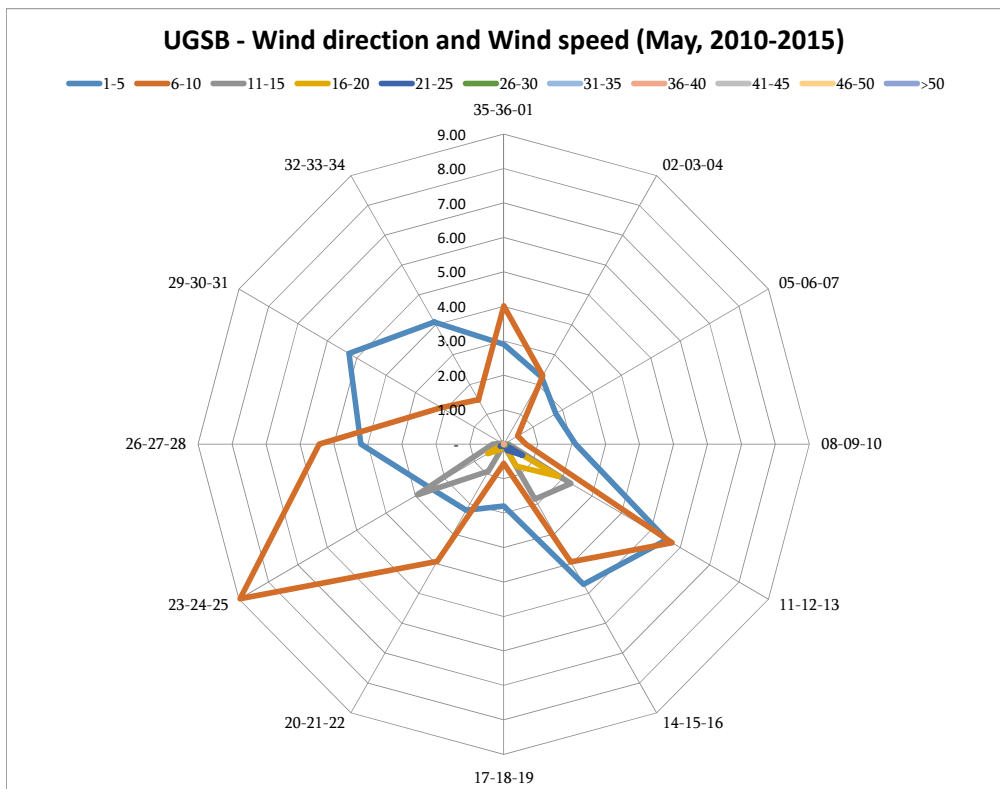
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												4.11
VARIABLE	3.72	0.11	0.01	-	-	-	-	-	-	-	-	3.84
35-36-01	2.90	4.01	0.01	-	-	-	-	-	-	-	-	6.92
02-03-04	2.24	2.30	-	-	-	-	-	-	-	-	-	4.54
05-06-07	1.77	0.47	-	-	-	-	-	-	-	-	-	2.24
08-09-10	2.12	0.65	0.14	-	-	-	-	-	-	-	-	2.91
11-12-13	5.54	5.72	2.28	1.87	0.64	0.07	0.01	0.01	-	-	-	16.15
14-15-16	4.69	3.94	1.84	0.74	0.21	0.03	0.01	-	-	-	-	11.46
17-18-19	1.80	0.56	0.03	-	-	-	-	-	-	-	-	2.38
20-21-22	2.21	3.93	0.91	0.18	0.06	0.01	-	-	-	-	-	7.30
23-24-25	2.52	8.97	2.94	0.54	0.13	0.01	-	-	-	-	-	15.11
26-27-28	4.21	5.43	0.32	0.01	-	-	-	-	-	-	-	9.97
29-30-31	5.26	2.12	0.06	0.03	-	-	-	-	-	-	-	7.46
32-33-34	4.09	1.49	0.01	-	-	-	-	-	-	-	-	5.60
TOTAL	43.07	39.70	8.55	3.37	1.03	0.13	0.03	0.01	-	-	-	100.00



**CALM**  
4.11%

**VARIABLE**  
3.84%

The prevailing wind directions of 110°-160° frequency of occurrence is 27.61% and that of 230°-280° directions is 25.08%.

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 82.77%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

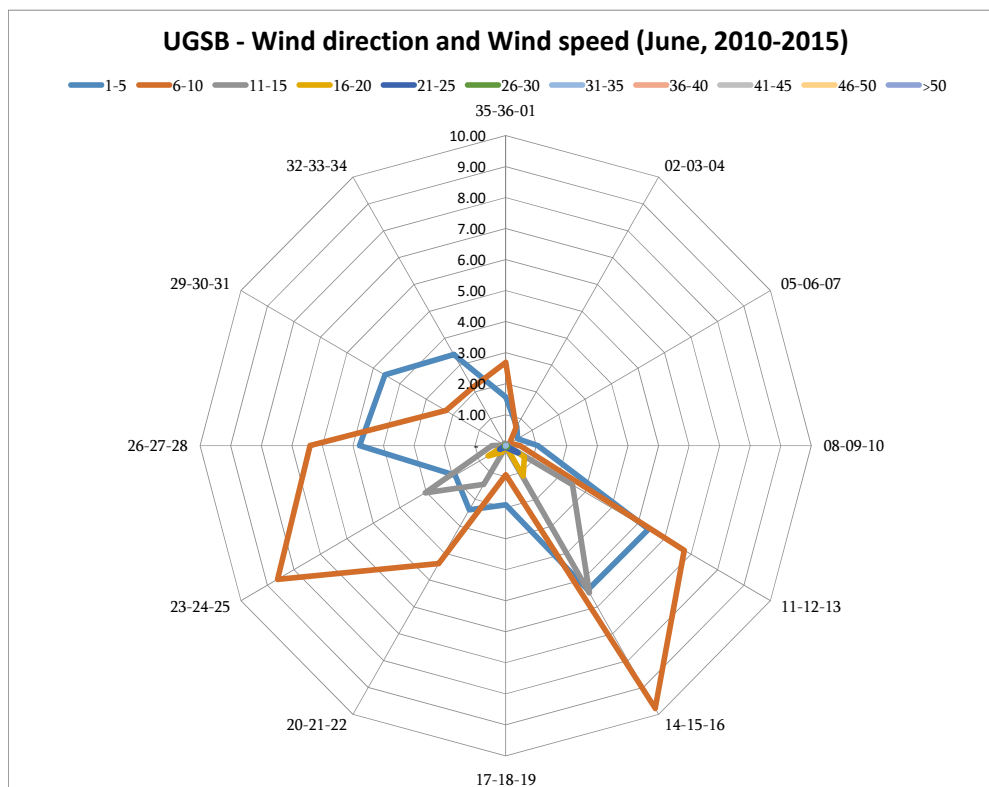
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												2.06
VARIABLE	2.03	0.08	-	-	-	-	-	-	-	-	-	2.11
35-36-01	1.57	2.68	0.04	-	-	-	-	-	-	-	-	4.29
02-03-04	0.72	0.67	0.07	-	-	-	-	-	-	-	-	1.46
05-06-07	0.45	0.15	0.01	-	-	-	-	-	-	-	-	0.61
08-09-10	1.05	0.46	0.04	-	-	-	-	-	-	-	-	1.55
11-12-13	5.39	6.74	2.52	0.71	0.46	0.07	-	-	-	-	-	15.89
14-15-16	5.37	9.78	5.48	1.13	0.10	-	-	-	-	-	-	21.85
17-18-19	1.91	0.94	0.05	-	-	-	-	-	-	-	-	2.90
20-21-22	2.38	4.39	1.44	0.25	0.07	0.04	0.01	-	-	-	-	8.58
23-24-25	1.91	8.62	3.04	0.67	0.23	0.04	-	-	-	-	-	14.51
26-27-28	4.78	6.40	0.45	0.03	0.01	-	-	-	-	-	-	11.67
29-30-31	4.56	2.26	0.03	-	0.01	0.01	-	-	-	-	-	6.88
32-33-34	3.39	2.17	0.08	-	-	-	-	-	-	-	-	5.64
TOTAL	35.51	45.34	13.25	2.78	0.89	0.16	0.01	-	-	-	-	100.00



**CALM**  
2.06%

**VARIABLE**  
2.11%

The prevailing wind directions of 110°-160° frequency of occurrence is 37.74%.

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 80.85%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

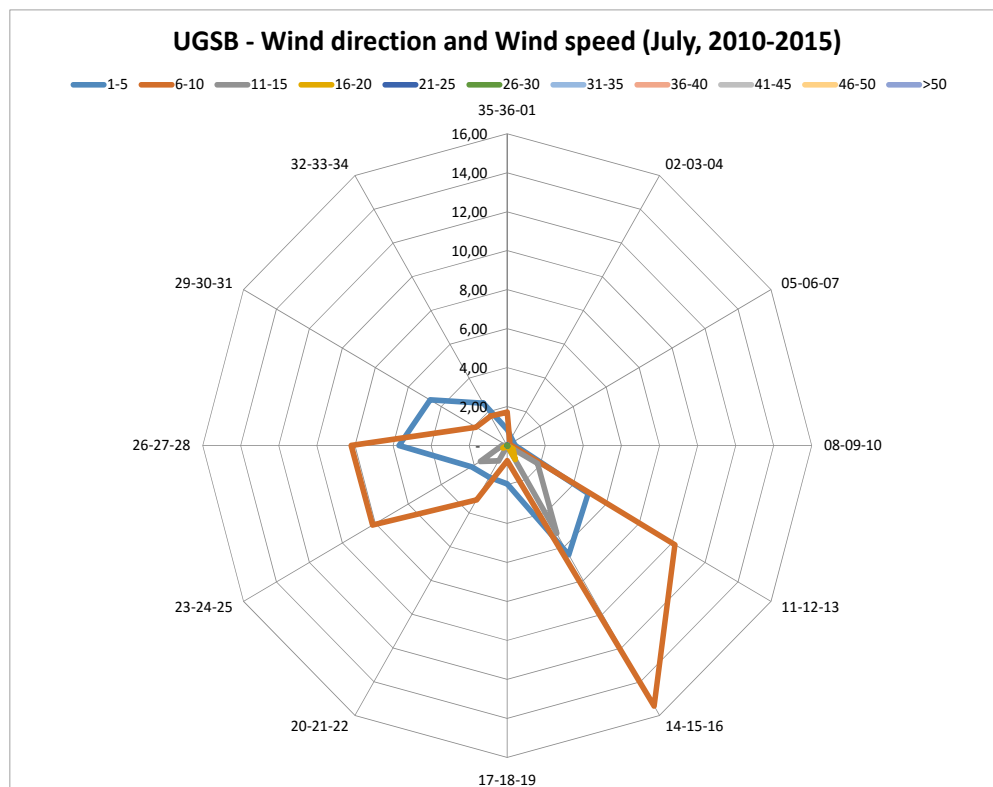
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												2.01
VARIABLE	2.07	0.10	-	-	-	-	-	-	-	-	-	2.17
35-36-01	0.82	1.72	-	-	-	-	-	-	-	-	-	2.54
02-03-04	0.44	0.25	-	-	-	-	-	-	-	-	-	0.69
05-06-07	0.37	0.13	0.04	-	-	-	-	-	-	-	-	0.53
08-09-10	0.42	0.23	-	-	-	-	-	-	-	-	-	0.64
11-12-13	4.91	10.17	1.84	0.35	0.04	-	-	-	-	-	-	17.32
14-15-16	6.46	15.44	5.20	0.83	0.03	0.04	-	-	-	-	-	28.00
17-18-19	1.97	0.78	0.01	-	-	-	-	-	-	-	-	2.76
20-21-22	1.88	3.22	0.91	0.06	-	-	-	-	-	-	-	6.07
23-24-25	2.17	8.17	1.63	0.27	0.01	-	-	-	-	-	-	12.24
26-27-28	5.68	8.19	0.27	0.01	-	-	-	-	-	-	-	14.15
29-30-31	4.68	1.88	0.03	-	-	-	-	-	-	-	-	6.59
32-33-34	2.51	1.74	0.03	-	-	-	-	-	-	-	-	4.28
TOTAL	34.39	52.02	9.95	1.53	0.08	0.04	-	-	-	-	-	100.00



**CALM**  
2.01%

**VARIABLE**  
2.17%

The prevailing wind directions of 110°-160° frequency of occurrence is 45.32%.

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 86.41%).

The maximum wind of 26-30 knots is observed within the 140°-160° sector (frequency of occurrence 0.04%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

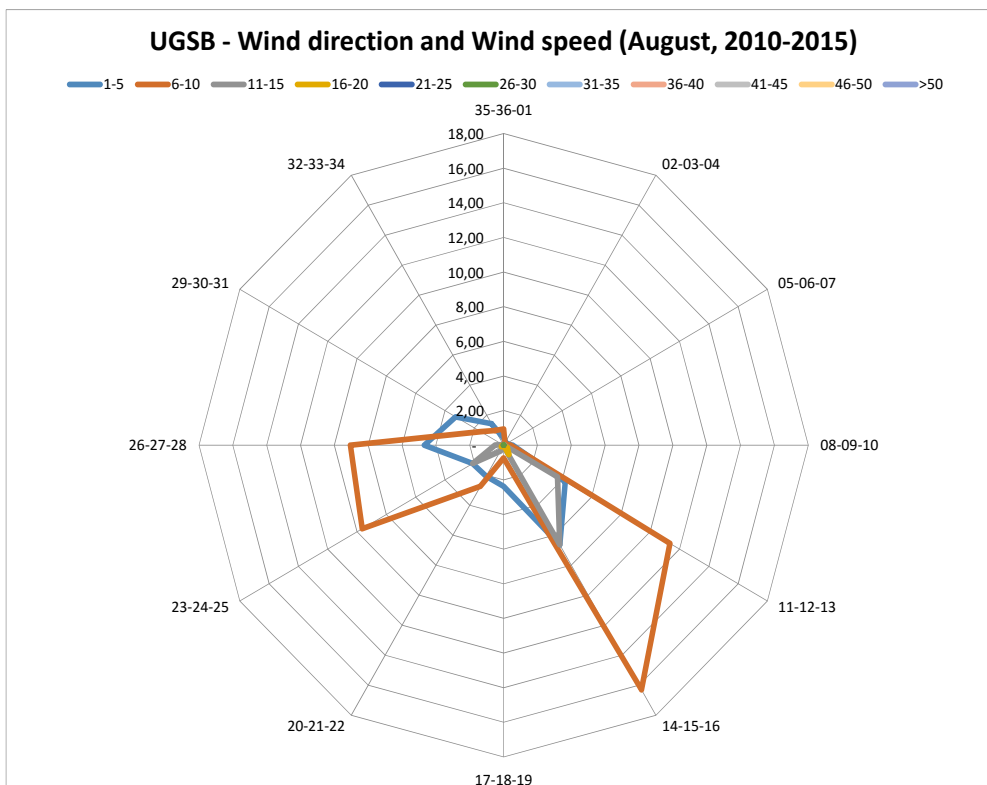
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.31
VARIABLE	1.68	0.05	0.01	-	-	-	-	-	-	-	-	1.74
35-36-01	0.42	0.94	-	-	-	-	-	-	-	-	-	1.36
02-03-04	0.23	0.16	-	-	-	-	-	-	-	-	-	0.40
05-06-07	0.17	0.15	0.05	-	-	-	-	-	-	-	-	0.37
08-09-10	0.53	0.42	0.04	-	-	-	-	-	-	-	-	0.99
11-12-13	4.22	11.35	3.67	0.26	-	-	-	-	-	-	-	19.49
14-15-16	6.65	16.30	6.64	0.63	-	-	-	-	-	-	-	30.22
17-18-19	2.37	0.74	0.05	-	-	-	-	-	-	-	-	3.16
20-21-22	2.06	2.74	0.40	0.01	-	-	-	-	-	-	-	5.22
23-24-25	2.11	9.64	2.10	0.16	-	-	-	-	-	-	-	14.02
26-27-28	4.68	9.05	0.51	0.06	0.01	-	-	-	-	-	-	14.31
29-30-31	3.28	1.57	0.09	0.02	-	0.01	-	-	-	-	-	4.97
32-33-34	1.43	0.98	0.02	-	-	-	-	-	-	-	-	2.44
<b>TOTAL</b>	<b>29.85</b>	<b>54.09</b>	<b>13.57</b>	<b>1.15</b>	<b>0.01</b>	<b>0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.00</b>



**CALM**  
1.31%

**VARIABLE**  
1.74%

The prevailing wind directions of 110°-160° frequency of occurrence is 49.71%.

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 83.94%).

The maximum wind of 26-30 knots is observed within the 290°-310° sector (frequency of occurrence 0.01%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

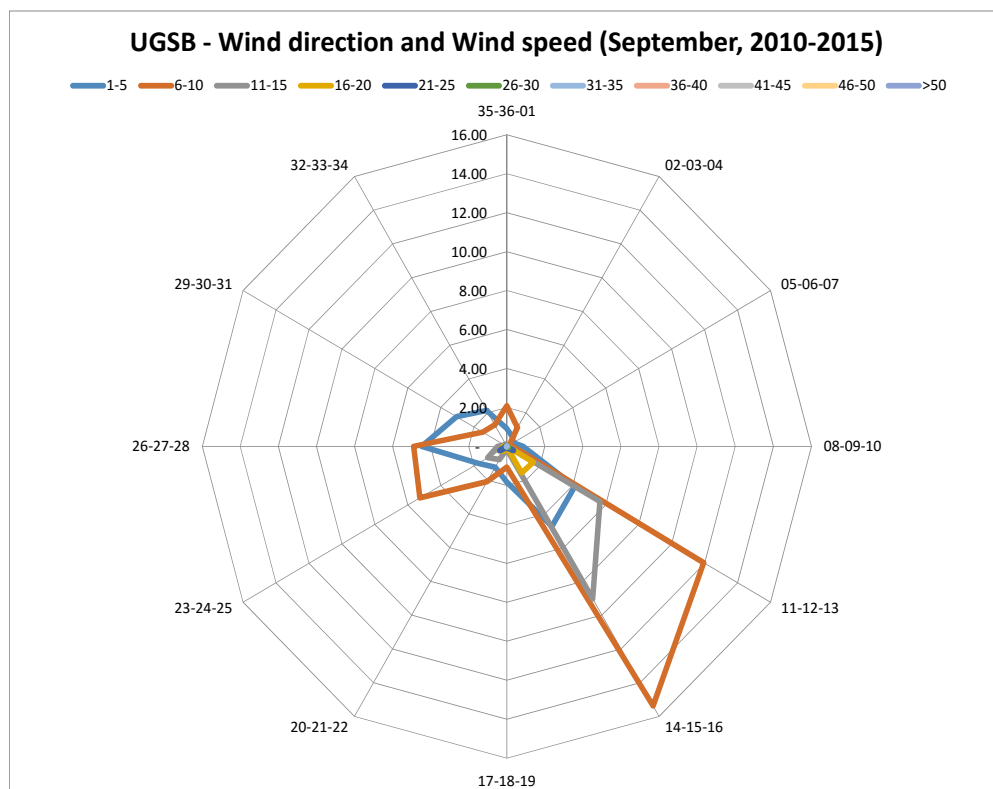
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.76
VARIABLE	1.79	0.12	-	-	-	-	-	-	-	-	-	1.90
35-36-01	0.91	2.09	0.04	-	-	-	-	-	-	-	-	3.04
02-03-04	0.57	1.12	0.07	0.01	-	-	-	-	-	-	-	1.77
05-06-07	0.38	0.16	0.04	-	-	-	-	-	-	-	-	0.57
08-09-10	0.85	0.30	0.04	0.03	-	-	-	-	-	-	-	1.21
11-12-13	4.12	11.95	5.65	1.60	0.40	0.12	-	-	-	-	-	23.84
14-15-16	4.73	15.38	9.03	1.57	0.10	0.01	-	-	-	-	-	30.82
17-18-19	1.83	1.07	0.14	-	-	-	-	-	-	-	-	3.04
20-21-22	1.23	2.09	0.78	0.27	0.09	-	0.03	-	-	-	-	4.49
23-24-25	1.73	5.27	1.16	0.44	0.43	0.04	-	-	-	-	-	9.08
26-27-28	4.46	4.89	0.48	0.18	0.05	-	-	-	-	-	-	10.07
29-30-31	3.05	1.46	0.16	0.04	0.05	0.03	-	-	-	-	-	4.79
32-33-34	2.13	1.28	0.12	0.04	0.04	0.01	-	-	-	-	-	3.61
TOTAL	27.78	47.16	17.70	4.19	1.17	0.21	0.03	-	-	-	-	100.00



**CALM**  
1.76%

**VARIABLE**  
1.90%

The prevailing wind directions of 110°-160° frequency of occurrence is 54.66%.

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 74.94%).

The maximum wind of 31-35 knots is observed within the 200°-220° sector (frequency of occurrence 0.03%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

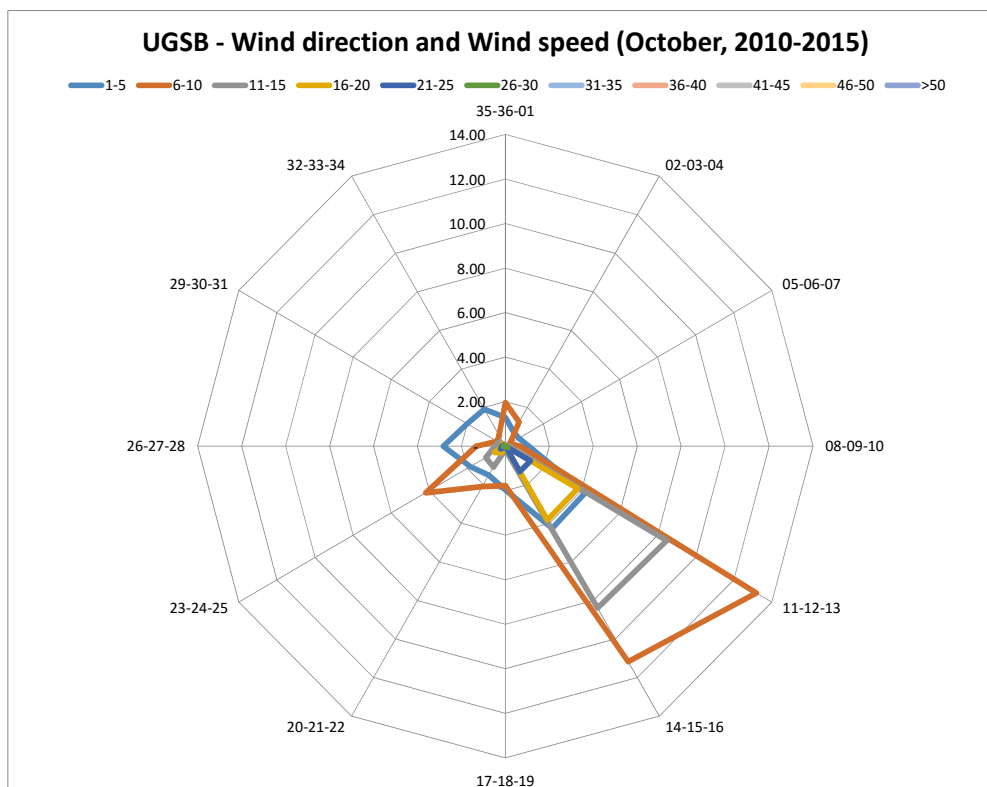
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.94
VARIABLE	2.04	0.16	-	-	-	-	-	-	-	-	-	2.20
35-36-01	1.29	1.96	0.04	-	0.01	-	-	-	-	-	-	3.30
02-03-04	0.75	1.25	0.02	-	-	-	-	-	-	-	-	2.02
05-06-07	0.71	0.25	-	-	-	-	-	-	-	-	-	0.96
08-09-10	1.07	0.67	0.17	0.02	-	-	-	-	-	-	-	1.94
11-12-13	4.20	13.19	8.48	3.80	1.31	0.12	-	-	-	-	-	31.10
14-15-16	4.26	11.18	8.39	3.83	1.31	0.01	-	-	-	-	-	28.98
17-18-19	1.96	1.77	0.16	0.01	-	-	-	-	-	-	-	3.90
20-21-22	1.51	2.10	1.08	0.33	0.05	-	-	-	-	-	-	5.07
23-24-25	1.84	4.18	1.03	0.56	0.25	0.04	-	-	-	-	-	7.90
26-27-28	2.82	1.32	0.49	0.11	0.16	0.10	-	-	-	-	-	5.01
29-30-31	2.01	0.44	0.34	0.18	0.09	0.04	-	-	-	-	-	3.10
32-33-34	1.91	0.56	0.07	0.04	-	-	-	-	-	-	-	2.59
TOTAL	26.36	39.04	20.28	8.89	3.18	0.31	-	-	-	-	-	100.00



**CALM**  
1.94%

**VARIABLE**  
2.20%

The prevailing wind directions of 110°-160° frequency of occurrence is 60.08%.

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 65.40%).

The maximum wind of 26-30 knots is observed within the 110°-130° (frequency of occurrence 0.12%), 140°-160° (frequency of occurrence 0.01%), 230°-250° (frequency of occurrence 0.04%), 260°-280° (frequency of occurrence 0.10%) and within the 290°-310° (frequency of occurrence 0.04%) sectors.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

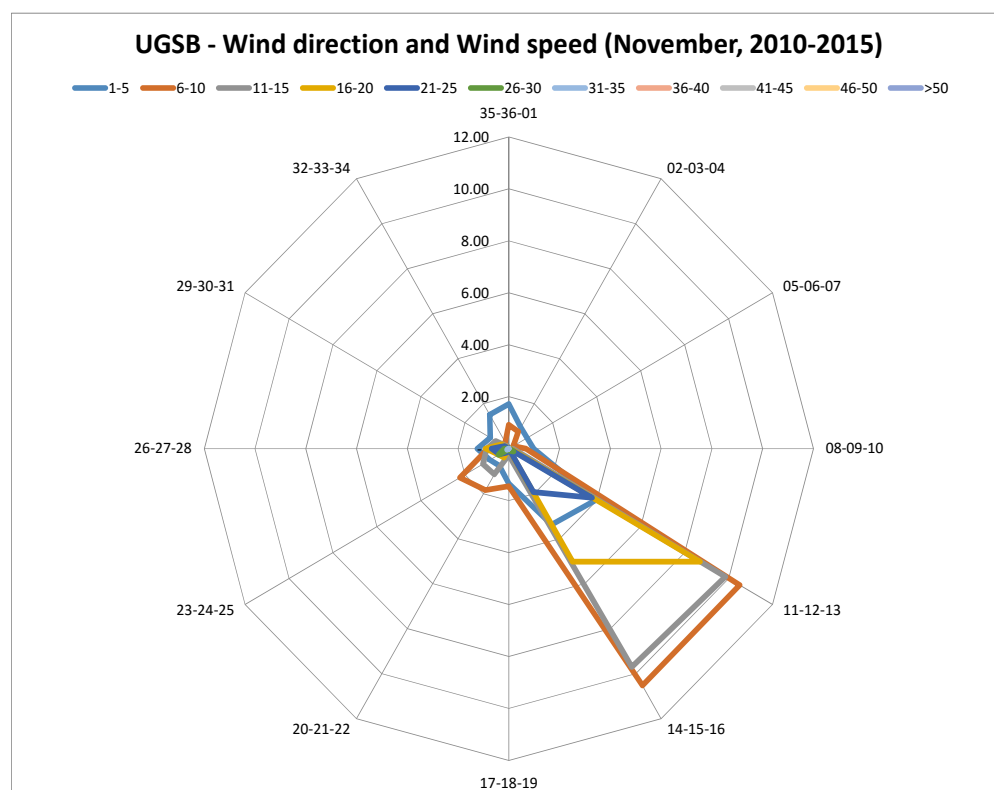
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.24
VARIABLE	1.70	0.20	-	-	-	-	-	-	-	-	-	1.90
35-36-01	1.73	0.92	-	-	-	-	-	-	-	-	-	2.65
02-03-04	0.95	0.75	-	-	-	-	-	-	-	-	-	1.70
05-06-07	0.83	0.20	-	-	-	-	-	-	-	-	-	1.04
08-09-10	0.97	0.66	0.15	0.05	-	-	-	-	-	-	-	1.84
11-12-13	3.95	10.50	9.85	8.70	3.78	0.22	-	-	-	-	-	37.00
14-15-16	3.37	10.53	9.70	5.02	1.93	0.09	-	-	-	-	-	30.64
17-18-19	1.34	1.44	0.24	0.01	-	-	-	-	-	-	-	3.04
20-21-22	0.75	1.84	1.14	0.40	0.18	0.05	-	-	-	-	-	4.36
23-24-25	0.86	2.22	1.18	0.46	0.42	0.47	0.08	-	-	-	-	5.69
26-27-28	1.24	0.82	0.87	0.92	0.68	0.18	0.01	-	-	-	-	4.72
29-30-31	0.84	0.27	0.59	0.33	0.20	-	-	-	-	-	-	2.24
32-33-34	1.51	0.28	0.10	0.04	0.03	-	-	-	-	-	-	1.96
TOTAL	20.04	30.65	23.82	15.93	7.22	1.01	0.09	-	-	-	-	100.00



The prevailing wind directions of 110°-160° frequency of occurrence is 67.64%.

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 50.69%).

The maximum wind of 31-35 knots is observed within the 230°-250° (frequency of occurrence 0.08%) 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

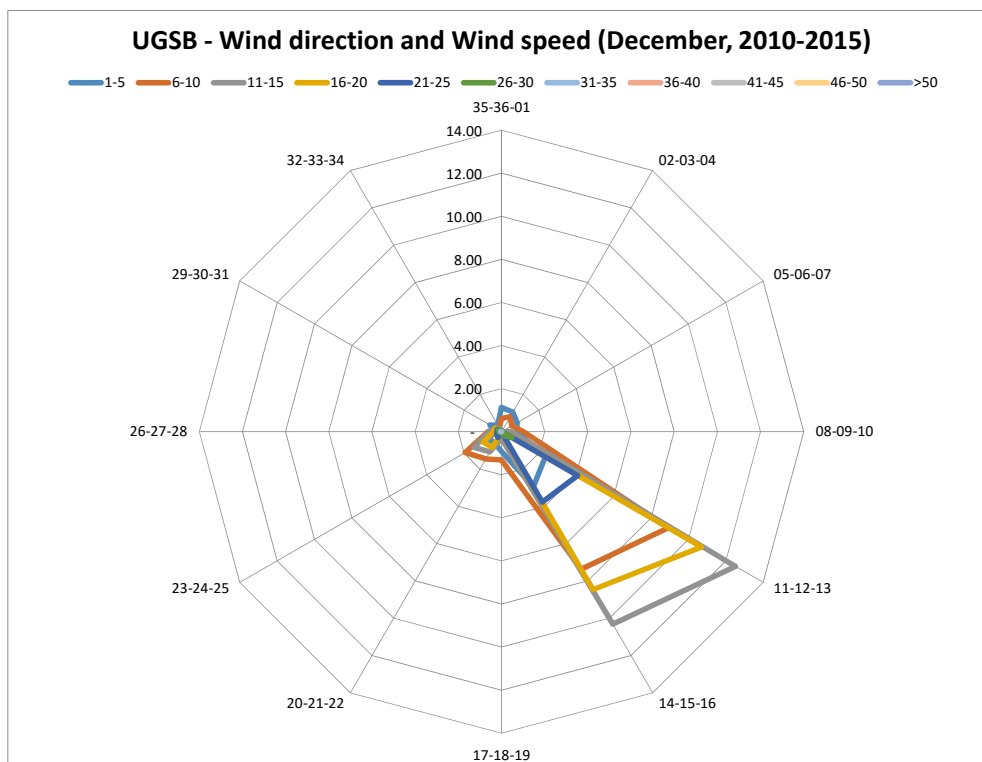
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.54
VARIABLE	1.61	0.19	0.01	-	-	-	-	-	-	-	-	1.80
35-36-01	1.12	0.62	0.01	0.01	-	-	-	-	-	-	-	1.77
02-03-04	1.05	0.80	-	-	-	-	-	-	-	-	-	1.85
05-06-07	0.84	0.54	0.01	-	-	-	-	-	-	-	-	1.40
08-09-10	0.70	1.01	0.44	0.02	0.01	-	-	-	-	-	-	2.20
11-12-13	2.35	8.93	12.51	10.71	4.08	0.56	-	-	-	-	-	39.13
14-15-16	2.95	7.37	10.31	8.47	3.78	0.21	-	-	-	-	-	33.10
17-18-19	0.93	1.31	0.32	0.04	0.01	-	-	-	-	-	-	2.61
20-21-22	0.62	1.46	1.07	0.84	0.32	0.05	-	-	-	-	-	4.36
23-24-25	0.67	1.94	1.47	0.98	0.26	0.07	-	-	-	-	-	5.38
26-27-28	0.32	0.62	0.57	0.36	0.21	0.11	0.04	-	-	-	-	2.22
29-30-31	0.62	0.23	0.32	0.35	0.22	0.16	-	-	-	-	-	1.90
32-33-34	0.35	0.20	0.14	0.02	0.04	-	-	-	-	-	-	0.74
TOTAL	14.12	25.22	27.20	21.80	8.93	1.16	0.04	-	-	-	-	100.00



**CALM**  
1.54%

**VARIABLE**  
1.80%

The prevailing wind directions of 110°-160° frequency of occurrence is 72.23%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze (frequency of occurrence 39.34%) and wind speed of 11-20 knots, which is the Moderate and Fresh breeze (frequency of occurrence 49.00%) according to "Beaufort wind force scale".

The maximum wind of 31-35 knots is observed within the 260°-280° sector (frequency of occurrence 0.04%).





## WIND GUST SPEED AND DIRECTION

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

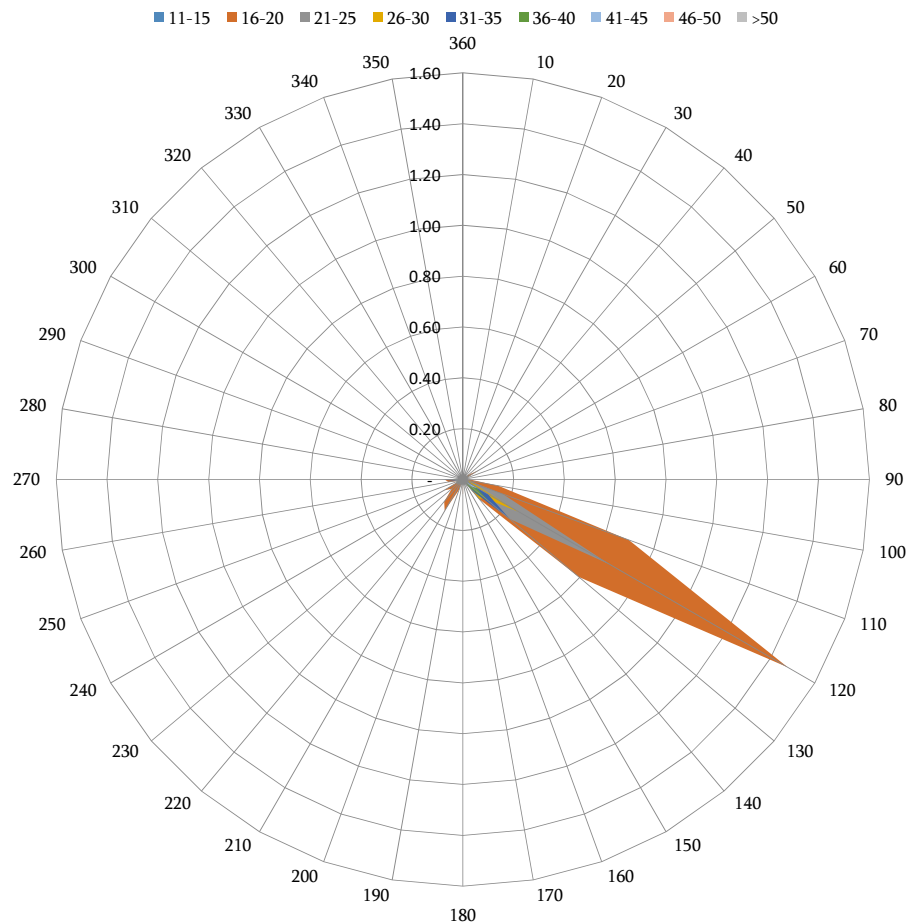
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	0.01	-	-	-	-	-	-	-	0.01
40	-	-	-	-	-	-	-	-	-	-
50	-	0.03	-	-	-	-	-	-	-	0.03
60	-	0.07	0.03	0.03	-	-	-	-	-	0.13
70	-	0.01	0.01	-	-	-	-	-	-	0.03
80	-	-	0.01	-	-	-	-	-	-	0.01
90	-	0.03	-	-	-	-	-	-	-	0.03
100	-	0.14	0.03	0.03	-	-	-	-	-	0.20
110	-	0.70	0.17	0.04	0.01	-	-	-	-	0.92
120	-	1.48	0.67	0.26	0.11	0.06	0.07	-	-	2.64
130	-	0.60	0.24	0.11	0.24	0.14	0.04	-	-	1.38
140	-	0.10	0.04	0.10	0.06	0.04	-	-	-	0.34
150	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	0.06	-	-	-	-	-	-	-	0.06
190	-	-	-	-	-	-	-	-	-	-
200	-	0.04	-	-	-	-	-	-	-	0.04
210	-	0.14	0.01	-	-	-	-	-	-	0.16
220	-	0.11	-	0.01	0.01	0.01	-	-	-	0.16
230	-	0.06	0.03	0.03	0.03	0.01	-	-	-	0.16
240	-	0.09	0.03	0.01	0.01	0.01	-	-	-	0.16
250	-	0.01	0.03	-	-	0.03	-	-	-	0.07
260	-	0.06	-	-	0.03	0.01	0.03	-	-	0.13
270	-	0.07	0.01	-	0.09	0.06	0.03	-	-	0.26
280	-	-	0.01	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	0.01	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	0.01	-	-	-	0.01
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	3.80	1.33	0.62	0.60	0.40	0.18	-	-	6.94

## UGSB Wind direction and Wind Gust speed (January, 2010-2015)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.18%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

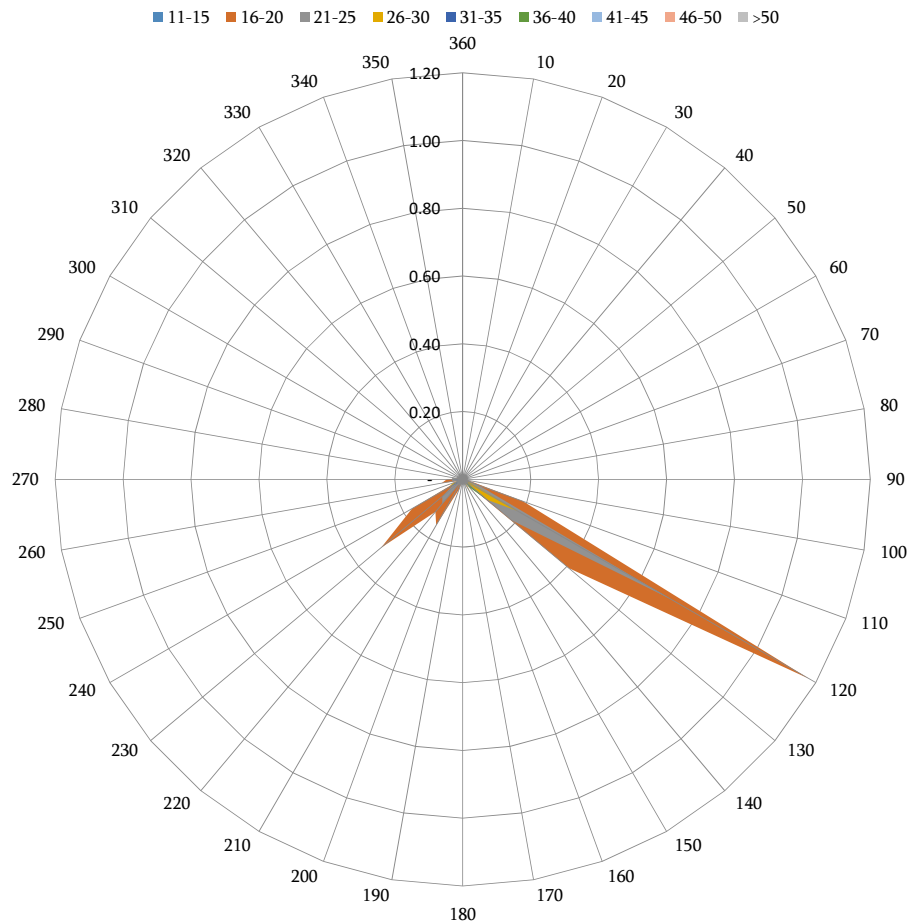
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.02	0.02	-	-	-	-	-	-	0.03
110	-	0.19	0.05	0.02	-	-	-	-	-	0.25
120	-	1.18	0.71	0.19	-	-	-	-	-	2.07
130	0.02	0.41	0.19	0.09	0.14	0.09	-	-	-	0.94
140	-	0.02	-	0.02	0.02	0.03	-	-	-	0.08
150	-	-	-	0.05	-	-	-	-	-	0.05
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	0.02	-	-	-	-	-	-	0.02
190	-	-	0.02	-	-	-	-	-	-	0.02
200	0.02	0.03	-	-	-	-	-	-	-	0.05
210	-	0.16	-	0.02	-	-	-	-	-	0.17
220	-	0.13	0.09	0.02	0.02	-	-	-	-	0.25
230	-	0.31	0.08	-	0.02	-	-	-	-	0.41
240	-	0.17	0.03	0.05	0.05	0.02	-	-	-	0.31
250	-	0.02	0.02	0.03	0.02	-	-	-	-	0.08
260	-	0.06	0.03	-	0.02	-	-	-	-	0.11
270	-	0.05	0.03	-	0.03	-	-	-	-	0.11
280	-	0.02	0.03	-	-	-	-	-	-	0.05
290	-	0.02	-	0.02	-	0.02	-	-	-	0.05
300	-	0.02	-	-	-	-	-	-	-	0.02
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.03	2.78	1.30	0.49	0.30	0.16	-	-	-	5.05

## UGSB Wind direction and Wind Gust speed (February, 2010-2015)



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 – 0.16%).

The directions of maximum wind gusts are 130°, 140°, 240° and 290°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

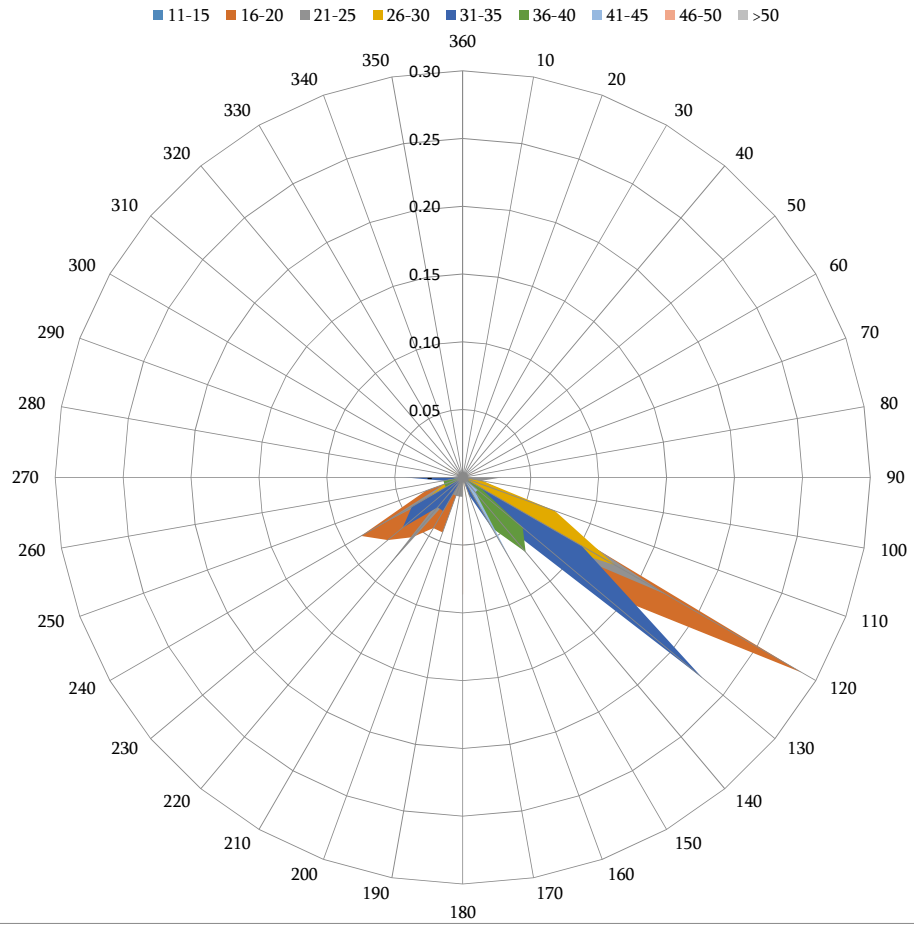
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	0.01	-	-	-	-	-	-	-	0.01
80	-	-	-	-	-	-	-	-	-	-
90	-	-	0.03	-	-	-	-	-	-	0.03
100	-	-	0.01	0.01	-	-	-	-	-	0.03
110	-	0.03	0.04	0.07	-	-	-	-	-	0.14
120	0.01	0.29	0.17	0.13	0.10	0.01	-	-	-	0.72
130	0.01	0.13	0.07	0.07	0.23	0.06	0.01	-	-	0.59
140	-	-	-	0.06	0.04	0.07	0.01	-	-	0.19
150	-	0.01	-	-	0.04	0.04	0.07	-	-	0.17
160	-	0.01	0.01	-	0.01	-	-	-	-	0.04
170	-	-	-	0.01	-	-	-	-	-	0.01
180	-	0.09	0.01	-	-	-	-	-	-	0.10
190	-	-	0.01	-	-	-	-	-	-	0.01
200	-	0.04	0.01	-	-	-	-	-	-	0.06
210	-	0.04	0.01	-	0.03	-	-	-	-	0.09
220	-	0.06	0.09	0.01	0.03	-	0.01	0.01	-	0.22
230	-	0.07	0.01	0.06	0.06	-	-	-	-	0.20
240	-	0.09	0.07	0.03	0.04	0.01	-	-	-	0.24
250	-	0.03	0.01	0.01	-	0.01	0.03	-	-	0.10
260	-	-	0.01	-	0.01	0.01	-	-	-	0.04
270	-	-	-	-	0.04	-	-	-	-	0.04
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	0.01	-	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>0.03</b>	<b>0.91</b>	<b>0.61</b>	<b>0.49</b>	<b>0.65</b>	<b>0.23</b>	<b>0.14</b>	<b>0.01</b>	<b>-</b>	<b>3.07</b>

### UGSB Wind direction and Wind Gust speed (March, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.15%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

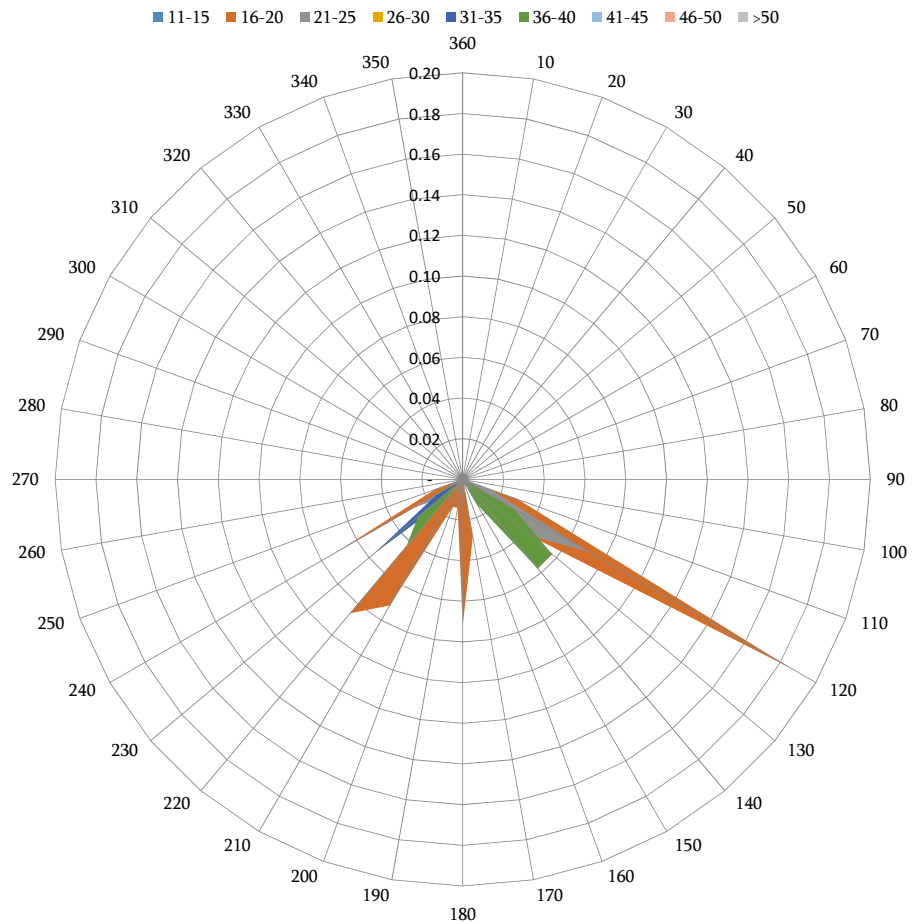
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
110	-	0.03	0.01	-	-	-	-	-	-	0.04
120	-	0.19	0.07	0.03	0.01	0.03	-	-	-	0.33
130	-	0.04	0.04	0.03	0.06	0.06	-	-	-	0.23
140	-	-	-	0.01	0.04	0.06	-	-	-	0.11
150	-	-	0.01	0.01	-	0.01	-	-	-	0.04
160	-	-	-	-	-	-	-	-	-	-
170	-	0.03	0.01	-	-	-	-	-	-	0.04
180	-	0.07	-	-	-	-	-	-	-	0.07
190	-	0.01	-	-	-	-	-	-	-	0.01
200	-	0.01	-	-	-	-	-	-	-	0.01
210	-	0.07	-	0.01	-	-	-	-	-	0.09
220	-	0.09	0.01	-	0.01	0.04	0.01	-	-	0.17
230	-	-	0.01	0.04	0.06	0.03	-	-	-	0.14
240	-	0.07	0.03	-	0.01	-	0.01	-	-	0.13
250	0.01	0.01	-	-	-	-	-	-	-	0.03
260	-	-	-	-	-	-	-	-	-	-
270	-	0.04	-	0.01	-	-	-	-	-	0.06
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.67	0.21	0.16	0.20	0.23	0.03	-	-	1.52

### UGSB Wind direction and Wind Gust speed (April, 2010-2015)



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° and 240°.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

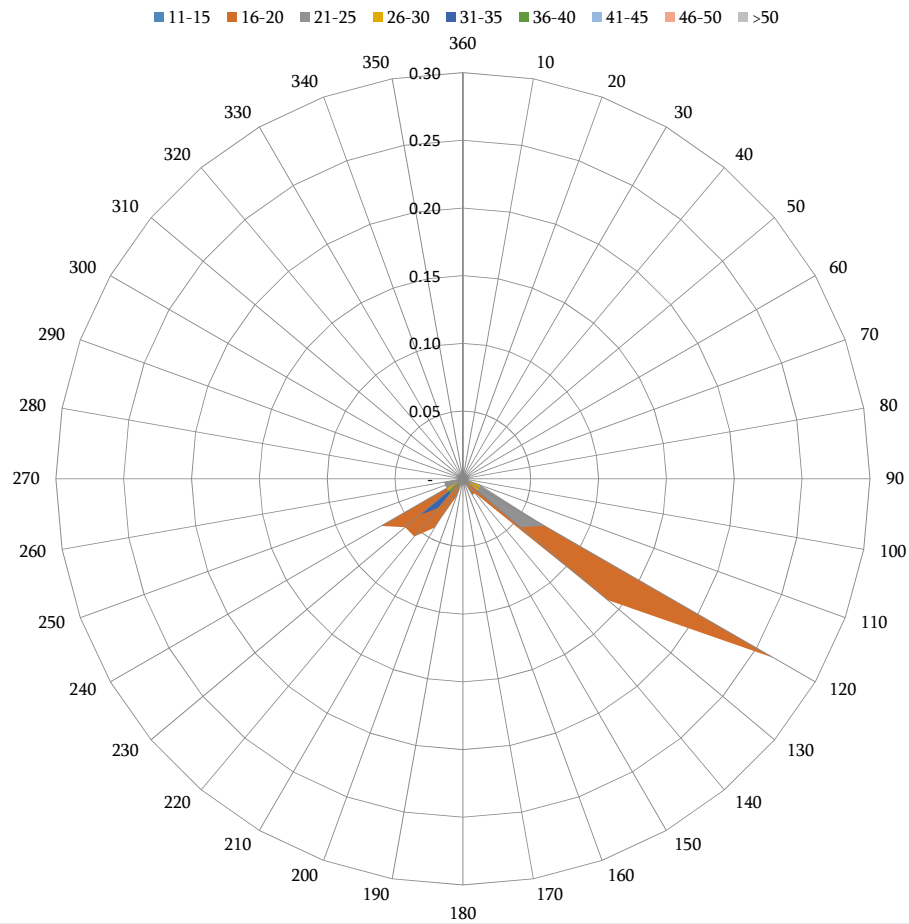
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	0.01	-	-	-	-	-	-	0.01
100	-	-	-	-	-	-	-	-	-	-
110	-	-	0.01	0.01	-	-	-	-	-	0.03
120	-	0.26	0.07	0.01	-	0.01	0.01	0.01	-	0.39
130	-	0.14	0.06	0.01	0.03	-	-	-	-	0.24
140	-	0.01	-	-	-	-	0.01	0.01	-	0.04
150	-	0.01	0.03	-	-	-	-	-	-	0.04
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-
200	-	0.01	-	-	-	-	-	-	-	0.01
210	-	0.04	-	-	-	-	-	-	-	0.04
220	-	0.06	0.03	0.03	0.03	0.01	-	-	-	0.15
230	-	0.06	-	0.01	0.04	0.01	-	-	-	0.13
240	-	0.07	0.01	0.01	-	-	-	-	-	0.10
250	-	-	0.01	-	-	-	-	-	-	0.01
260	-	0.03	0.01	-	-	-	-	-	-	0.04
270	-	-	-	-	-	-	-	-	-	-
280	-	0.01	-	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-
300	-	-	0.01	-	0.01	-	-	-	-	0.03
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.72	0.26	0.10	0.11	0.04	0.03	0.03	-	1.30

## UGSB Wind direction and Wind Gust speed (May, 2010-2015)



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 – 0.03%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

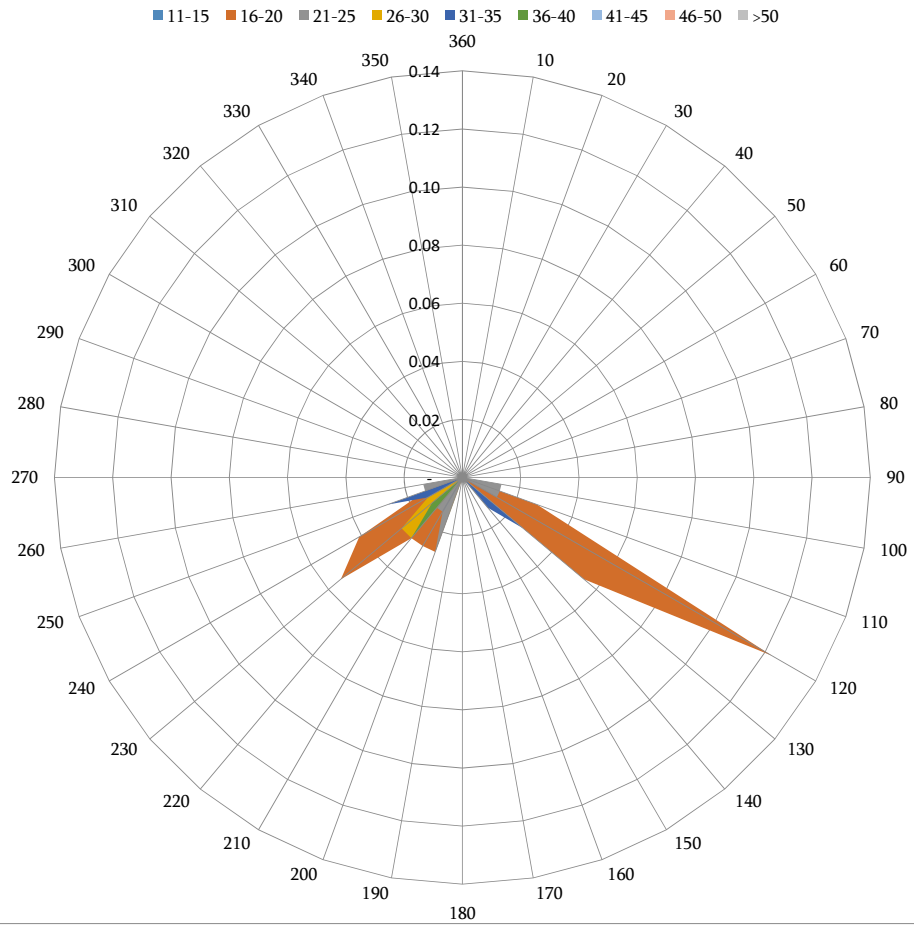
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	-	0.01	-	-	-	-	-	-	0.01
110	-	0.03	0.01	-	-	-	-	-	-	0.04
120	0.01	0.12	0.01	-	-	-	-	-	-	0.15
130	-	0.05	-	0.01	0.03	-	-	-	-	0.10
140	-	-	0.01	-	0.01	-	-	-	-	0.03
150	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	0.03	0.03	0.01	-	-	-	-	-	0.07
210	-	0.03	0.01	-	0.01	-	-	-	-	0.05
220	-	0.03	0.01	0.03	-	0.03	-	-	-	0.10
230	-	0.05	0.01	0.03	-	0.01	-	-	-	0.11
240	-	0.04	-	0.01	0.01	-	-	-	-	0.07
250	-	0.01	0.01	-	0.03	-	-	-	-	0.05
260	-	-	0.01	-	-	-	-	-	-	0.01
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.39	0.15	0.10	0.10	0.04	-	-	-	0.79

### UGSB Wind direction and Wind Gust speed (June, 2010-2015)



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 220° and 230°.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

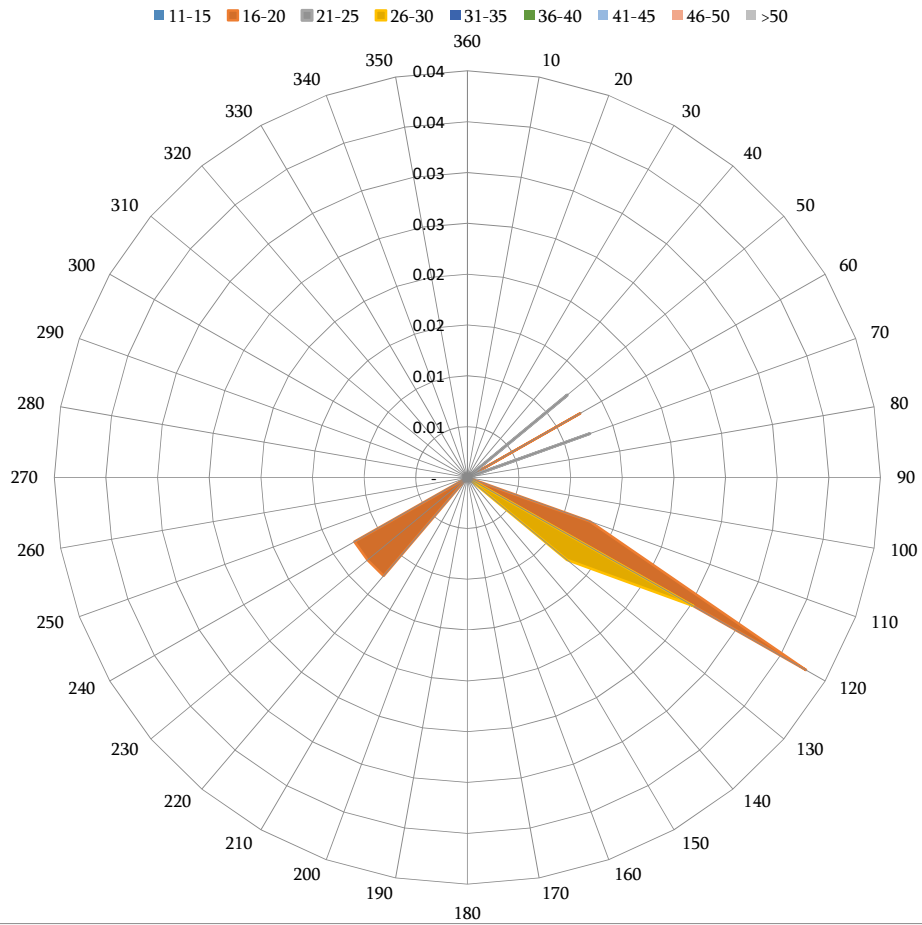
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>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	-	0.04	-	0.03	-	-	-	-	-	0.06
130	-	-	-	0.01	-	-	-	-	-	0.01
140	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-
220	-	0.01	-	-	-	-	-	-	-	0.01
230	-	0.01	-	-	-	-	-	-	-	0.01
240	-	0.01	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.10	0.03	0.04	-	-	-	-	-	0.16

### UGSB Wind direction and Wind Gust speed (July, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (26-30 knots) corresponds to the strong breeze and the Near gale according to “Beaufort wind force scale” (frequency of occurrence – 0.04%).

The directions of maximum wind gusts are 120° and 130°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

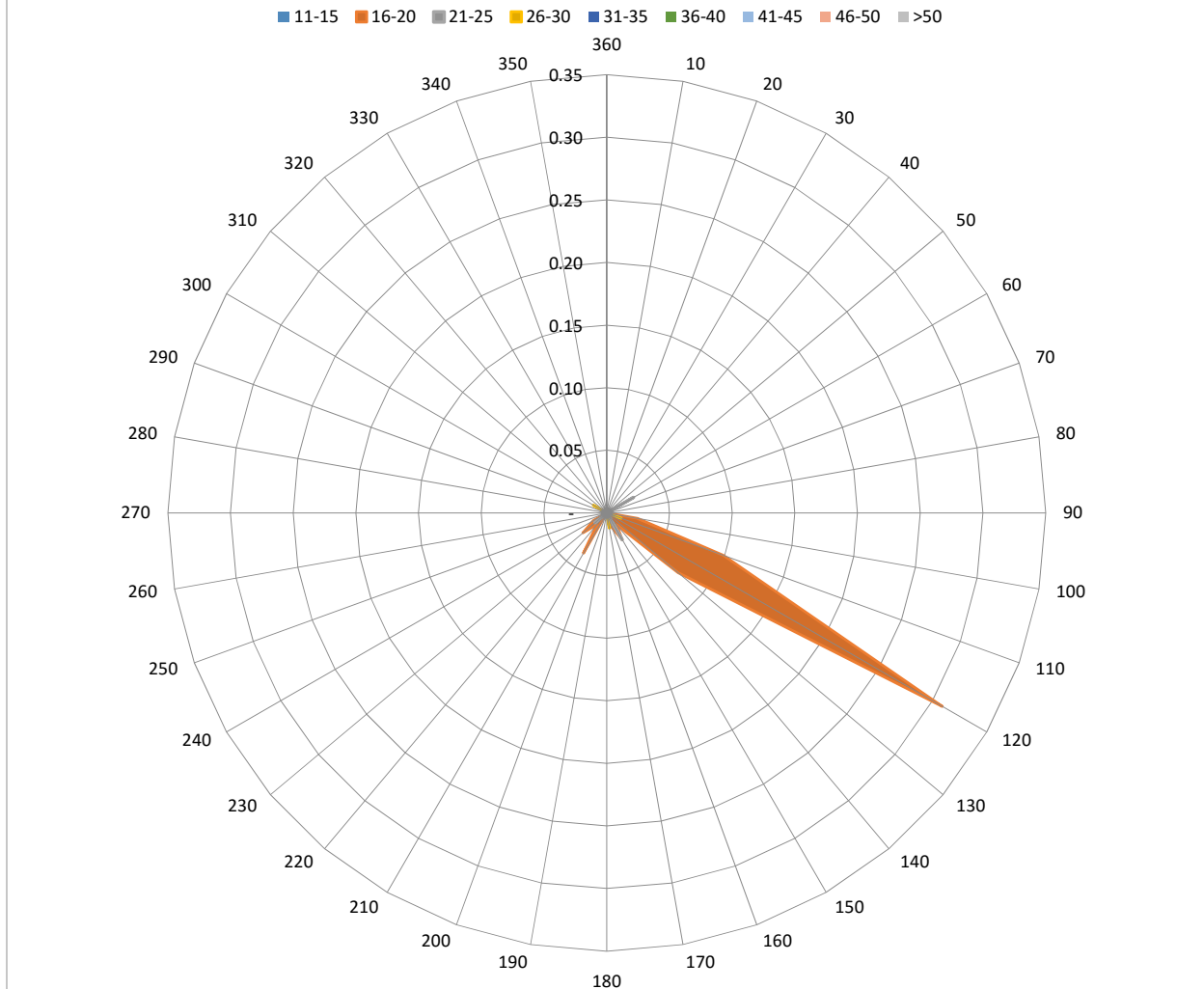
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	0.02	-	-	-	-	-	-	0.02
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.02	-	-	-	-	-	-	-	0.02
110	-	0.10	-	0.01	-	-	-	-	-	0.11
120	-	0.31	-	-	-	-	-	-	-	0.31
130	-	0.07	-	-	-	-	-	-	-	0.07
140	-	0.01	-	-	-	-	-	-	-	0.01
150	-	0.02	0.02	-	-	-	-	-	-	0.05
160	-	0.01	-	-	-	-	-	-	-	0.01
170	-	-	-	0.01	-	-	-	-	-	0.01
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
210	-	0.04	-	-	-	-	-	-	-	0.04
220	-	0.01	-	-	-	-	-	-	-	0.01
230	-	0.02	0.01	-	-	-	-	-	-	0.04
240	-	0.01	-	-	-	-	-	-	-	0.01
250	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	-	-	-	-	-	-
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	0.01	-	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.64	0.06	0.04	-	-	-	-	-	0.74

## UGSB Wind direction and Wind Gust speed (August, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) – not observed.

The maximum wind speed (26-30 knots) corresponds to the strong breeze and the Near gale according to “Beaufort wind force scale” (frequency of occurrence – 0.04%).

The directions of maximum wind gusts are 110°, 170° and 300°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7920

OBSERVATION INTERVAL: 30 MIN.

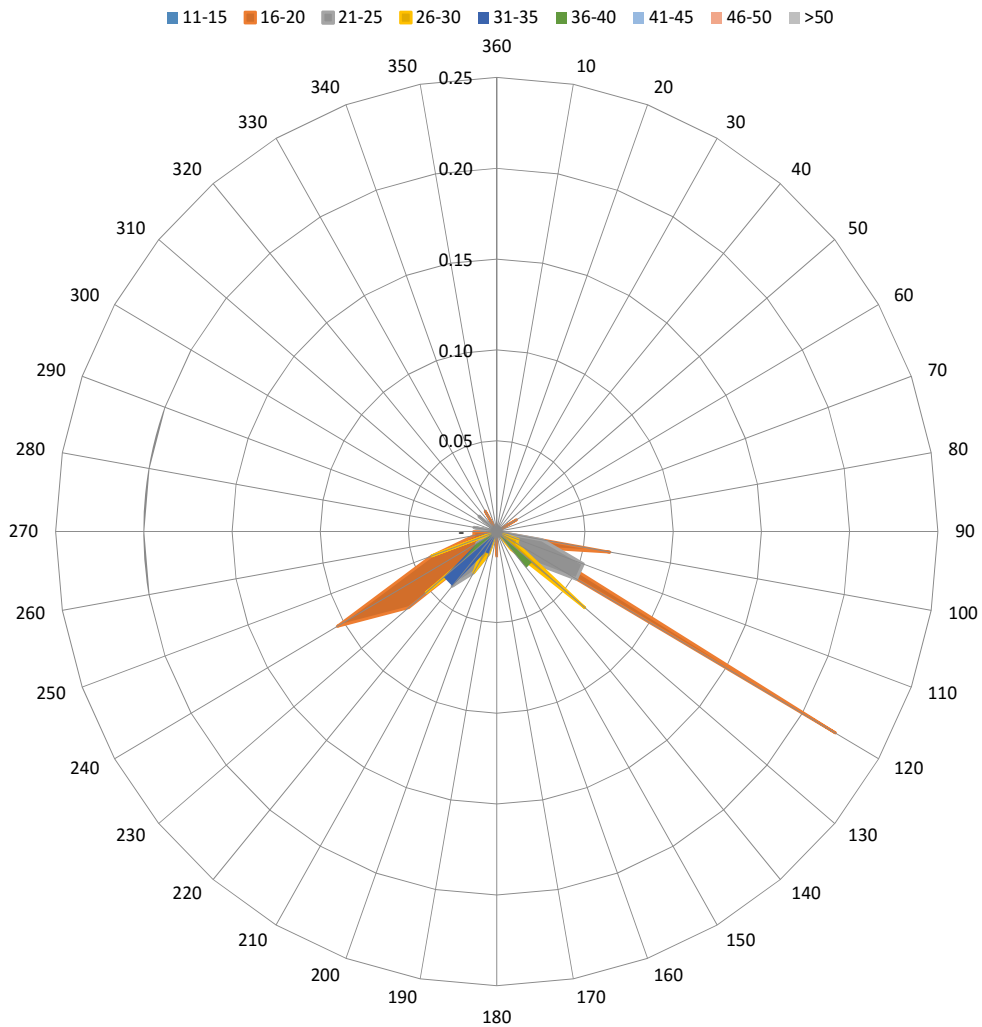
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	0.01	-	-	-	-	-	-	-	0.01
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.07	0.03	-	-	-	-	-	-	0.09
110	-	0.03	0.05	0.01	-	-	-	-	-	0.09
120	-	0.22	0.05	0.01	-	-	-	-	-	0.29
130	-	-	0.03	0.07	0.01	0.03	-	-	-	0.13
140	-	-	-	0.01	0.01	0.03	-	-	-	0.05
150	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-
200	-	-	0.01	0.01	0.01	-	-	-	-	0.04
210	-	-	0.03	0.03	0.01	-	-	-	-	0.07
220	-	0.01	0.04	0.01	0.04	-	0.01	-	-	0.12
230	-	0.07	-	0.05	0.04	0.03	-	-	-	0.18
240	-	0.10	0.01	-	0.01	0.01	-	-	-	0.14
250	-	0.04	-	0.04	-	-	-	-	-	0.08
260	-	0.01	-	-	-	-	-	-	-	0.01
270	-	0.01	-	-	-	0.01	-	-	-	0.03
280	-	-	0.01	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-
310	-	-	0.01	-	-	-	-	-	-	0.01
320	-	-	-	-	-	-	-	-	-	-
330	-	0.01	-	-	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	-	<b>0.60</b>	<b>0.27</b>	<b>0.25</b>	<b>0.14</b>	<b>0.10</b>	<b>0.01</b>	-	-	<b>1.38</b>

## UGSB Wind direction and Wind Gust speed (September, 2010-2015)



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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

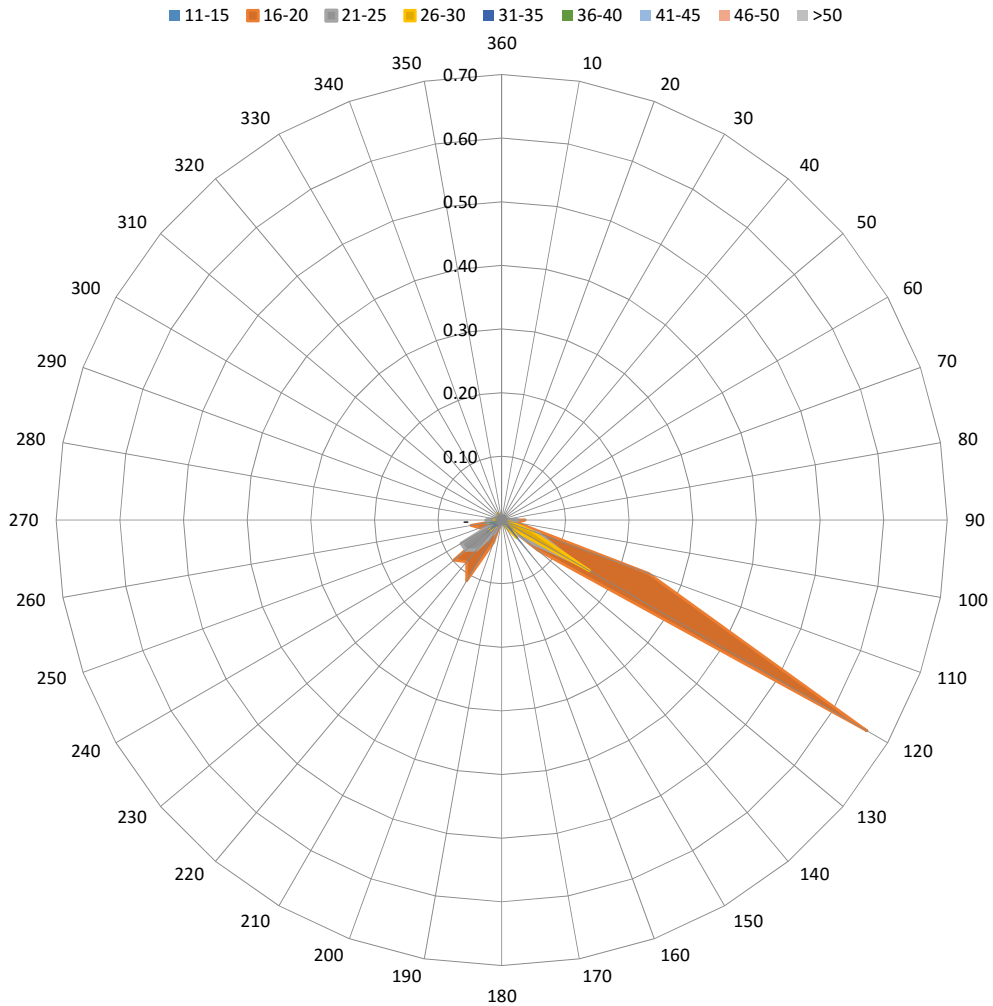
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	0.04	0.02	-	-	-	-	-	-	0.06
100	-	0.02	-	0.01	-	-	-	-	-	0.04
110	-	0.25	0.06	0.05	-	-	-	-	-	0.36
120	0.01	0.66	0.13	0.16	-	-	-	-	-	0.97
130	-	0.07	0.05	0.02	0.01	0.02	-	-	-	0.18
140	-	0.01	0.01	0.04	0.10	-	-	-	-	0.16
150	-	-	-	0.01	-	-	-	-	-	0.01
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	0.04	-	-	-	-	-	-	-	0.04
210	-	0.11	0.02	-	0.01	-	-	-	-	0.15
220	-	0.09	0.06	0.01	0.01	-	-	-	-	0.17
230	-	0.10	0.07	0.02	0.04	-	-	-	-	0.23
240	-	0.01	0.07	-	0.01	-	-	-	-	0.10
250	-	0.04	0.01	-	0.02	0.01	-	-	-	0.09
260	-	0.05	0.02	-	0.01	0.04	-	-	-	0.12
270	-	-	0.02	0.01	-	-	-	-	-	0.04
280	-	0.01	0.01	-	-	-	-	-	-	0.02
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	0.01	0.01	-	-	-	0.02
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	0.01	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	0.01	-	-	-	0.01
TOTAL	0.01	1.50	0.59	0.36	0.23	0.10	-	-	-	2.78

## UGSB Wind direction and Wind Gust speed (October, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – not observed.

The maximum wind speed (36-40 knots) corresponds to the Gale according to “Beaufort wind force scale” (frequency of occurrence – 0.10%).

The directions of maximum wind gusts are 130°, 250°, 260°, 300° and 350°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7920

OBSERVATION INTERVAL: 30 MIN.

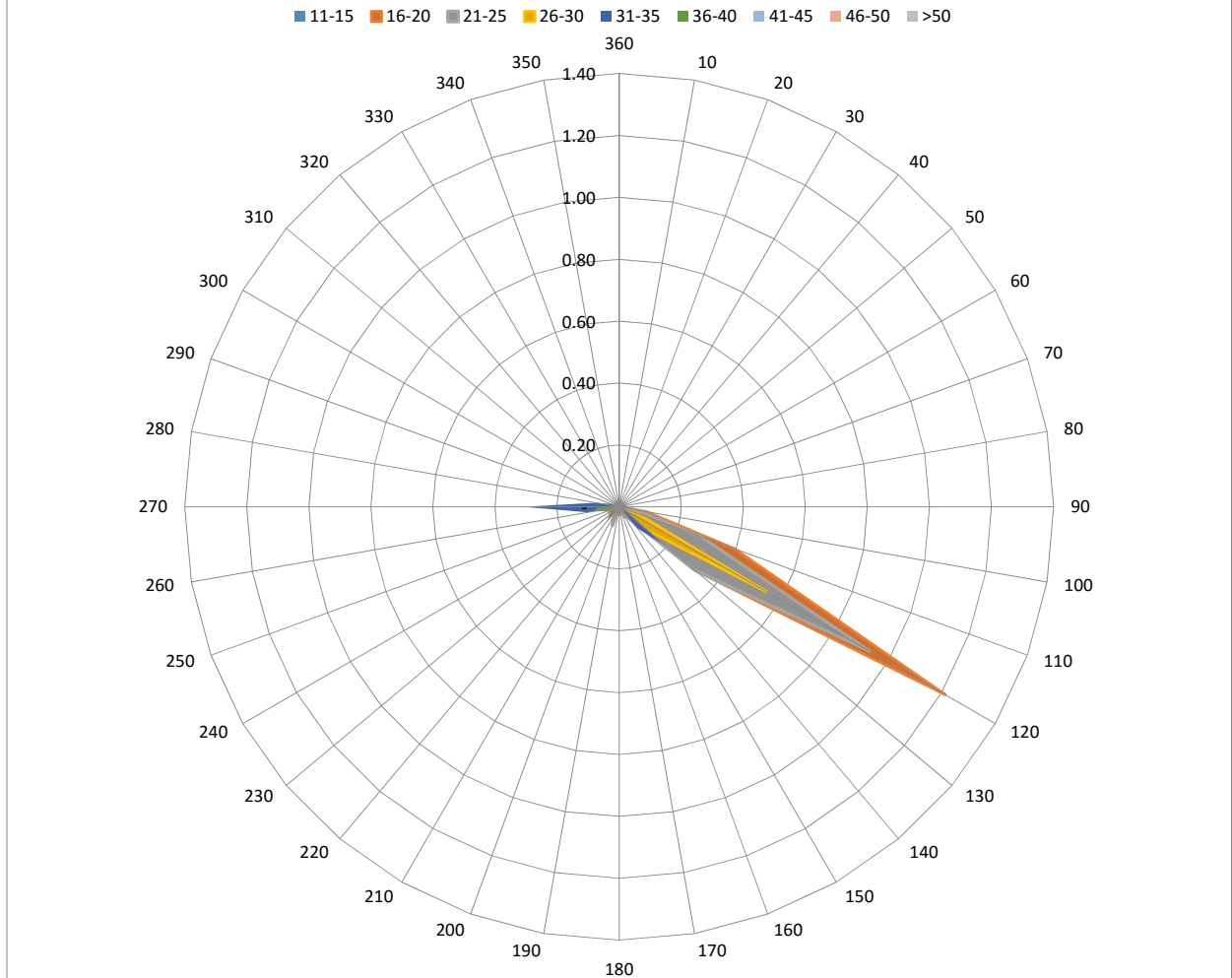
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
100	-	0.09	0.05	-	-	-	-	-	-	0.14
110	0.01	0.40	0.28	0.06	-	-	-	-	-	0.75
120	0.01	1.21	0.93	0.55	0.03	-	-	-	-	2.73
130	-	0.32	0.32	0.12	0.19	0.01	-	-	-	0.96
140	-	0.03	0.05	0.01	0.09	-	-	-	-	0.18
150	-	0.04	0.03	0.01	-	-	-	-	-	0.08
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	0.03	-	-	-	-	-	-	-	0.03
190	-	0.01	-	-	-	-	-	-	-	0.01
200	-	-	0.06	-	-	-	-	-	-	0.06
210	-	0.01	0.04	-	-	0.01	-	-	-	0.06
220	-	-	-	0.04	0.06	0.01	-	-	-	0.12
230	-	0.03	0.01	0.04	0.04	0.15	0.03	-	-	0.29
240	-	0.04	0.03	-	0.03	-	-	-	-	0.09
250	-	0.01	0.01	-	-	0.04	-	-	-	0.06
260	-	-	0.01	0.05	0.10	0.09	0.01	-	-	0.27
270	-	-	0.01	0.18	0.31	0.06	-	-	-	0.56
280	-	-	0.01	0.04	0.08	0.01	-	-	-	0.14
290	-	-	-	-	0.03	0.01	-	-	-	0.04
300	-	-	-	-	-	-	-	-	-	-
310	-	-	-	0.01	-	-	-	-	-	0.01
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>0.03</b>	<b>2.21</b>	<b>1.85</b>	<b>1.11</b>	<b>0.95</b>	<b>0.41</b>	<b>0.04</b>	<b>-</b>	<b>-</b>	<b>6.59</b>

### UGSB Wind direction and Wind Gust speed (November, 2010-2015)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.04%).

The directions of maximum wind gusts are 230° and 260°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

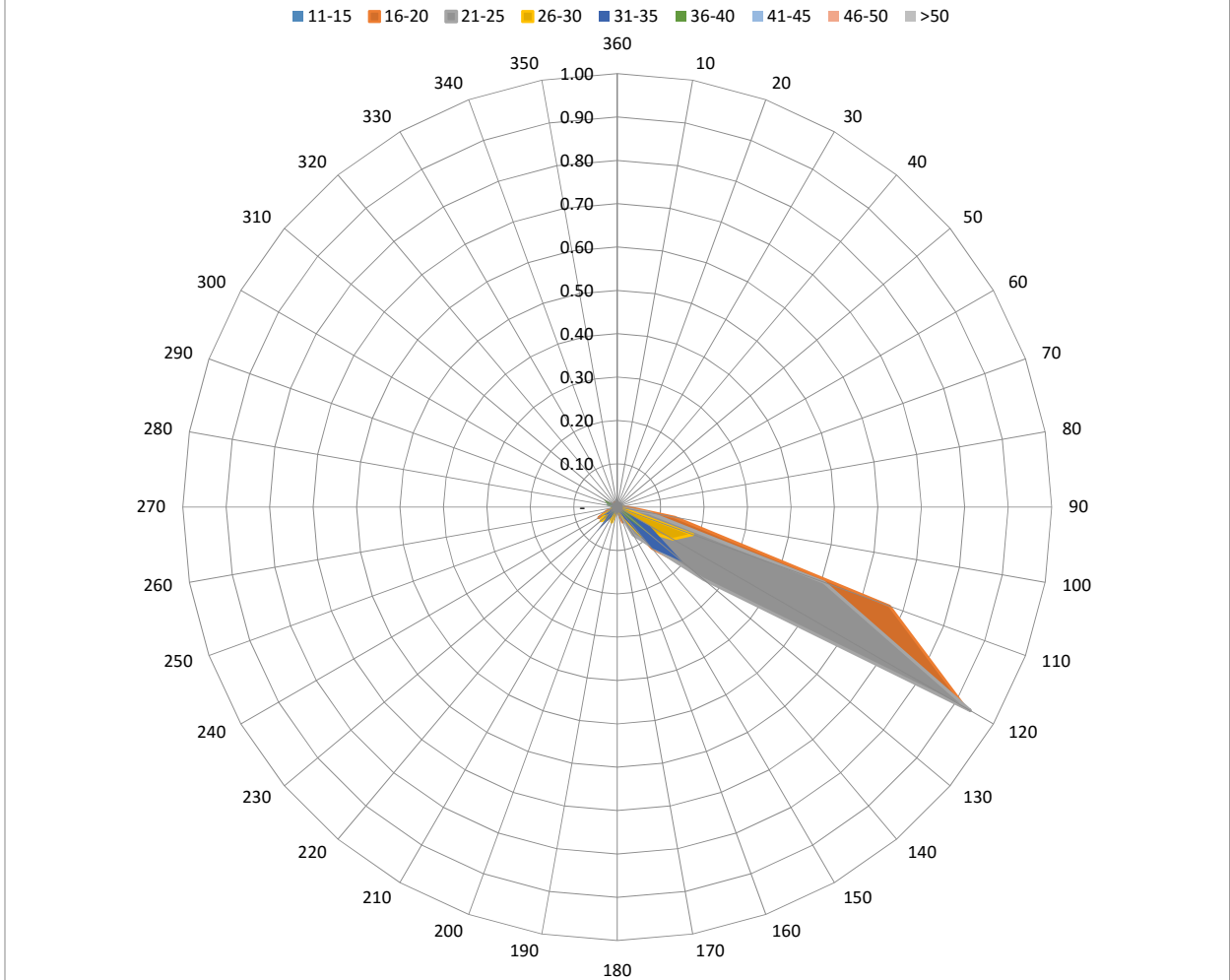
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	0.01	-	-	-	-	-	-	-	0,01
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	0.02	-	0.01	-	-	-	-	-	0,04
100	-	0.14	0.07	0.01	-	-	-	-	-	0,22
110	-	0.67	0.51	0.19	-	-	-	-	-	1,36
120	-	0.93	0.94	0.15	0.09	0.02	-	-	-	2,12
130	-	0.22	0.26	0.09	0.20	0.11	-	-	-	0,88
140	-	0.12	0.11	0.09	0.12	0.02	-	-	-	0,47
150	-	0.04	0.07	0.02	0.02	-	-	-	-	0,16
160	-	0.04	0.01	0.01	0.01	-	-	-	-	0,07
170	-	0.01	0.01	-	-	-	-	-	-	0,02
180	-	-	-	0.01	-	-	-	-	-	0,01
190	-	0.01	-	0.01	0.01	-	-	-	-	0,04
200	-	-	-	0.04	-	-	-	-	-	0,04
210	-	-	0.02	0.02	0.02	0.04	-	-	-	0,11
220	-	0.04	0.02	0.04	0.07	0.01	0.01	-	-	0,20
230	-	-	-	0.05	0.02	0.02	-	-	-	0,10
240	-	0.05	0.01	0.04	0.04	-	-	-	-	0,14
250	-	0.02	0.01	-	0.01	-	-	-	-	0,05
260	-	-	-	0.01	0.01	-	-	0.01	-	0,04
270	-	-	-	-	-	0.01	-	-	-	0,01
280	-	-	-	-	0.01	0.02	0.04	-	-	0,07
290	-	-	-	0.01	0.01	0.02	0.01	-	-	0,06
300	-	0.01	-	-	-	0.04	-	-	-	0,05
310	-	-	-	-	-	0.01	-	-	-	0,01
320	-	-	-	-	-	-	-	-	-	-
330	-	0.01	-	-	-	-	-	-	-	0,01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	-	<b>2.35</b>	<b>2.06</b>	<b>0.80</b>	<b>0.67</b>	<b>0.35</b>	<b>0.06</b>	<b>0.01</b>	-	<b>6,30</b>

### UGSB Wind direction and Wind Gust speed (December, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) frequency of occurrence – 0.42%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 21648

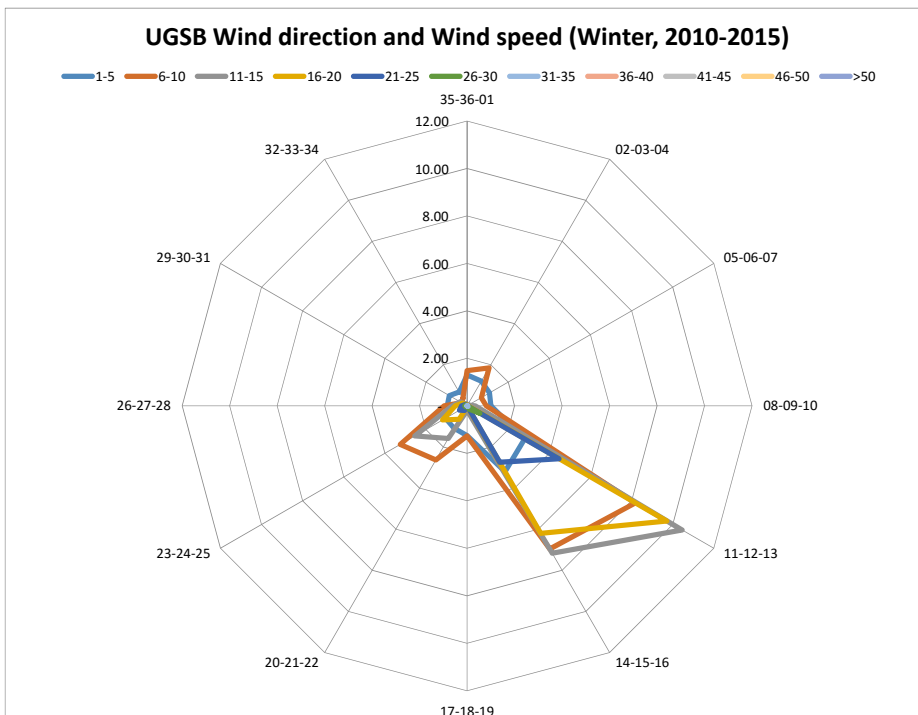
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.25
VARIABLE	2.03	0.19	0.00	-	-	-	-	-	-	-	-	2.22
35-36-01	1.30	1.48	0.01	0.01	-	-	-	-	-	-	-	2.81
02-03-04	1.20	1.85	0.07	-	-	-	-	-	-	-	-	3.12
05-06-07	1.09	0.69	0.07	0.03	-	-	-	-	-	-	-	1.88
08-09-10	1.00	0.81	0.34	0.04	0.01	-	-	-	-	-	-	2.21
11-12-13	2.80	8.18	10.46	9.71	4.47	0.63	0.04	-	-	-	-	36.29
14-15-16	3.20	6.96	7.17	6.20	2.75	0.16	-	-	-	-	-	26.44
17-18-19	1.26	1.27	0.19	0.02	0.00	-	-	-	-	-	-	2.74
20-21-22	1.09	2.63	1.59	0.65	0.22	0.05	-	-	-	-	-	6.23
23-24-25	1.05	3.25	2.54	1.19	0.37	0.08	-	-	-	-	-	8.47
26-27-28	0.84	0.97	0.64	0.50	0.23	0.09	0.01	-	-	-	-	3.28
29-30-31	0.87	0.27	0.34	0.23	0.10	0.07	0.00	-	-	-	-	1.89
32-33-34	0.67	0.36	0.09	0.04	0.02	-	-	-	-	-	-	1.18
TOTAL	18.38	28.91	23.52	18.63	8.17	1.07	0.06	-	-	-	-	100.00



**CALM**  
1.25%

**VARIABLE**  
2.22%

The prevailing wind directions of 110°-160° frequency of occurrence is 62.73%.

The most frequent wind speed is up to 10 knots, which is the Light and Gentle breeze (frequency of occurrence 47.29%) and wind speed of 11-20 knots, which is the Moderate and Fresh breeze (frequency of occurrence 42.15%) 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 0.06%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: SPRING

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 22080

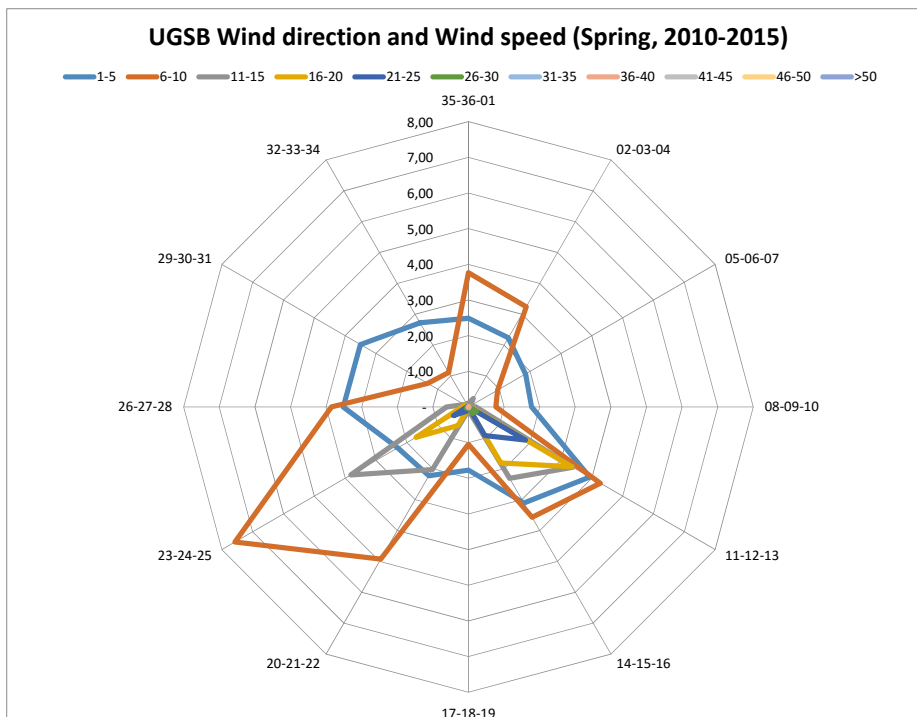
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												3.45
VARIABLE	3.47	0.15	0.01	-	-	-	-	-	-	-	-	3.63
35-36-01	2.49	3.77	0.10	-	-	-	-	-	-	-	-	6.36
02-03-04	2.24	3.24	0.27	-	-	-	-	-	-	-	-	5.75
05-06-07	1.85	0.95	0.06	-	-	-	-	-	-	-	-	2.85
08-09-10	1.77	0.77	0.21	0.04	0.00	-	-	-	-	-	-	2.79
11-12-13	3.93	4.28	3.38	3.35	1.85	0.26	0.01	0.004	-	-	-	17.07
14-15-16	3.11	3.57	2.31	1.82	0.92	0.21	0.02	-	-	-	-	11.97
17-18-19	1.77	1.05	0.09	0.02	-	-	-	-	-	-	-	2.93
20-21-22	2.23	4.93	2.03	0.60	0.14	0.03	0.02	-	-	-	-	9.98
23-24-25	2.29	7.57	3.82	1.70	0.48	0.07	0.01	-	-	-	-	15.95
26-27-28	3.52	3.85	0.62	0.18	0.04	0.01	-	-	-	-	-	8.22
29-30-31	3.50	1.32	0.14	0.11	0.03	0.01	-	-	-	-	-	5.11
32-33-34	2.72	1.11	0.09	0.01	-	-	-	-	-	-	-	3.94
TOTAL	34.90	36.56	13.13	7.82	3.48	0.59	0.06	0.004	-	-	-	100.00



**CALM**  
3.45%

**VARIABLE**  
3.63%

The prevailing wind directions of 110°-160° frequency of occurrence is 29.04% 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 71.46%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 24288

OBSERVATION INTERVAL: 30 MIN.

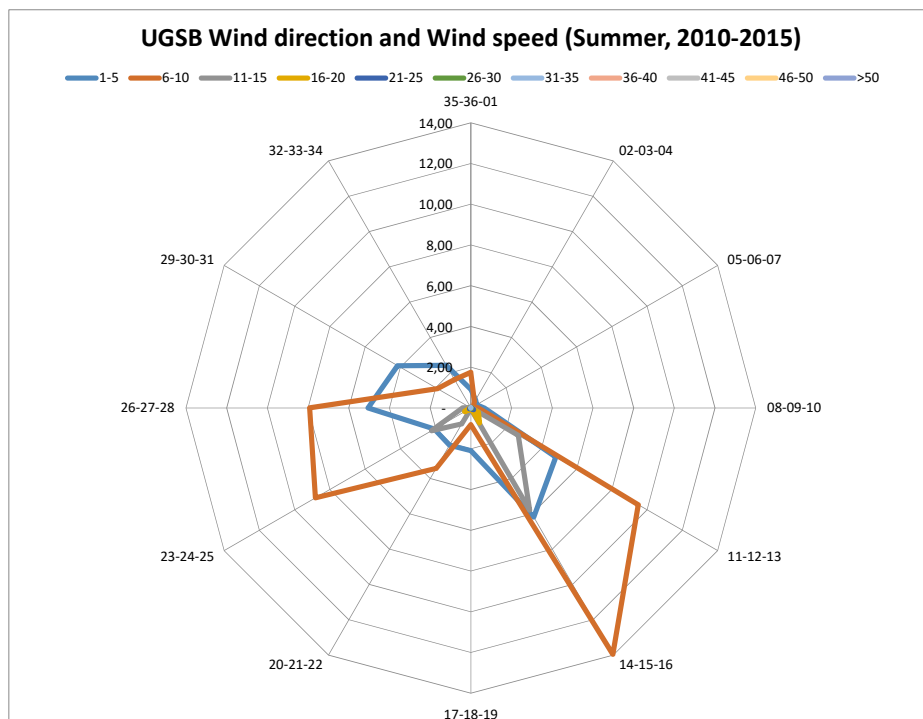
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.78
VARIABLE	1.92	0.08	0.00	-	-	-	-	-	-	-	-	2.00
35-36-01	0.92	1.75	0.01	-	-	-	-	-	-	-	-	2.68
02-03-04	0.46	0.35	0.02	-	-	-	-	-	-	-	-	0.83
05-06-07	0.33	0.14	0.03	-	-	-	-	-	-	-	-	0.50
08-09-10	0.66	0.37	0.03	-	-	-	-	-	-	-	-	1.05
11-12-13	4.82	9.50	2.69	0.43	0.16	0.02	-	-	-	-	-	17.62
14-15-16	6.18	13.96	5.78	0.86	0.04	0.01	-	-	-	-	-	26.83
17-18-19	2.09	0.82	0.04	-	-	-	-	-	-	-	-	2.95
20-21-22	2.10	3.42	0.90	0.10	0.02	0.01	0.004	-	-	-	-	6.56
23-24-25	2.07	8.82	2.24	0.36	0.08	0.01	-	-	-	-	-	13.57
26-27-28	5.05	7.93	0.41	0.03	0.01	-	-	-	-	-	-	13.43
29-30-31	4.16	1.89	0.05	0.01	0.00	0.01	-	-	-	-	-	6.12
32-33-34	2.42	1.61	0.04	-	-	-	-	-	-	-	-	4.07
TOTAL	33.17	50.64	12.24	1.79	0.31	0.07	0.004	-	-	-	-	100.00



**CALM**  
1.78%

**VARIABLE**  
2.00%

The prevailing wind directions of 110°-160° frequency of occurrence is 44.45%.

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 83.81 %).

The maximum wind of 31-35 knots is observed within the 200°-220° sector (frequency of occurrence 0.004%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 24024

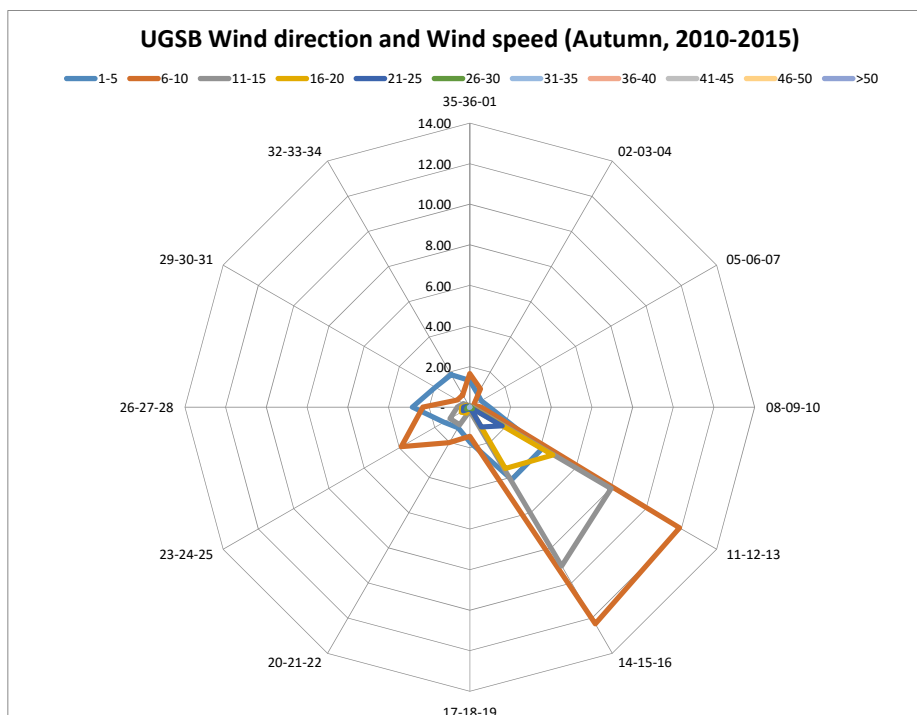
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												1.65
VARIABLE	1.84	0.16	-	-	-	-	-	-	-	-	-	2.00
35-36-01	1.31	1.66	0.03	-	0.00	-	-	-	-	-	-	3.00
02-03-04	0.76	1.04	0.03	0.00	-	-	-	-	-	-	-	1.84
05-06-07	0.64	0.20	0.01	-	-	-	-	-	-	-	-	0.86
08-09-10	0.96	0.55	0.12	0.03	-	-	-	-	-	-	-	1.67
11-12-13	4.09	11.90	8.01	4.71	1.84	0.15	-	-	-	-	-	30.70
14-15-16	4.12	12.32	9.03	3.49	1.13	0.04	-	-	-	-	-	30.13
17-18-19	1.71	1.43	0.18	0.01	-	-	-	-	-	-	-	3.34
20-21-22	1.17	2.01	1.00	0.33	0.11	0.02	0.01	-	-	-	-	4.64
23-24-25	1.48	3.89	1.12	0.49	0.36	0.18	0.03	-	-	-	-	7.55
26-27-28	2.83	2.31	0.61	0.40	0.30	0.09	0.00	-	-	-	-	6.55
29-30-31	1.96	0.71	0.36	0.19	0.11	0.02	-	-	-	-	-	3.36
32-33-34	1.85	0.70	0.10	0.04	0.02	0.00	-	-	-	-	-	2.71
TOTAL	24.73	38.90	20.61	9.70	3.87	0.51	0.04	-	-	-	-	100.00



**CALM**  
1.65%  
**VARIABLE**  
2.00%

The prevailing wind directions of 110°-160° frequency of occurrence is 60.83%.

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 63.63%).

The maximum wind of 31-35 knots is observed within the 200°-220° (frequency of occurrence 0.01%), 230°-250° (frequency of occurrence 0.03%) 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 21648

OBSERVATION INTERVAL: 30 MIN.

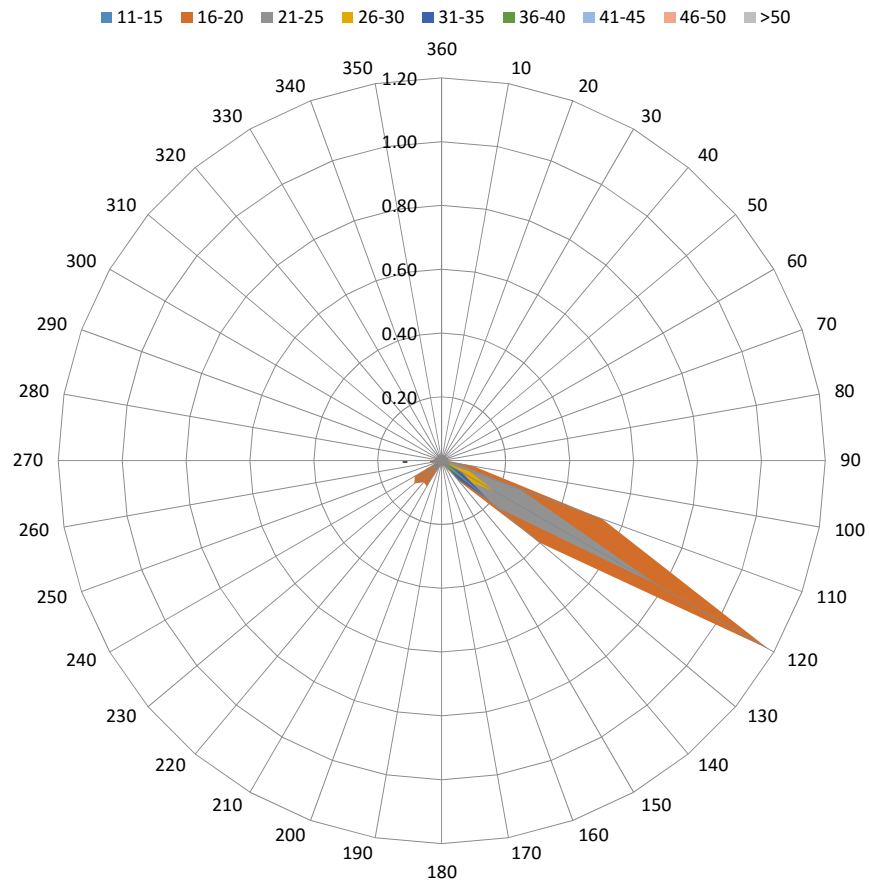
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>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	-	-	-	-	-	0.04
70	-	0.00	0.00	-	-	-	-	-	-	0.01
80	-	-	0.00	-	-	-	-	-	-	0.00
90	-	0.02	-	0.00	-	-	-	-	-	0.02
100	-	0.10	0.04	0.01	-	-	-	-	-	0.16
110	-	0.53	0.26	0.09	0.00	-	-	-	-	0.89
120	-	1.18	0.78	0.20	0.07	0.03	0.02	-	-	2.28
130	0.00	0.40	0.23	0.10	0.20	0.12	0.01	-	-	1.06
140	-	0.08	0.06	0.07	0.07	0.03	-	-	-	0.31
150	-	0.01	0.03	0.02	0.01	-	-	-	-	0.07
160	-	0.01	0.00	0.00	0.00	-	-	-	-	0.03
170	-	0.00	0.00	-	-	-	-	-	-	0.01
180	-	0.02	0.00	0.00	-	-	-	-	-	0.03
190	-	0.00	0.00	0.00	0.00	-	-	-	-	0.02
200	0.00	0.02	-	0.01	-	-	-	-	-	0.04
210	-	0.09	0.01	0.01	0.01	0.01	-	-	-	0.14
220	-	0.09	0.04	0.02	0.04	0.01	0.00	-	-	0.20
230	-	0.11	0.03	0.03	0.02	0.01	-	-	-	0.21
240	-	0.10	0.02	0.03	0.03	0.01	-	-	-	0.20
250	-	0.02	0.02	0.01	0.01	0.01	-	-	-	0.07
260	-	0.04	0.01	0.00	0.02	0.00	0.01	0.004	-	0.09
270	-	0.04	0.01	-	0.04	0.02	0.01	-	-	0.12
280	-	0.00	0.01	-	0.00	0.01	0.01	-	-	0.05
290	-	0.00	-	0.01	0.00	0.01	0.00	-	-	0.04
300	-	0.01	-	-	-	0.01	0.00	-	-	0.03
310	-	-	-	-	-	0.00	-	-	-	0.00
320	-	-	-	-	-	0.00	-	-	-	0.00
330	-	0.00	-	-	-	-	-	-	-	0.00
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>0.01</b>	<b>2.95</b>	<b>1.60</b>	<b>0.65</b>	<b>0.53</b>	<b>0.31</b>	<b>0.08</b>	<b>0.004</b>	<b>-</b>	<b>6.14</b>

## UGSB Wind direction and Wind Gust speed (Winter, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.08%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 22080

OBSERVATION INTERVAL: 30 MIN.

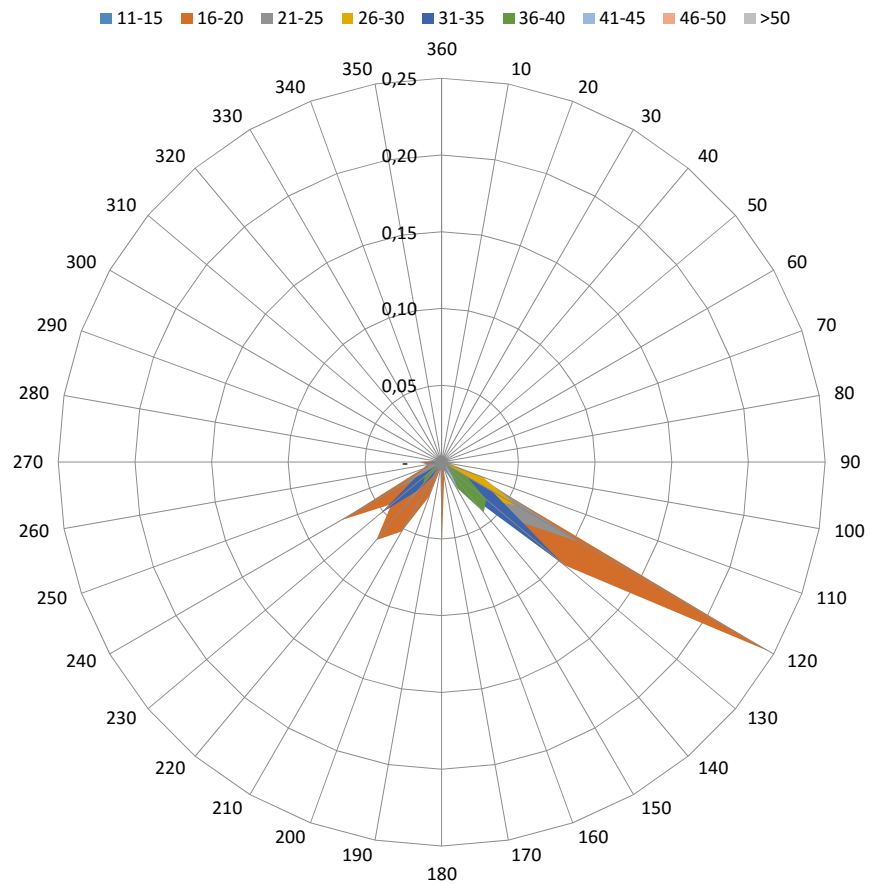
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
70	-	0.00	-	-	-	-	-	-	-	0.00
80	-	-	-	-	-	-	-	-	-	-
90	-	-	0.01	-	-	-	-	-	-	0.01
100	-	-	0.00	0.00	-	-	-	-	-	0.01
110	-	0.02	0.02	0.03	-	-	-	-	-	0.07
120	0.00	0.25	0.10	0.06	0.04	0.02	0.00	0.00	-	0.48
130	0.00	0.10	0.06	0.04	0.10	0.04	0.00	-	-	0.35
140	-	0.00	-	0.02	0.03	0.04	0.01	0.00	-	0.11
150	-	0.01	0.01	0.00	0.01	0.02	0.02	-	-	0.09
160	-	0.00	0.00	-	0.00	-	-	-	-	0.01
170	-	0.01	0.00	0.00	-	-	-	-	-	0.02
180	-	0.06	0.00	-	-	-	-	-	-	0.06
190	-	0.00	0.00	-	-	-	-	-	-	0.01
200	-	0.02	0.00	-	-	-	-	-	-	0.03
210	-	0.05	0.00	0.00	0.01	-	-	-	-	0.07
220	-	0.07	0.04	0.01	0.02	0.02	0.01	0.00	-	0.18
230	-	0.04	0.01	0.04	0.05	0.01	-	-	-	0.16
240	-	0.08	0.04	0.01	0.02	0.00	0.00	-	-	0.16
250	0.00	0.01	0.01	0.00	-	0.00	0.01	-	-	0.05
260	-	0.01	0.01	-	0.00	0.00	-	-	-	0.03
270	-	0.01	-	0.00	0.01	-	-	-	-	0.03
280	-	0.00	-	-	-	-	-	-	-	0.00
290	-	-	-	-	-	-	-	-	-	-
300	-	-	0.00	0.00	0.00	-	-	-	-	0.01
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>0.01</b>	<b>0.77</b>	<b>0.36</b>	<b>0.25</b>	<b>0.32</b>	<b>0.17</b>	<b>0.07</b>	<b>0.01</b>	<b>-</b>	<b>1.95</b>

## UGSB Wind direction and Wind Gust speed (Spring, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) – (frequency of occurrence – 0.08%).

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°, 140° and 220°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGSB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 24288

OBSERVATION INTERVAL: 30 MIN.

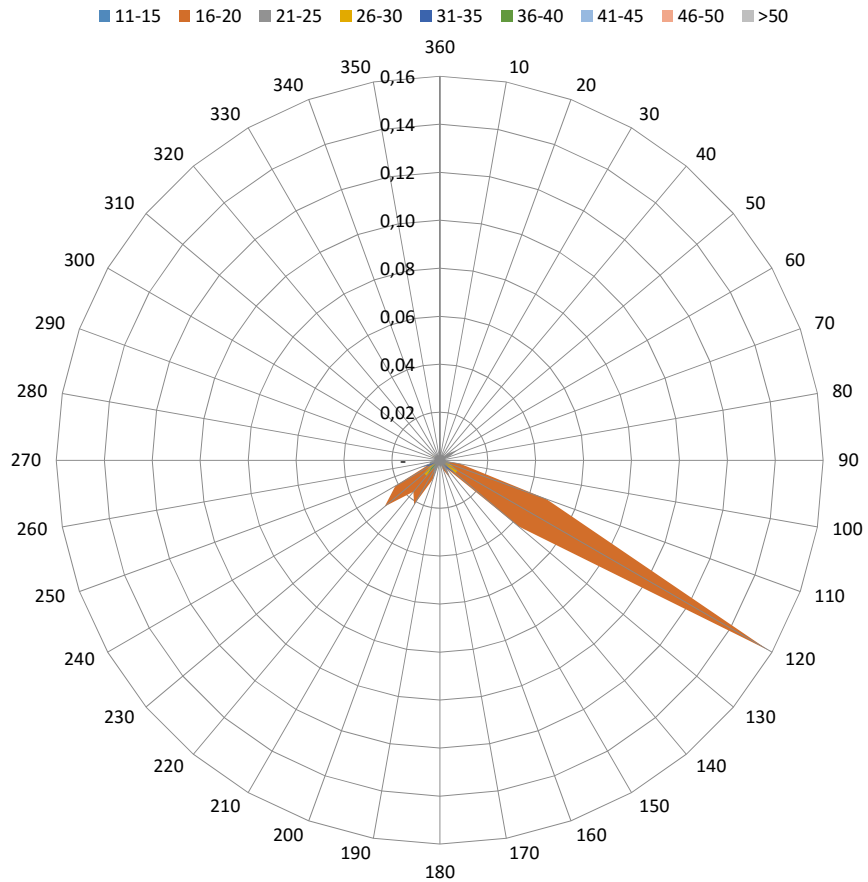
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>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	-	0.05	0.00	0.00	-	-	-	-	-	0.06
120	0.00	0.16	0.00	0.01	-	-	-	-	-	0.18
130	-	0.04	-	0.01	0.01	-	-	-	-	0.06
140	-	0.00	0.00	-	0.00	-	-	-	-	0.01
150	-	0.01	0.01	-	-	-	-	-	-	0.02
160	-	0.00	-	-	-	-	-	-	-	0.00
170	-	-	-	0.00	-	-	-	-	-	0.00
180	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-
200	-	0.01	0.01	0.00	-	-	-	-	-	0.02
210	-	0.02	0.00	-	0.00	-	-	-	-	0.03
220	-	0.02	0.00	0.01	-	0.01	-	-	-	0.04
230	-	0.03	0.01	0.01	-	0.00	-	-	-	0.05
240	-	0.02	-	0.00	0.00	-	-	-	-	0.03
250	-	0.00	0.00	-	0.01	-	-	-	-	0.02
260	-	-	0.00	-	-	-	-	-	-	0.00
270	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-
300	-	-	-	0.00	-	-	-	-	-	0.00
310	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>0.00</b>	<b>0.38</b>	<b>0.08</b>	<b>0.06</b>	<b>0.03</b>	<b>0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.56</b>

## UGSB Wind direction and Wind Gust speed (Summer, 2010-2015)



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 – 0.01%).

The directions of maximum wind gusts are 220° and 230°.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UGSB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 24024

OBSERVATION INTERVAL: 30 MIN.

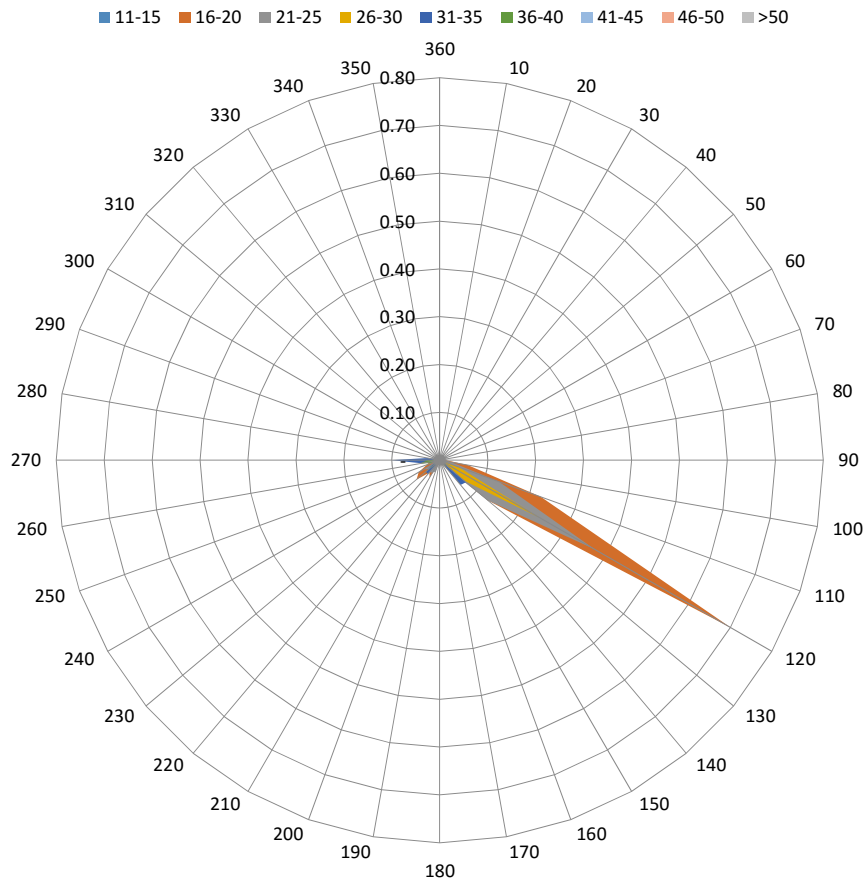
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES										
WIND DIRECTION	WIND GUST SPEED (KT)									TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
360	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
60	-	0.00	-	-	-	-	-	-	-	0.00
70	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
90	-	0.01	0.01	-	-	-	-	-	-	0.02
100	-	0.06	0.03	0.00	-	-	-	-	-	0.09
110	0.00	0.22	0.13	0.04	-	-	-	-	-	0.40
120	0.01	0.70	0.37	0.24	0.01	-	-	-	-	1.33
130	-	0.13	0.13	0.07	0.07	0.02	-	-	-	0.42
140	-	0.01	0.02	0.02	0.07	0.01	-	-	-	0.13
150	-	0.01	0.01	0.01	-	-	-	-	-	0.03
160	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-
180	-	0.01	-	-	-	-	-	-	-	0.01
190	-	0.00	-	-	-	-	-	-	-	0.00
200	-	0.01	0.03	0.00	0.00	-	-	-	-	0.05
210	-	0.04	0.03	0.01	0.01	0.00	-	-	-	0.09
220	-	0.03	0.03	0.02	0.04	0.00	0.00	-	-	0.14
230	-	0.06	0.03	0.04	0.04	0.06	0.01	-	-	0.24
240	-	0.05	0.04	-	0.02	0.00	-	-	-	0.11
250	-	0.03	0.01	0.01	0.01	0.02	-	-	-	0.08
260	-	0.02	0.01	0.02	0.04	0.04	0.00	-	-	0.14
270	-	0.00	0.01	0.06	0.10	0.03	-	-	-	0.21
280	-	0.00	0.01	0.01	0.03	0.00	-	-	-	0.06
290	-	-	-	-	0.01	0.00	-	-	-	0.01
300	-	-	-	-	0.00	0.00	-	-	-	0.01
310	-	-	0.00	0.00	-	-	-	-	-	0.01
320	-	-	-	-	-	-	-	-	-	-
330	-	0.00	-	0.00	-	-	-	-	-	0.01
340	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	0.00	-	-	-	0.00
TOTAL	0.01	1.44	0.91	0.57	0.44	0.20	0.02	-	-	3.59

## UGSB Wind direction and Wind Gust speed (Autumn, 2010-2015)



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

The maximum wind speed (41-45 knots) corresponds to the Strong gale according to “Beaufort wind force scale” (frequency of occurrence – 0.02%).

The directions of maximum wind gusts are 220°, 230° and 260°.



## TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

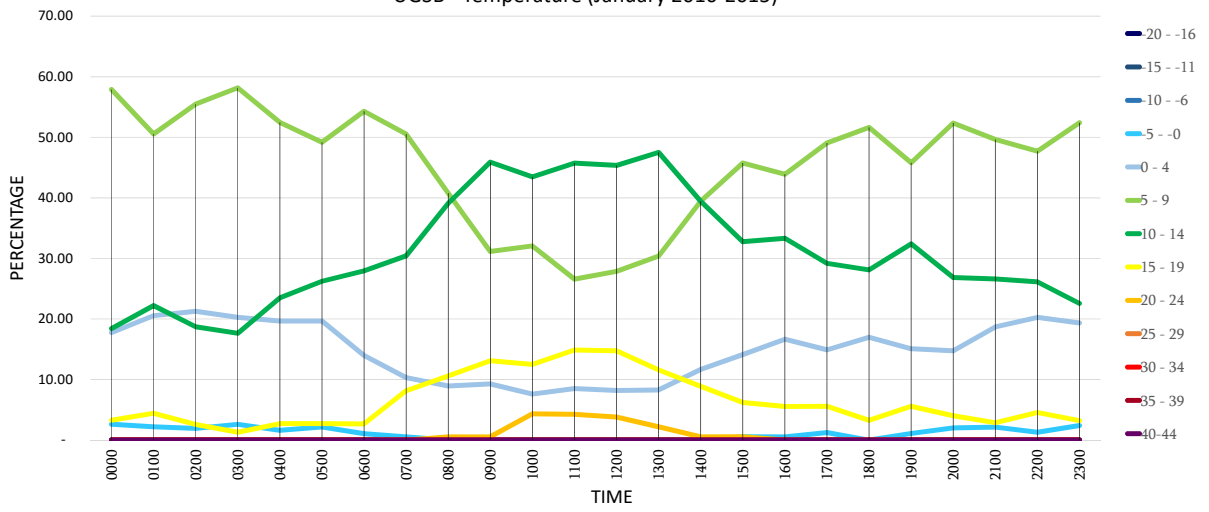
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	2.63	17.76	57.89	18.42	3.29	-	-	-	-	-
0100	-	-	-	2.22	20.56	50.56	22.22	4.44	-	-	-	-	-
0200	-	-	-	1.94	21.29	55.48	18.71	2.58	-	-	-	-	-
0300	-	-	-	2.61	20.26	58.17	17.65	1.31	-	-	-	-	-
0400	-	-	-	1.64	19.67	52.46	23.50	2.73	-	-	-	-	-
0500	-	-	-	2.19	19.67	49.18	26.23	2.73	-	-	-	-	-
0600	-	-	-	1.08	13.98	54.30	27.96	2.69	-	-	-	-	-
0700	-	-	-	0.54	10.33	50.54	30.43	8.15	-	-	-	-	-
0800	-	-	-	-	8.94	40.78	39.11	10.61	0.56	-	-	-	-
0900	-	-	-	-	9.29	31.15	45.90	13.11	0.55	-	-	-	-
1000	-	-	-	-	7.61	32.07	43.48	12.50	4.35	-	-	-	-
1100	-	-	-	-	8.51	26.60	45.74	14.89	4.26	-	-	-	-
1200	-	-	-	-	8.20	27.87	45.36	14.75	3.83	-	-	-	-
1300	-	-	-	-	8.29	30.39	47.51	11.60	2.21	-	-	-	-
1400	-	-	-	-	11.67	39.44	39.44	8.89	0.56	-	-	-	-
1500	-	-	-	0.56	14.12	45.76	32.77	6.21	0.56	-	-	-	-
1600	-	-	-	0.56	16.67	43.89	33.33	5.56	-	-	-	-	-
1700	-	-	-	1.24	14.91	49.07	29.19	5.59	-	-	-	-	-
1800	-	-	-	-	16.99	51.63	28.10	3.27	-	-	-	-	-
1900	-	-	-	1.12	15.08	45.81	32.40	5.59	-	-	-	-	-
2000	-	-	-	2.01	14.77	52.35	26.85	4.03	-	-	-	-	-
2100	-	-	-	2.16	18.71	49.64	26.62	2.88	-	-	-	-	-
2200	-	-	-	1.31	20.26	47.71	26.14	4.58	-	-	-	-	-
2300	-	-	-	2.42	19.35	52.42	22.58	3.23	-	-	-	-	-
MEAN	-	-	-	1.09	14.87	45.63	31.24	6.47	0.70	-	-	-	-

Min temperature -5° to -0° (time 0000 UTC) – 2.63%

Max temperature 20° to 24° (time 1000 UTC) – 4.35%

Mean dominating temperature 5° to 9° – 45.63%

UGSB - Temperature (January 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

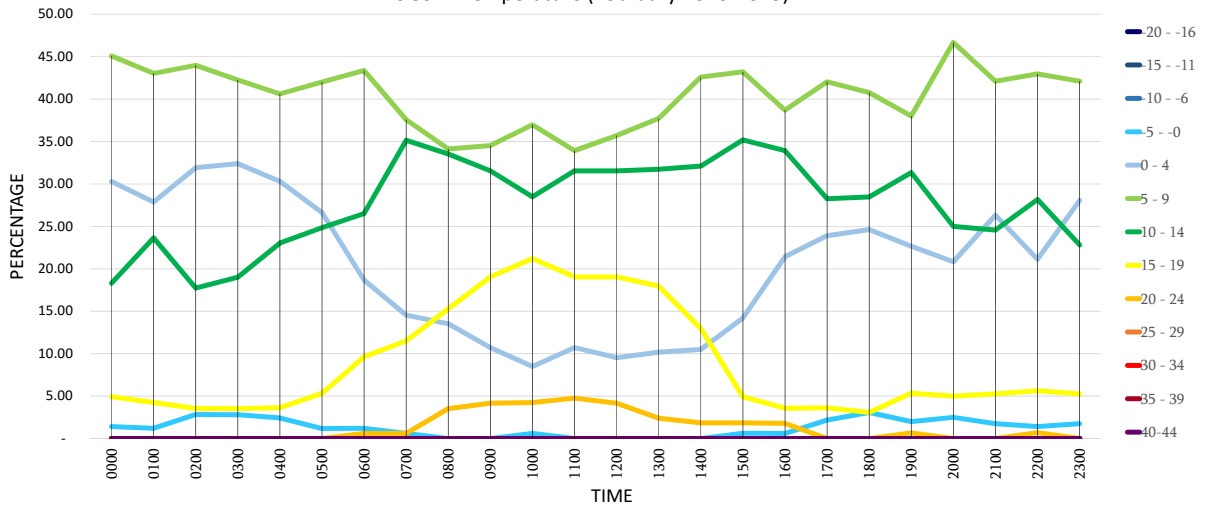
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	1.41	30.28	45.07	18.31	4.93	-	-	-	-	-
0100	-	-	-	1.21	27.88	43.03	23.64	4.24	-	-	-	-	-
0200	-	-	-	2.84	31.91	43.97	17.73	3.55	-	-	-	-	-
0300	-	-	-	2.82	32.39	42.25	19.01	3.52	-	-	-	-	-
0400	-	-	-	2.42	30.30	40.61	23.03	3.64	-	-	-	-	-
0500	-	-	-	1.18	26.63	42.01	24.85	5.33	-	-	-	-	-
0600	-	-	-	1.20	18.67	43.37	26.51	9.64	0.60	-	-	-	-
0700	-	-	-	0.61	14.55	37.58	35.15	11.52	0.61	-	-	-	-
0800	-	-	-	-	13.53	34.12	33.53	15.29	3.53	-	-	-	-
0900	-	-	-	-	10.71	34.52	31.55	19.05	4.17	-	-	-	-
1000	-	-	-	0.61	8.48	36.97	28.48	21.21	4.24	-	-	-	-
1100	-	-	-	-	10.71	33.93	31.55	19.05	4.76	-	-	-	-
1200	-	-	-	-	9.52	35.71	31.55	19.05	4.17	-	-	-	-
1300	-	-	-	-	10.18	37.72	31.74	17.96	2.40	-	-	-	-
1400	-	-	-	-	10.49	42.59	32.10	12.96	1.85	-	-	-	-
1500	-	-	-	0.62	14.20	43.21	35.19	4.94	1.85	-	-	-	-
1600	-	-	-	0.60	21.43	38.69	33.93	3.57	1.79	-	-	-	-
1700	-	-	-	2.17	23.91	42.03	28.26	3.62	-	-	-	-	-
1800	-	-	-	3.08	24.62	40.77	28.46	3.08	-	-	-	-	-
1900	-	-	-	2.00	22.67	38.00	31.33	5.33	0.67	-	-	-	-
2000	-	-	-	2.50	20.83	46.67	25.00	5.00	-	-	-	-	-
2100	-	-	-	1.75	26.32	42.11	24.56	5.26	-	-	-	-	-
2200	-	-	-	1.41	21.13	42.96	28.17	5.63	0.70	-	-	-	-
2300	-	-	-	1.75	28.07	42.11	22.81	5.26	-	-	-	-	-
MEAN	-	-	-	1.26	20.39	40.42	27.77	8.86	1.31	-	-	-	-

Min temperature -5° to -0° (time 1800 UTC) – 3.08%

Max temperature 20° to 24° (time 1100 UTC) – 4.76%

Mean dominating temperature 5° to 9° – 40.42%

UGSB - Temperature (February 2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

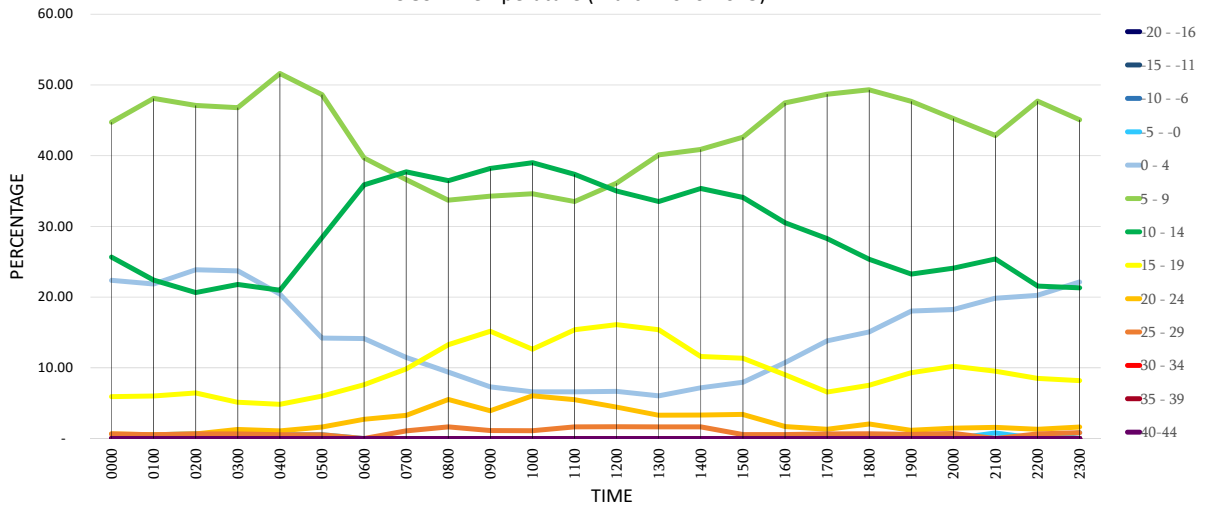
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	22.37	44.74	25.66	5.92	0.66	0.66	-	-	-
0100	-	-	-	0.55	21.86	48.09	22.40	6.01	0.55	0.55	-	-	-
0200	-	-	-	0.65	23.87	47.10	20.65	6.45	0.65	0.65	-	-	-
0300	-	-	-	0.64	23.72	46.79	21.79	5.13	1.28	0.64	-	-	-
0400	-	-	-	0.54	20.43	51.61	20.97	4.84	1.08	0.54	-	-	-
0500	-	-	-	0.55	14.21	48.63	28.42	6.01	1.64	0.55	-	-	-
0600	-	-	-	-	14.13	39.67	35.87	7.61	2.72	-	-	-	-
0700	-	-	-	-	11.48	36.61	37.70	9.84	3.28	1.09	-	-	-
0800	-	-	-	-	9.39	33.70	36.46	13.26	5.52	1.66	-	-	-
0900	-	-	-	-	7.30	34.27	38.20	15.17	3.93	1.12	-	-	-
1000	-	-	-	-	6.59	34.62	39.01	12.64	6.04	1.10	-	-	-
1100	-	-	-	-	6.59	33.52	37.36	15.38	5.49	1.65	-	-	-
1200	-	-	-	-	6.67	36.11	35.00	16.11	4.44	1.67	-	-	-
1300	-	-	-	-	6.04	40.11	33.52	15.38	3.30	1.65	-	-	-
1400	-	-	-	-	7.18	40.88	35.36	11.60	3.31	1.66	-	-	-
1500	-	-	-	-	7.95	42.61	34.09	11.36	3.41	0.57	-	-	-
1600	-	-	-	-	10.73	47.46	30.51	9.04	1.69	0.56	-	-	-
1700	-	-	-	0.66	13.82	48.68	28.29	6.58	1.32	0.66	-	-	-
1800	-	-	-	-	15.07	49.32	25.34	7.53	2.05	0.68	-	-	-
1900	-	-	-	-	18.02	47.67	23.26	9.30	1.16	0.58	-	-	-
2000	-	-	-	-	18.25	45.26	24.09	10.22	1.46	0.73	-	-	-
2100	-	-	-	0.79	19.84	42.86	25.40	9.52	1.59	-	-	-	-
2200	-	-	-	-	20.26	47.71	21.57	8.50	1.31	0.65	-	-	-
2300	-	-	-	0.82	22.13	45.08	21.31	8.20	1.64	0.82	-	-	-
MEAN	-	-	-	0.22	14.50	43.05	29.26	9.65	2.48	0.85	-	-	-

Min temperature -5° to -0° (time 2300 UTC) – 0.82%

Max temperature 25° to 29° (time 1200 UTC) – 1.67%

Mean dominating temperature 5° to 9° – 43.05%

UGSB - Temperature (March 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

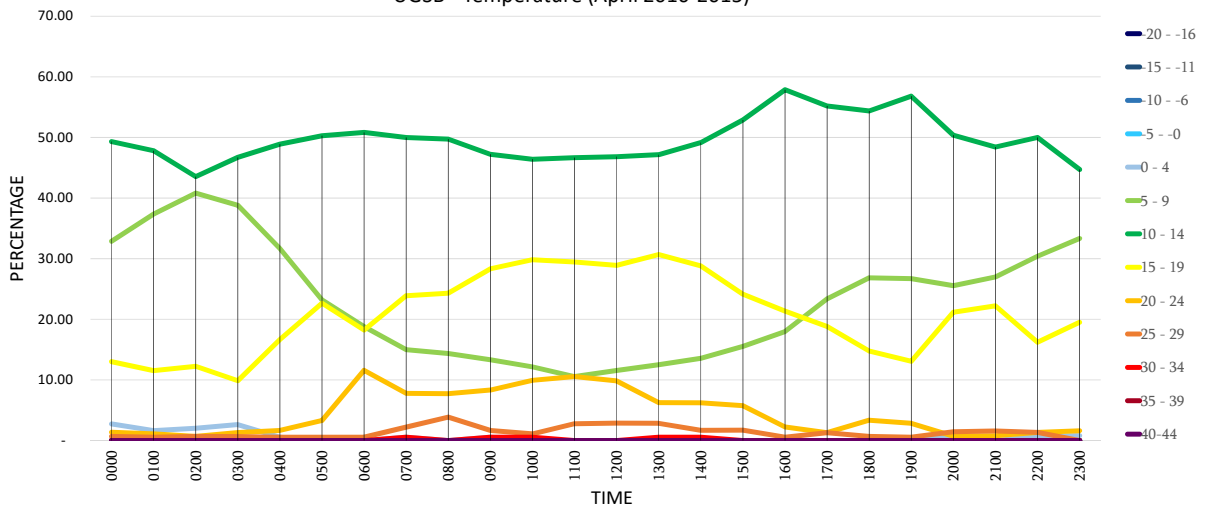
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	2.74	32.88	49.32	13.01	1.37	0.68	-	-	-	
0100	-	-	-	-	1.65	37.36	47.80	11.54	1.10	0.55	-	-	-	
0200	-	-	-	-	2.04	40.82	43.54	12.24	0.68	0.68	-	-	-	
0300	-	-	-	-	2.63	38.82	46.71	9.87	1.32	0.66	-	-	-	
0400	-	-	-	-	0.56	31.67	48.89	16.67	1.67	0.56	-	-	-	
0500	-	-	-	-	-	23.20	50.28	22.65	3.31	0.55	-	-	-	
0600	-	-	-	-	-	18.78	50.83	18.23	11.60	0.55	-	-	-	
0700	-	-	-	-	0.56	15.00	50.00	23.89	7.78	2.22	0.56	-	-	
0800	-	-	-	-	-	14.36	49.72	24.31	7.73	3.87	-	-	-	
0900	-	-	-	-	0.56	13.33	47.22	28.33	8.33	1.67	0.56	-	-	
1000	-	-	-	-	-	12.15	46.41	29.83	9.94	1.10	0.55	-	-	
1100	-	-	-	-	-	10.56	46.67	29.44	10.56	2.78	-	-	-	
1200	-	-	-	-	-	11.56	46.82	28.90	9.83	2.89	-	-	-	
1300	-	-	-	-	-	12.50	47.16	30.68	6.25	2.84	0.57	-	-	
1400	-	-	-	-	-	13.56	49.15	28.81	6.21	1.69	0.56	-	-	
1500	-	-	-	-	-	15.52	52.87	24.14	5.75	1.72	-	-	-	
1600	-	-	-	-	-	17.98	57.87	21.35	2.25	0.56	-	-	-	
1700	-	-	-	-	-	23.38	55.19	18.83	1.30	1.30	-	-	-	
1800	-	-	-	-	-	26.85	54.36	14.77	3.36	0.67	-	-	-	
1900	-	-	-	-	-	26.70	56.82	13.07	2.84	0.57	-	-	-	
2000	-	-	-	-	0.73	25.55	50.36	21.17	0.73	1.46	-	-	-	
2100	-	-	-	-	-	26.98	48.41	22.22	0.79	1.59	-	-	-	
2200	-	-	-	-	0.68	30.41	50.00	16.22	1.35	1.35	-	-	-	
2300	-	-	-	-	0.81	33.33	44.72	19.51	1.63	-	-	-	-	
MEAN	-	-	-	-	0.50	22.44	49.70	21.10	4.75	1.39	0.13	-	-	

Min temperature 0° to 4° (time 0000 UTC) – 2.74%

Max temperature 30° to 34° (time 1300 UTC) – 0.57%

Mean dominating temperature 10° to 14° – 49.70%

UGSB - Temperature (April 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

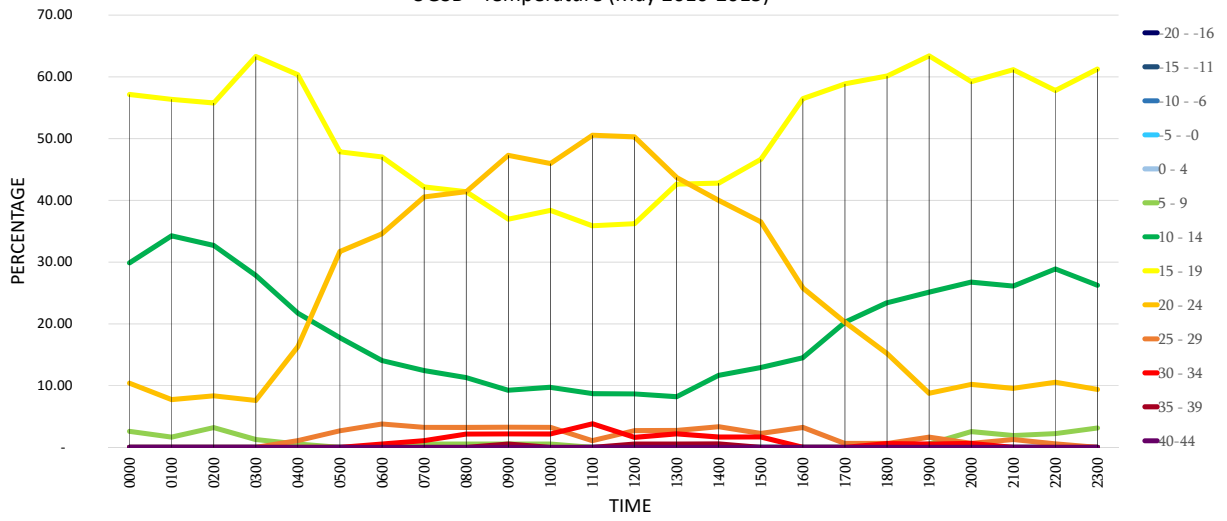
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	2.60	29.87	57.14	10.39	-	-	-	-
0100	-	-	-	-	-	1.66	34.25	56.35	7.73	-	-	-	-
0200	-	-	-	-	-	3.21	32.69	55.77	8.33	-	-	-	-
0300	-	-	-	-	-	1.27	27.85	63.29	7.59	-	-	-	-
0400	-	-	-	-	-	0.54	21.74	60.33	16.30	1.09	-	-	-
0500	-	-	-	-	-	-	17.74	47.85	31.72	2.69	-	-	-
0600	-	-	-	-	-	-	14.05	47.03	34.59	3.78	0.54	-	-
0700	-	-	-	-	-	0.54	12.43	42.16	40.54	3.24	1.08	-	-
0800	-	-	-	-	-	0.54	11.29	41.40	41.40	3.23	2.15	-	-
0900	-	-	-	-	-	0.54	9.24	36.96	47.28	3.26	2.17	0.54	-
1000	-	-	-	-	-	0.54	9.73	38.38	45.95	3.24	2.16	-	-
1100	-	-	-	-	-	-	8.70	35.87	50.54	1.09	3.80	-	-
1200	-	-	-	-	-	-	8.65	36.22	50.27	2.70	1.62	0.54	-
1300	-	-	-	-	-	-	8.20	42.62	43.72	2.73	2.19	0.55	-
1400	-	-	-	-	-	-	11.67	42.78	40.00	3.33	1.67	0.56	-
1500	-	-	-	-	-	-	12.92	46.63	36.52	2.25	1.69	-	-
1600	-	-	-	-	-	-	14.52	56.45	25.81	3.23	-	-	-
1700	-	-	-	-	-	-	20.25	58.86	20.25	0.63	-	-	-
1800	-	-	-	-	-	-	23.42	60.13	15.19	0.63	0.63	-	-
1900	-	-	-	-	-	0.55	25.14	63.39	8.74	1.64	0.55	-	-
2000	-	-	-	-	-	2.55	26.75	59.24	10.19	0.64	0.64	-	-
2100	-	-	-	-	-	1.91	26.11	61.15	9.55	1.27	-	-	-
2200	-	-	-	-	-	2.22	28.89	57.78	10.56	0.56	-	-	-
2300	-	-	-	-	-	3.13	26.25	61.25	9.38	-	-	-	-
MEAN	-	-	-	-	-	0.86	18.86	50.78	26.71	1.79	0.91	0.10	-

Min temperature 5° to 9° (time 0200 UTC) – 3.21%

Max temperature 35° to 39° (time 1400 UTC) – 0.56%

Mean dominating temperature 15° to 19° – 50.78%

UGSB - Temperature (May 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

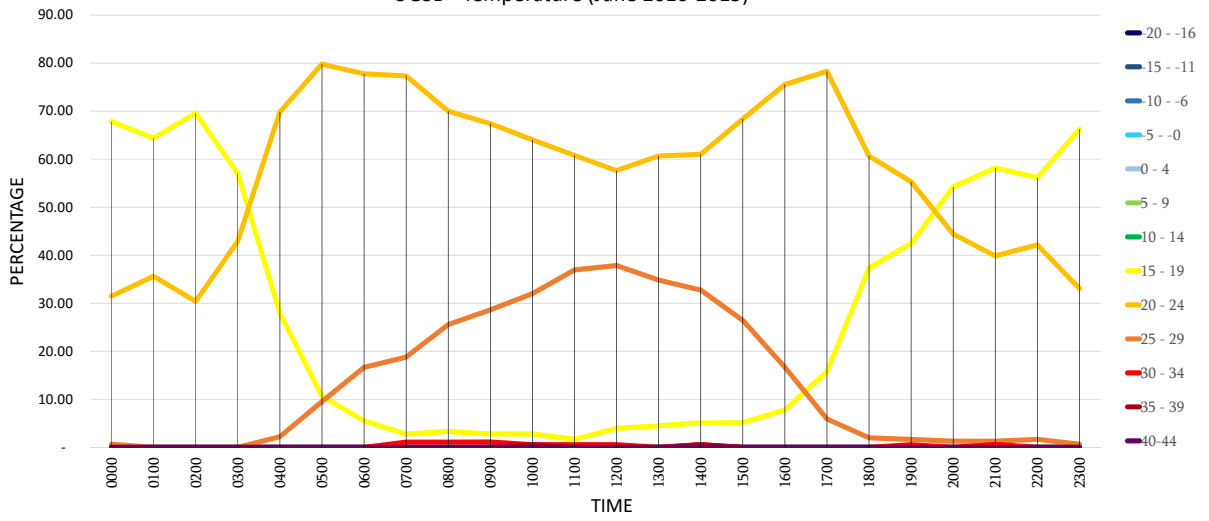
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	67.81	31.51	0.68	-	-	-
0100	-	-	-	-	-	-	-	64.37	35.63	-	-	-	-
0200	-	-	-	-	-	-	-	69.59	30.41	-	-	-	-
0300	-	-	-	-	-	-	-	57.06	42.94	-	-	-	-
0400	-	-	-	-	-	-	-	27.93	69.83	2.23	-	-	-
0500	-	-	-	-	-	-	-	10.67	79.78	9.55	-	-	-
0600	-	-	-	-	-	-	-	5.56	77.78	16.67	-	-	-
0700	-	-	-	-	-	-	-	2.76	77.35	18.78	1.10	-	-
0800	-	-	-	-	-	-	-	3.33	70.00	25.56	1.11	-	-
0900	-	-	-	-	-	-	-	2.81	67.42	28.65	1.12	-	-
1000	-	-	-	-	-	-	-	2.81	64.04	32.02	0.56	0.56	-
1100	-	-	-	-	-	-	-	1.70	60.80	36.93	0.57	-	-
1200	-	-	-	-	-	-	-	3.95	57.63	37.85	0.56	-	-
1300	-	-	-	-	-	-	-	4.49	60.67	34.83	-	-	-
1400	-	-	-	-	-	-	-	5.08	61.02	32.77	0.56	0.56	-
1500	-	-	-	-	-	-	-	5.17	68.39	26.44	-	-	-
1600	-	-	-	-	-	-	-	7.78	75.56	16.67	-	-	-
1700	-	-	-	-	-	-	-	15.79	78.29	5.92	-	-	-
1800	-	-	-	-	-	-	-	37.33	60.67	2.00	-	-	-
1900	-	-	-	-	-	-	-	42.46	55.31	1.68	0.56	-	-
2000	-	-	-	-	-	-	-	54.25	44.44	1.31	-	-	-
2100	-	-	-	-	-	-	-	58.17	39.87	1.31	0.65	-	-
2200	-	-	-	-	-	-	-	56.18	42.13	1.69	-	-	-
2300	-	-	-	-	-	-	-	66.23	33.11	0.66	-	-	-
MEAN	-	-	-	-	-	-	-	26.76	58.38	14.52	0.29	0.05	-

Min temperature 15° to 19° (time 0200 UTC) – 69.59%

Max temperature 35° to 39° (time 1000 and 1400 UTC) – each 0.56%

Mean dominating temperature 20° to 24° – 58.38%

UGSB - Temperature (June 2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

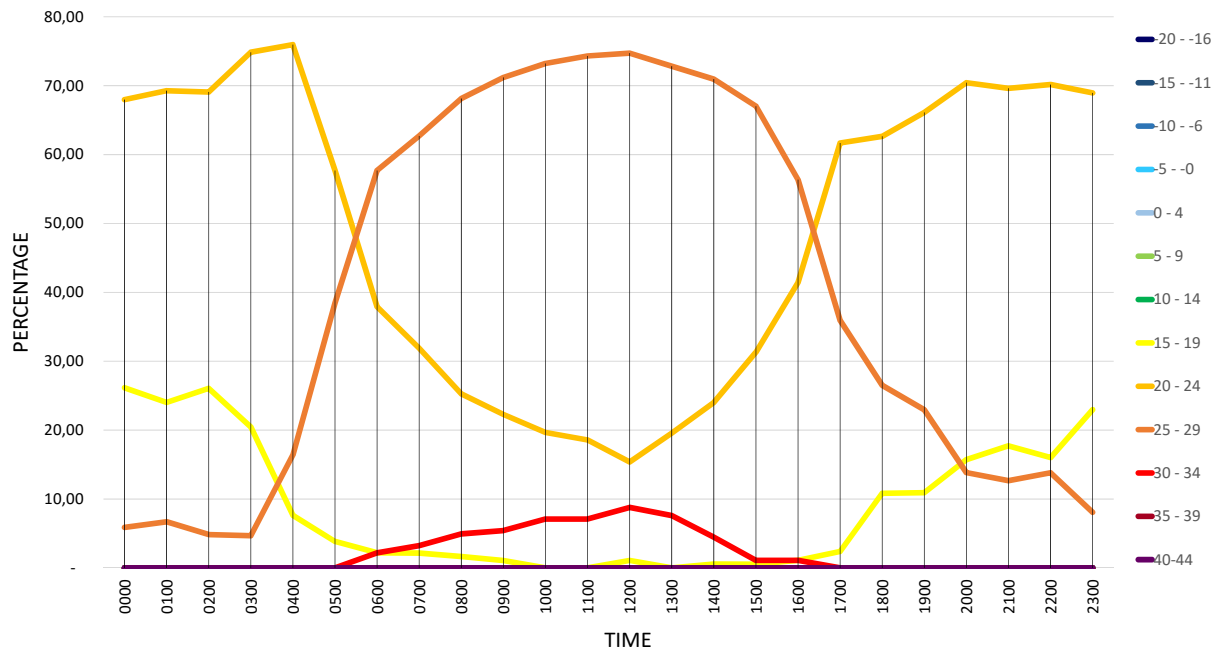
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	26.14	67.97	5.88	-	-	-
0100	-	-	-	-	-	-	-	24.02	69.27	6.70	-	-	-
0200	-	-	-	-	-	-	-	26.06	69.09	4.85	-	-	-
0300	-	-	-	-	-	-	-	20.47	74.85	4.68	-	-	-
0400	-	-	-	-	-	-	-	7.65	75.96	16.39	-	-	-
0500	-	-	-	-	-	-	-	3.85	57.69	38.46	-	-	-
0600	-	-	-	-	-	-	-	2.20	37.91	57.69	2.20	-	-
0700	-	-	-	-	-	-	-	2.16	31.89	62.70	3.24	-	-
0800	-	-	-	-	-	-	-	1.65	25.27	68.13	4.95	-	-
0900	-	-	-	-	-	-	-	1.09	22.28	71.20	5.43	-	-
1000	-	-	-	-	-	-	-	-	19.67	73.22	7.10	-	-
1100	-	-	-	-	-	-	-	-	18.58	74.32	7.10	-	-
1200	-	-	-	-	-	-	-	1.10	15.38	74.73	8.79	-	-
1300	-	-	-	-	-	-	-	-	19.57	72.83	7.61	-	-
1400	-	-	-	-	-	-	-	0.56	24.02	70.95	4.47	-	-
1500	-	-	-	-	-	-	-	0.55	31.32	67.03	1.10	-	-
1600	-	-	-	-	-	-	-	1.10	41.44	56.35	1.10	-	-
1700	-	-	-	-	-	-	-	2.40	61.68	35.93	-	-	-
1800	-	-	-	-	-	-	-	10.84	62.65	26.51	-	-	-
1900	-	-	-	-	-	-	-	10.93	66.12	22.95	-	-	-
2000	-	-	-	-	-	-	-	15.72	70.44	13.84	-	-	-
2100	-	-	-	-	-	-	-	17.72	69.62	12.66	-	-	-
2200	-	-	-	-	-	-	-	16.02	70.17	13.81	-	-	-
2300	-	-	-	-	-	-	-	22.98	68.94	8.07	-	-	-
MEAN	-	-	-	-	-	-	-	8.59	48.07	41.04	2.30	-	-

Min temperature 15° to 19° (time 0000 UTC) – 26.14%

Max temperature 30° to 34° (time 1200 UTC) – 8.79%

Mean dominating temperature 20° to 24° – 48.07%

UGSB - Temperature (July 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

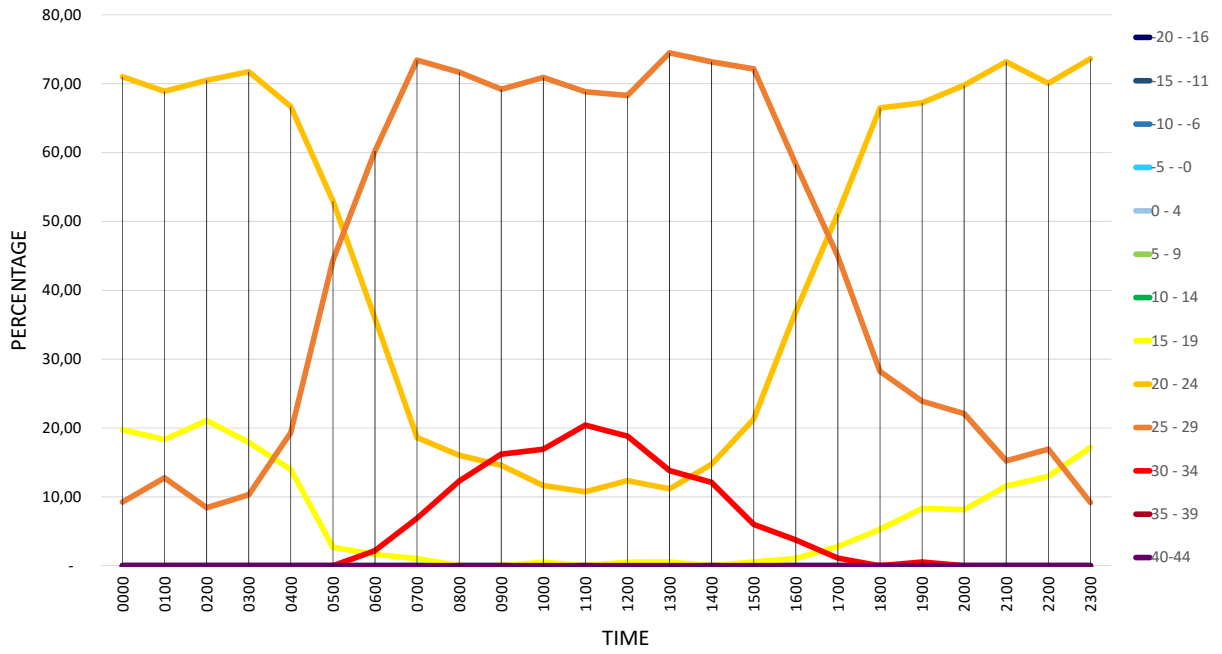
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	19.75	70.99	9.26	-	-	-
0100	-	-	-	-	-	-	-	18.33	68.89	12.78	-	-	-
0200	-	-	-	-	-	-	-	21.08	70.48	8.43	-	-	-
0300	-	-	-	-	-	-	-	17.93	71.74	10.33	-	-	-
0400	-	-	-	-	-	-	-	13.98	66.67	19.35	-	-	-
0500	-	-	-	-	-	-	-	2.67	52.94	44.39	-	-	-
0600	-	-	-	-	-	-	-	1.66	35.91	60.22	2.21	-	-
0700	-	-	-	-	-	-	-	1.06	18.62	73.40	6.91	-	-
0800	-	-	-	-	-	-	-	-	16.04	71.66	12.30	-	-
0900	-	-	-	-	-	-	-	-	14.59	69.19	16.22	-	-
1000	-	-	-	-	-	-	-	0.53	11.64	70.90	16.93	-	-
1100	-	-	-	-	-	-	-	-	10.75	68.82	20.43	-	-
1200	-	-	-	-	-	-	-	0.54	12.37	68.28	18.82	-	-
1300	-	-	-	-	-	-	-	0.53	11.17	74.47	13.83	-	-
1400	-	-	-	-	-	-	-	-	14.74	73.16	12.11	-	-
1500	-	-	-	-	-	-	-	0.55	21.31	72.13	6.01	-	-
1600	-	-	-	-	-	-	-	1.07	36.90	58.29	3.74	-	-
1700	-	-	-	-	-	-	-	2.81	51.12	44.94	1.12	-	-
1800	-	-	-	-	-	-	-	5.29	66.47	28.24	-	-	-
1900	-	-	-	-	-	-	-	8.33	67.22	23.89	0.56	-	-
2000	-	-	-	-	-	-	-	8.14	69.77	22.09	-	-	-
2100	-	-	-	-	-	-	-	11.59	73.17	15.24	-	-	-
2200	-	-	-	-	-	-	-	12.99	70.06	16.95	-	-	-
2300	-	-	-	-	-	-	-	17.18	73.62	9.20	-	-	-
MEAN	-	-	-	-	-	-	-	6.67	43.97	43.69	5.67	-	-

Min temperature 15° to 19° (time 0200 UTC) – 21.08

Max temperature 30° to 34° (time 1100 UTC) – 20.43%

Mean dominating temperature 20° to 24° – 43.97%

UGSB - Temperature (July 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	3.21	43.59	51.92	1.28	-	-	-
0100	-	-	-	-	-	-	1.72	46.55	51.15	0.57	-	-	-
0200	-	-	-	-	-	-	5.16	49.68	43.87	1.29	-	-	-
0300	-	-	-	-	-	-	4.32	51.85	43.21	0.62	-	-	-
0400	-	-	-	-	-	-	2.82	43.50	53.11	0.56	-	-	-
0500	-	-	-	-	-	-	2.25	33.15	57.30	6.74	0.56	-	-
0600	-	-	-	-	-	0.56	1.12	20.22	54.49	23.03	0.56	-	-
0700	-	-	-	-	-	-	0.56	13.56	45.20	39.55	0.56	0.56	-
0800	-	-	-	-	-	-	-	12.36	37.08	48.88	1.12	0.56	-
0900	-	-	-	-	-	-	-	9.04	35.03	55.37	0.56	-	-
1000	-	-	-	-	-	-	-	7.91	30.51	60.45	1.13	-	-
1100	-	-	-	-	-	-	-	8.99	28.09	61.80	1.12	-	-
1200	-	-	-	-	-	-	-	9.60	29.94	59.32	1.13	-	-
1300	-	-	-	-	-	-	-	11.36	29.55	57.95	1.14	-	-
1400	-	-	-	-	-	-	-	9.71	42.86	46.29	1.14	-	-
1500	-	-	-	-	-	-	-	12.57	52.57	34.86	-	-	-
1600	-	-	-	-	-	-	-	23.73	62.71	13.56	-	-	-
1700	-	-	-	-	-	-	0.57	31.43	61.71	6.29	-	-	-
1800	-	-	-	-	-	-	1.91	37.58	59.24	1.27	-	-	-
1900	-	-	-	-	-	-	1.69	35.39	60.67	2.25	-	-	-
2000	-	-	-	-	-	-	2.47	36.42	61.11	-	-	-	-
2100	-	-	-	-	-	-	2.60	40.26	57.14	-	-	-	-
2200	-	-	-	-	-	-	2.86	41.14	54.86	1.14	-	-	-
2300	-	-	-	-	-	-	2.56	44.87	50.00	2.56	-	-	-
MEAN	-	-	-	-	-	0.02	1.44	27.58	47.90	22.61	0.39	0.05	-

Min temperature 5° to 9° (time 0600 UTC) – 0.56%

Max temperature 35° to 39° (time 0700 and 0800 UTC) – each 0.56%

Mean dominating temperature 20° to 24° – 47.90%

### UGSB - Temperature (September 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

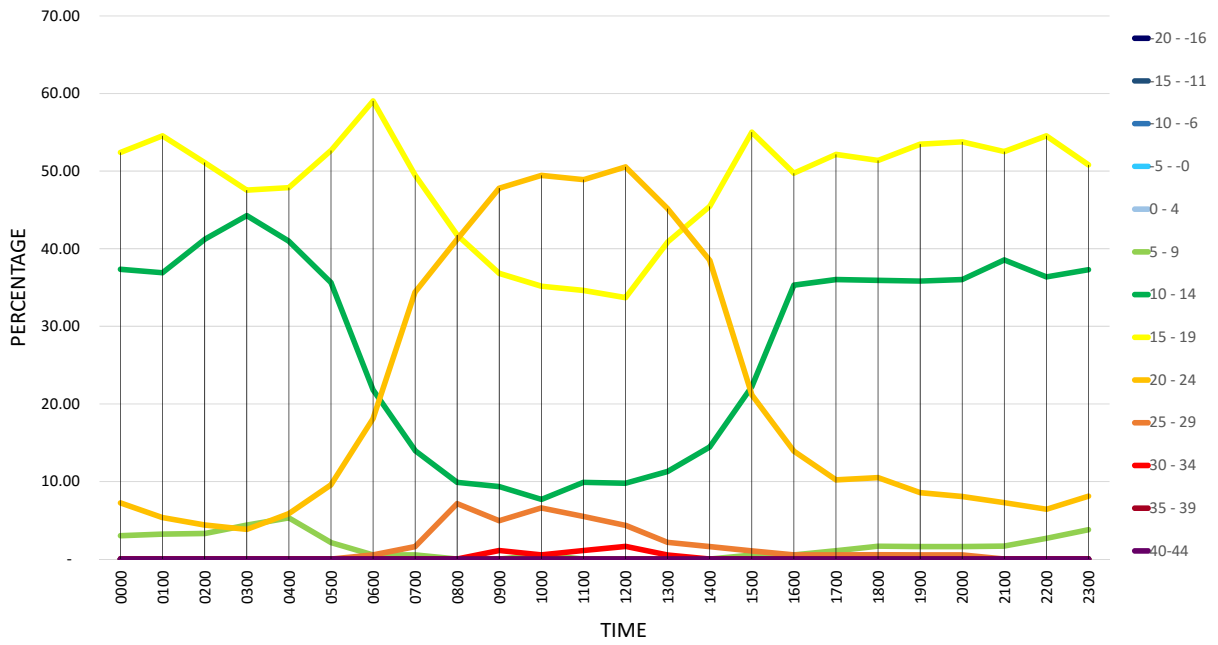
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	3.01	37.35	52.41	7.23	-	-	-	-
0100	-	-	-	-	-	3.21	36.90	54.55	5.35	-	-	-	-
0200	-	-	-	-	-	3.30	41.21	51.10	4.40	-	-	-	-
0300	-	-	-	-	-	4.37	44.26	47.54	3.83	-	-	-	-
0400	-	-	-	-	-	5.32	40.96	47.87	5.85	-	-	-	-
0500	-	-	-	-	-	2.13	35.64	52.66	9.57	-	-	-	-
0600	-	-	-	-	-	0.53	21.81	59.04	18.09	0.53	-	-	-
0700	-	-	-	-	-	0.54	13.98	49.46	34.41	1.61	-	-	-
0800	-	-	-	-	-	-	9.89	41.76	41.21	7.14	-	-	-
0900	-	-	-	-	-	-	9.34	36.81	47.80	4.95	1.10	-	-
1000	-	-	-	-	-	0.55	7.69	35.16	49.45	6.59	0.55	-	-
1100	-	-	-	-	-	-	9.89	34.62	48.90	5.49	1.10	-	-
1200	-	-	-	-	-	-	9.78	33.70	50.54	4.35	1.63	-	-
1300	-	-	-	-	-	-	11.29	40.86	45.16	2.15	0.54	-	-
1400	-	-	-	-	-	-	14.44	45.45	38.50	1.60	-	-	-
1500	-	-	-	-	-	0.53	22.22	55.03	21.16	1.06	-	-	-
1600	-	-	-	-	-	0.53	35.29	49.73	13.90	0.53	-	-	-
1700	-	-	-	-	-	1.08	36.02	52.15	10.22	0.54	-	-	-
1800	-	-	-	-	-	1.66	35.91	51.38	10.50	0.55	-	-	-
1900	-	-	-	-	-	1.60	35.83	53.48	8.56	0.53	-	-	-
2000	-	-	-	-	-	1.61	36.02	53.76	8.06	0.54	-	-	-
2100	-	-	-	-	-	1.68	38.55	52.51	7.26	-	-	-	-
2200	-	-	-	-	-	2.67	36.36	54.55	6.42	-	-	-	-
2300	-	-	-	-	-	3.78	37.30	50.81	8.11	-	-	-	-
MEAN	-	-	-	-	-	1.58	27.40	48.21	21.02	1.58	0.20	-	-

Min temperature 5° to 9° (time 0400 UTC) – 5.32%

Max temperature 30° to 34° (time 1200 UTC) – 1.63%

Mean dominating temperature 15° to 19° – 48.21%

### UGSB - Temperature (October 2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

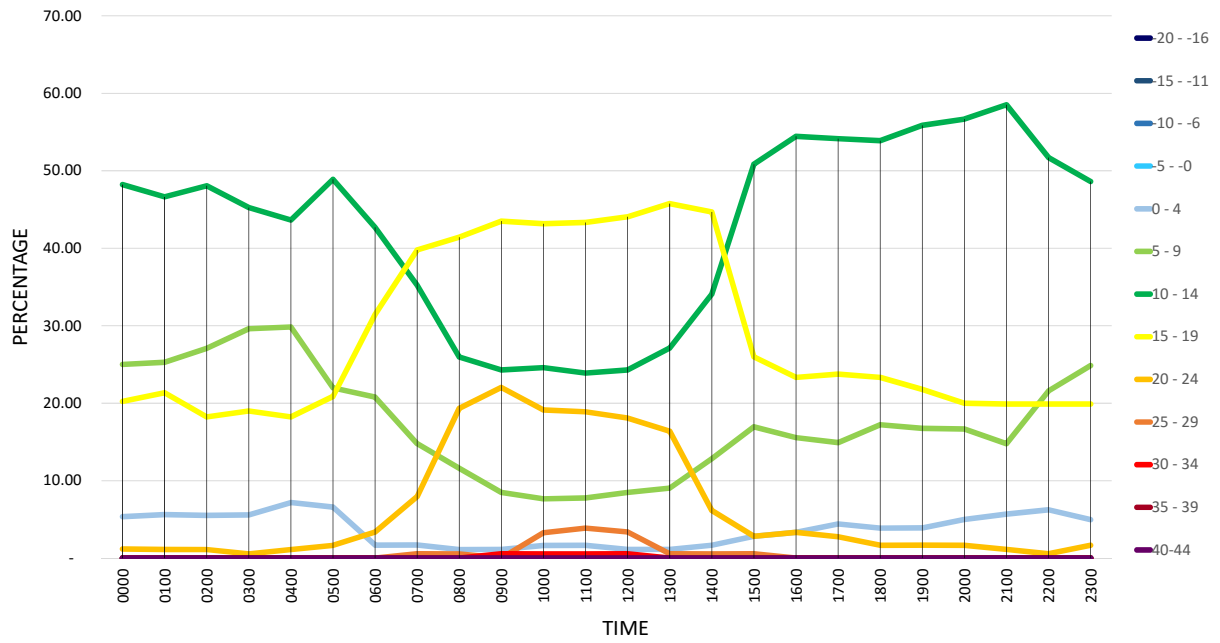
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	5.36	25.00	48.21	20.24	1.19	-	-	-	-	
0100	-	-	-	-	5.62	25.28	46.63	21.35	1.12	-	-	-	-	
0200	-	-	-	-	5.52	27.07	48.07	18.23	1.10	-	-	-	-	
0300	-	-	-	-	5.59	29.61	45.25	18.99	0.56	-	-	-	-	
0400	-	-	-	-	7.18	29.83	43.65	18.23	1.10	-	-	-	-	
0500	-	-	-	-	6.59	21.98	48.90	20.88	1.65	-	-	-	-	
0600	-	-	-	-	1.69	20.79	42.70	31.46	3.37	-	-	-	-	
0700	-	-	-	-	1.70	14.77	35.23	39.77	7.95	0.57	-	-	-	
0800	-	-	-	-	1.10	11.60	25.97	41.44	19.34	0.55	-	-	-	
0900	-	-	-	-	1.13	8.47	24.29	43.50	22.03	-	0.56	-	-	
1000	-	-	-	-	1.64	7.65	24.59	43.17	19.13	3.28	0.55	-	-	
1100	-	-	-	-	1.67	7.78	23.89	43.33	18.89	3.89	0.56	-	-	
1200	-	-	-	-	1.13	8.47	24.29	44.07	18.08	3.39	0.56	-	-	
1300	-	-	-	-	1.13	9.04	27.12	45.76	16.38	0.56	-	-	-	
1400	-	-	-	-	1.68	12.85	34.08	44.69	6.15	0.56	-	-	-	
1500	-	-	-	-	2.82	16.95	50.85	25.99	2.82	0.56	-	-	-	
1600	-	-	-	-	3.33	15.56	54.44	23.33	3.33	-	-	-	-	
1700	-	-	-	-	4.42	14.92	54.14	23.76	2.76	-	-	-	-	
1800	-	-	-	-	3.89	17.22	53.89	23.33	1.67	-	-	-	-	
1900	-	-	-	-	3.91	16.76	55.87	21.79	1.68	-	-	-	-	
2000	-	-	-	-	5.00	16.67	56.67	20.00	1.67	-	-	-	-	
2100	-	-	-	-	5.68	14.77	58.52	19.89	1.14	-	-	-	-	
2200	-	-	-	-	6.25	21.59	51.70	19.89	0.57	-	-	-	-	
2300	-	-	-	-	4.97	24.86	48.62	19.89	1.66	-	-	-	-	
MEAN	-	-	-	-	3.71	17.47	42.80	28.88	6.48	0.56	0.09	-	-	

Min temperature 0° to 4° (time 0400 UTC) – 7.18%

Max temperature 30° to 34° (time 0900, 1000, 1100 and 1200 UTC) – each 0.56%

Mean dominating temperature 10° to 14° – 42.80%

### UGSB - Temperature (November 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

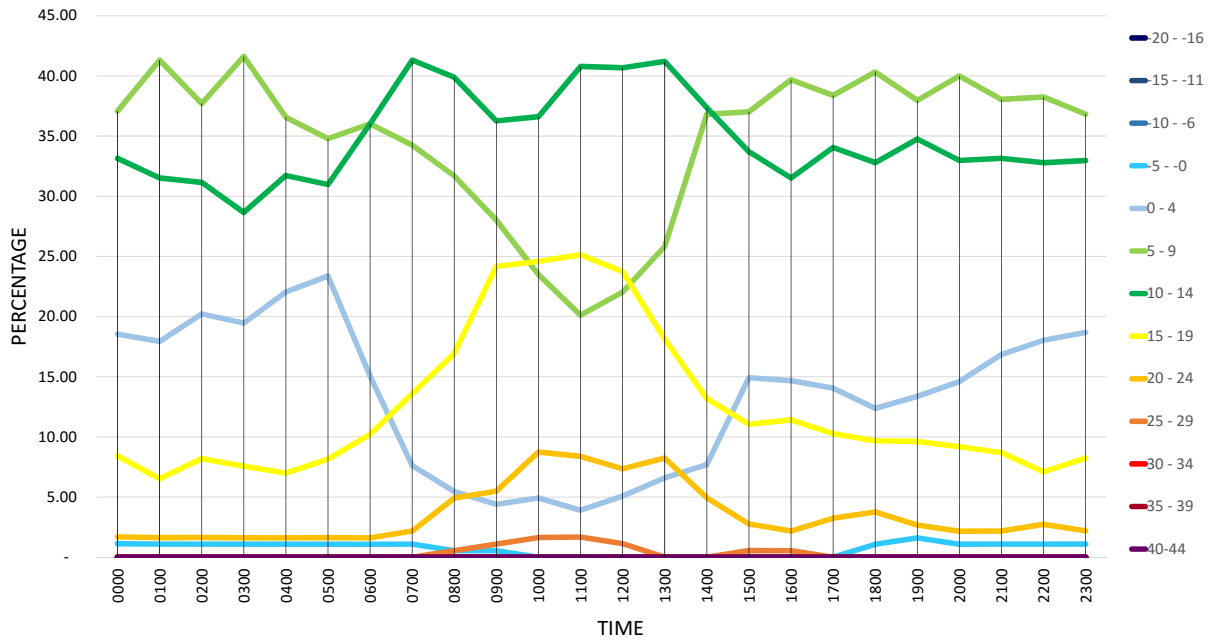
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	1.12	19.10	35.96	33.71	8.43	1.69	-	-	-	-
0100	-	-	-	1.09	18.48	38.59	32.07	8.15	1.63	-	-	-	-
0200	-	-	-	1.09	20.22	37.70	29.51	9.84	1.64	-	-	-	-
0300	-	-	-	1.08	19.46	41.08	28.11	8.65	1.62	-	-	-	-
0400	-	-	-	1.08	21.51	36.56	30.65	8.60	1.61	-	-	-	-
0500	-	-	-	1.09	21.74	34.78	31.52	8.15	2.72	-	-	-	-
0600	-	-	-	1.08	15.59	36.56	34.95	9.68	2.15	-	-	-	-
0700	-	-	-	1.09	7.61	37.50	38.59	12.50	2.72	-	-	-	-
0800	-	-	-	0.55	5.46	33.88	38.80	16.94	3.83	0.55	-	-	-
0900	-	-	-	0.55	4.40	29.67	36.81	22.53	4.95	1.10	-	-	-
1000	-	-	-	-	4.92	24.04	39.34	21.86	8.74	1.09	-	-	-
1100	-	-	-	-	3.91	20.67	41.90	24.02	8.38	1.12	-	-	-
1200	-	-	-	-	5.08	22.03	40.11	23.73	7.91	1.13	-	-	-
1300	-	-	-	-	6.59	25.27	39.56	19.78	8.24	0.55	-	-	-
1400	-	-	-	-	7.69	36.26	35.16	14.84	6.04	-	-	-	-
1500	-	-	-	-	14.92	34.81	34.25	11.60	3.87	0.55	-	-	-
1600	-	-	-	-	14.67	36.96	33.70	11.96	2.17	0.54	-	-	-
1700	-	-	-	-	14.05	35.14	37.84	10.27	2.70	-	-	-	-
1800	-	-	-	1.08	12.37	40.32	33.87	9.14	3.23	-	-	-	-
1900	-	-	-	1.60	13.90	38.50	35.29	8.56	2.14	-	-	-	-
2000	-	-	-	1.08	14.59	40.00	34.05	8.11	2.16	-	-	-	-
2100	-	-	-	1.09	16.85	38.04	34.78	7.07	2.17	-	-	-	-
2200	-	-	-	1.09	18.03	38.80	33.33	6.01	2.73	-	-	-	-
2300	-	-	-	1.10	18.68	37.36	33.52	7.69	1.65	-	-	-	-
MEAN	-	-	-	0.70	13.33	34.60	35.06	12.42	3.61	0.28	-	-	-

Min temperature -5° to -0° (time 1900 UTC) – 1.60%

Max temperature 25° to 29° (time 1200 UTC) – 1.13%

Mean dominating temperature 10° to 14° – 35.06%

### UGSB - Temperature (December 2010-2015)



## ABSOLUTE AND MEAN ATMOSPHERIC PRESSURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL F**

AERODROME: UGSB

MONTHLY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 92064

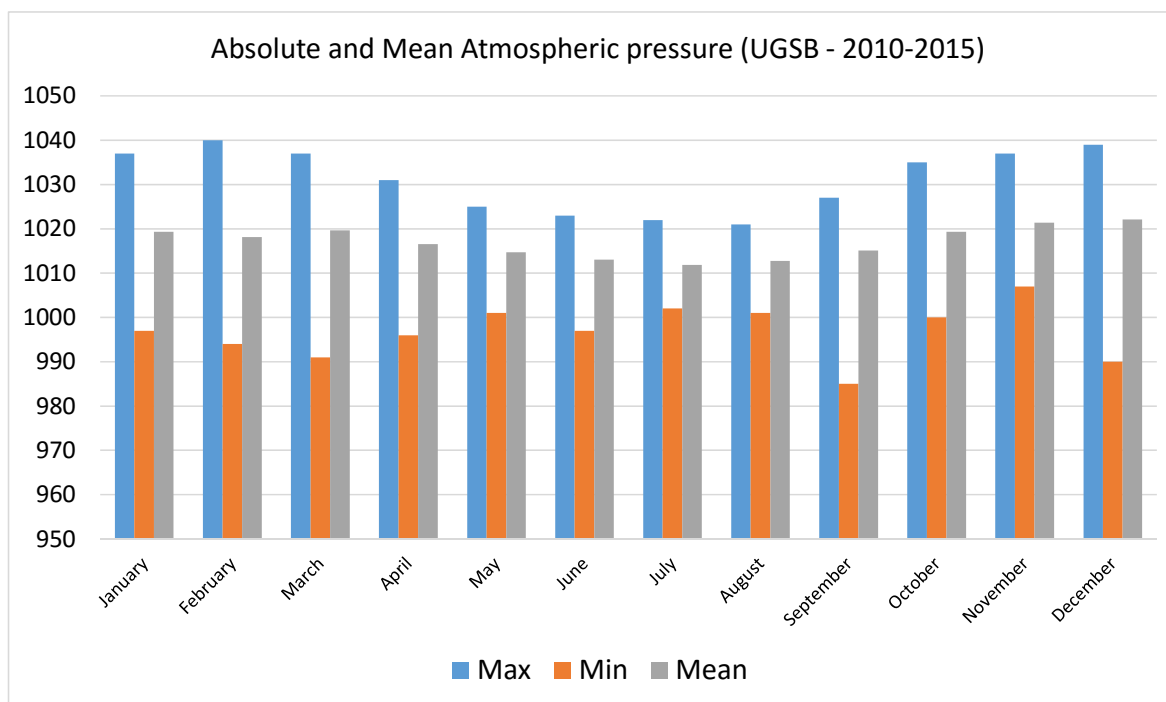
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

<b>Absolute and Mean Atmospheric pressure (UGSB - MAX, MIN, MEAN based on 6 years observation)</b>			
<b>Pressure (HPA)</b>			
<b>Month</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
January	1037	997	1019
February	1040	994	1018
March	1037	991	1020
April	1031	996	1017
May	1025	1001	1015
June	1023	997	1013
July	1022	1002	1012
August	1021	1001	1013
September	1027	997	1015
October	1035	1000	1019
November	1037	1007	1021
December	1039	990	1022



Based on the six years observations in Batumi international airport (UGSB):

The Maximum absolute pressure of atmosphere - QNH detected in February - 1040 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

PERIOD OF RECORD: 2010-2015

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

### JANUARY

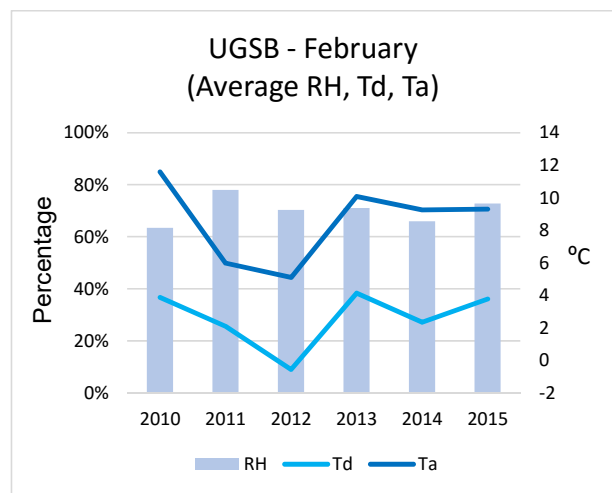
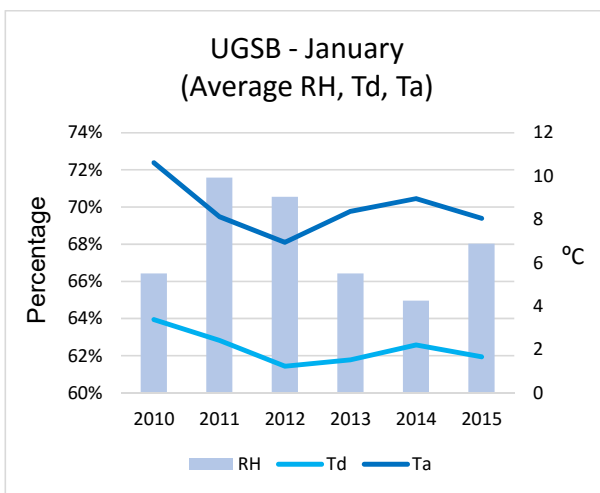
TOTAL NUMBER OF OBSERVATIONS: 4464

Average	2010	2011	2012	2013	2014	2015
RH	66%	72%	71%	66%	65%	68%
Td	3	2	1	2	2	2
Ta	11	8	7	8	9	8

### FEBRUARY

TOTAL NUMBER OF OBSERVATIONS: 4056

Average	2010	2011	2012	2013	2014	2015
RH	63%	78%	70%	71%	66%	73%
Td	4	2	-1	4	2	4
Ta	12	6	5	10	9	9



### MARCH

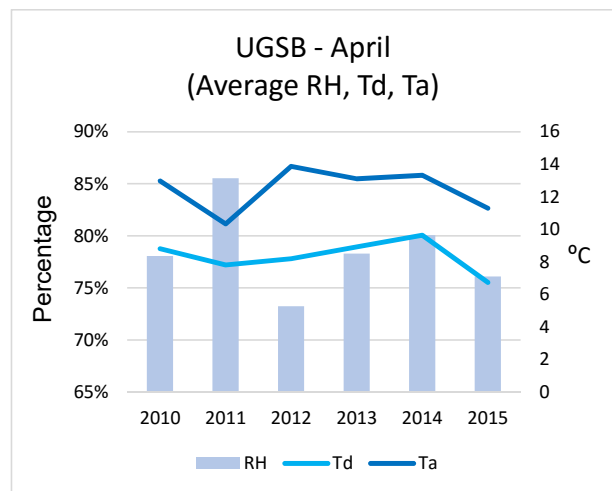
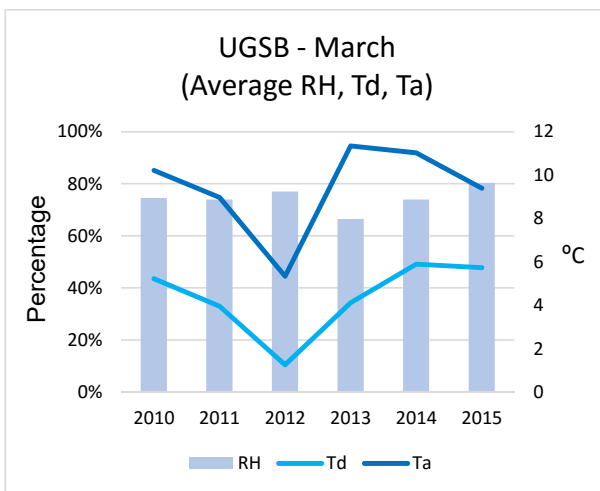
TOTAL NUMBER OF OBSERVATIONS: 4464

Average	2010	2011	2012	2013	2014	2015
RH	75%	74%	77%	66%	74%	80%
Td	5	4	1	4	6	6
Ta	10	9	5	11	11	9

### APRIL

TOTAL NUMBER OF OBSERVATIONS: 4320

Average	2010	2011	2012	2013	2014	2015
RH	78%	86%	73%	78%	80%	76%
Td	9	8	8	9	10	7
Ta	13	10	14	13	13	11

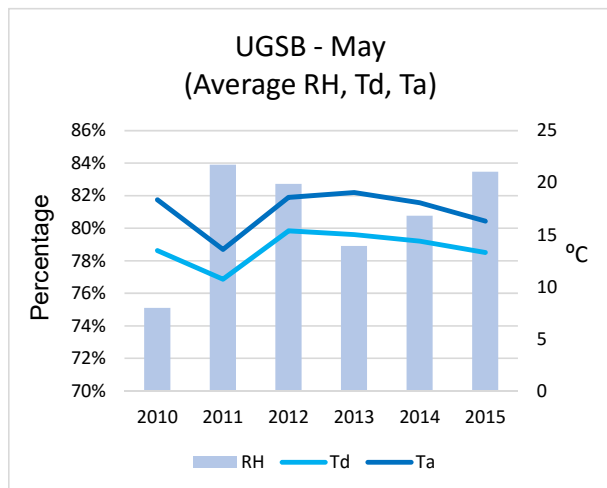




**MAY**

TOTAL NUMBER OF OBSERVATIONS: 4464

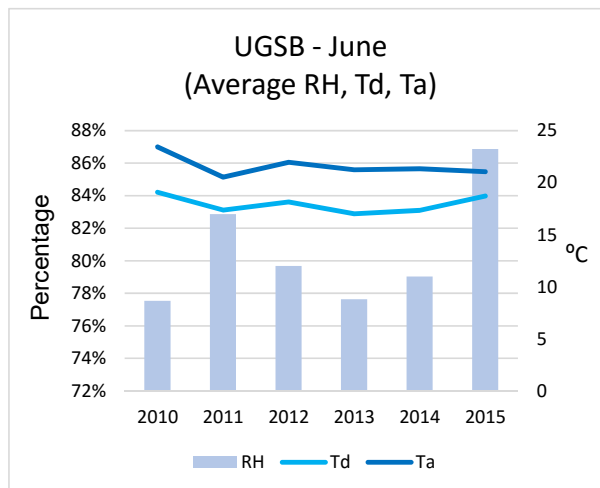
Average	2010	2011	2012	2013	2014	2015
RH	75%	84%	83%	79%	81%	83%
Td	13	11	15	15	14	13
Ta	18	14	19	19	18	16



**JUNE**

TOTAL NUMBER OF OBSERVATIONS: 4320

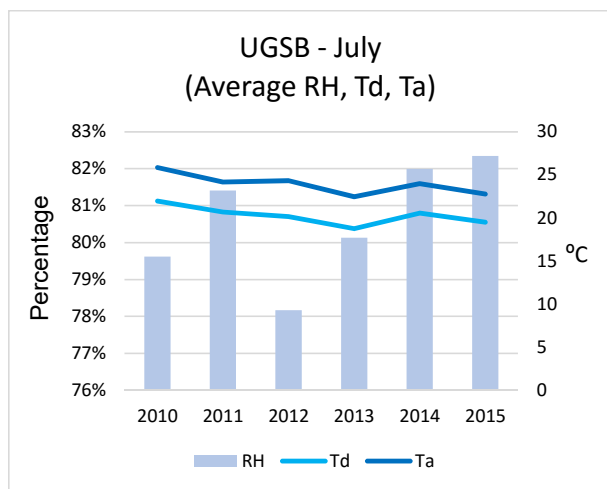
Average	2010	2011	2012	2013	2014	2015
RH	78%	83%	80%	78%	79%	87%
Td	19	17	18	17	17	19
Ta	23	21	22	21	21	21



**JULY**

TOTAL NUMBER OF OBSERVATIONS: 4464

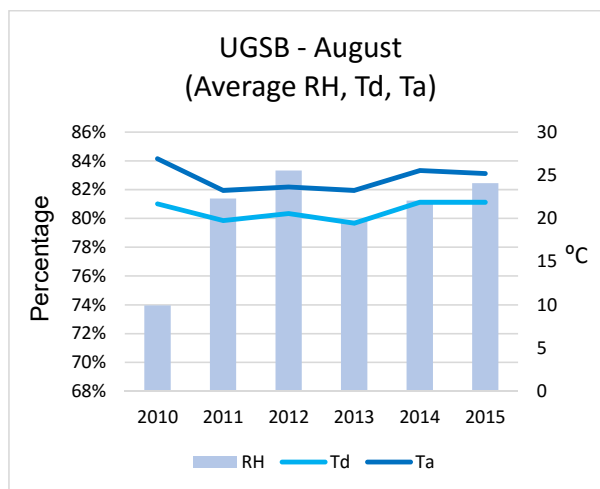
Average	2010	2011	2012	2013	2014	2015
RH	80%	81%	78%	80%	82%	82%
Td	22	21	20	19	21	20
Ta	26	24	24	22	24	23



**AUGUST**

TOTAL NUMBER OF OBSERVATIONS: 4464

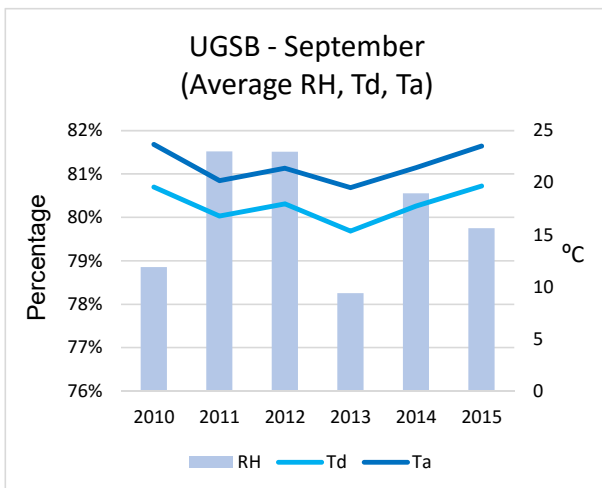
Average	2010	2011	2012	2013	2014	2015
RH	74%	81%	83%	80%	81%	82%
Td	22	20	21	19	22	22
Ta	27	23	24	23	26	25



### SEPTEMBER

TOTAL NUMBER OF OBSERVATIONS: 4320

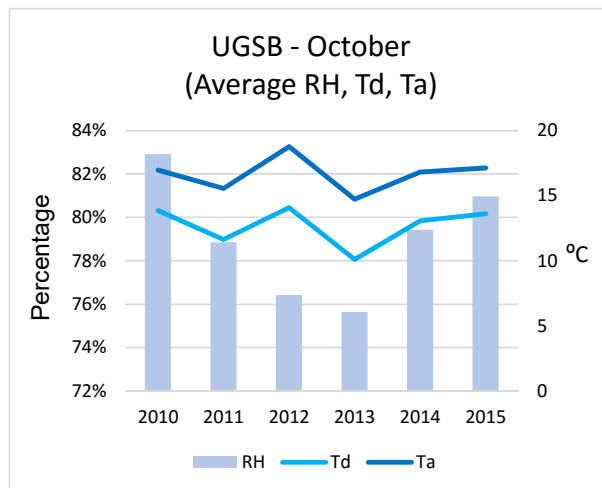
Average	2010	2011	2012	2013	2014	2015
RH	79%	82%	82%	78%	81%	80%
Td	20	17	18	15	18	20
Ta	24	20	21	20	21	24



### OCTOBER

TOTAL NUMBER OF OBSERVATIONS: 4464

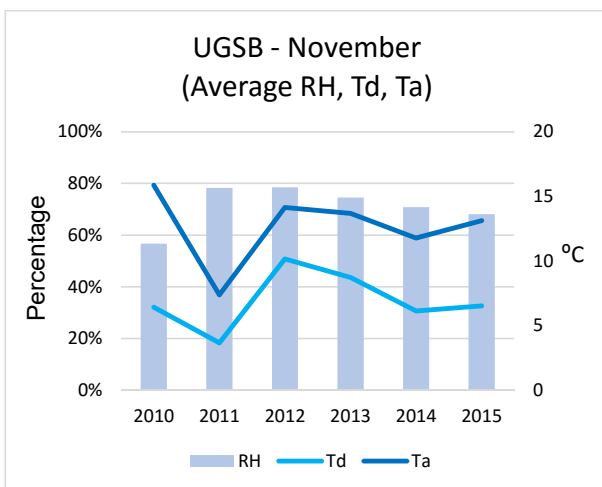
Average	2010	2011	2012	2013	2014	2015
RH	83%	79%	76%	76%	79%	81%
Td	14	12	14	10	13	14
Ta	17	16	19	15	17	17



### NOVEMBER

TOTAL NUMBER OF OBSERVATIONS: 4320

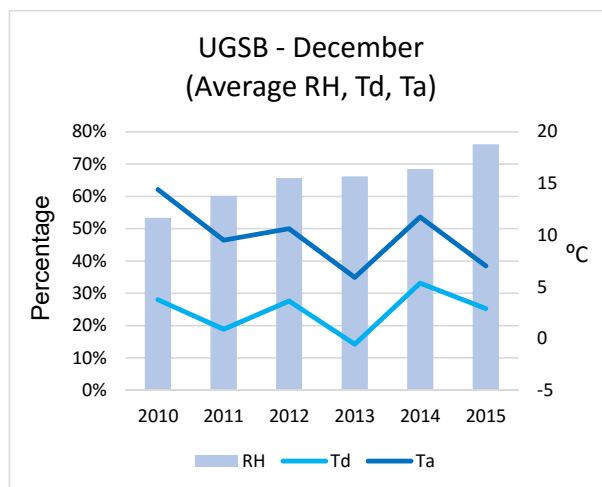
Average	2010	2011	2012	2013	2014	2015
RH	57%	78%	78%	75%	71%	68%
Td	6	4	10	9	6	7
Ta	16	7	14	14	12	13



### DECEMBER

TOTAL NUMBER OF OBSERVATIONS: 4464

Average	2010	2011	2012	2013	2014	2015
RH	53%	60%	66%	66%	68%	76%
Td	4	1	4	-1	5	3
Ta	14	10	11	6	12	7







**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGSB

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

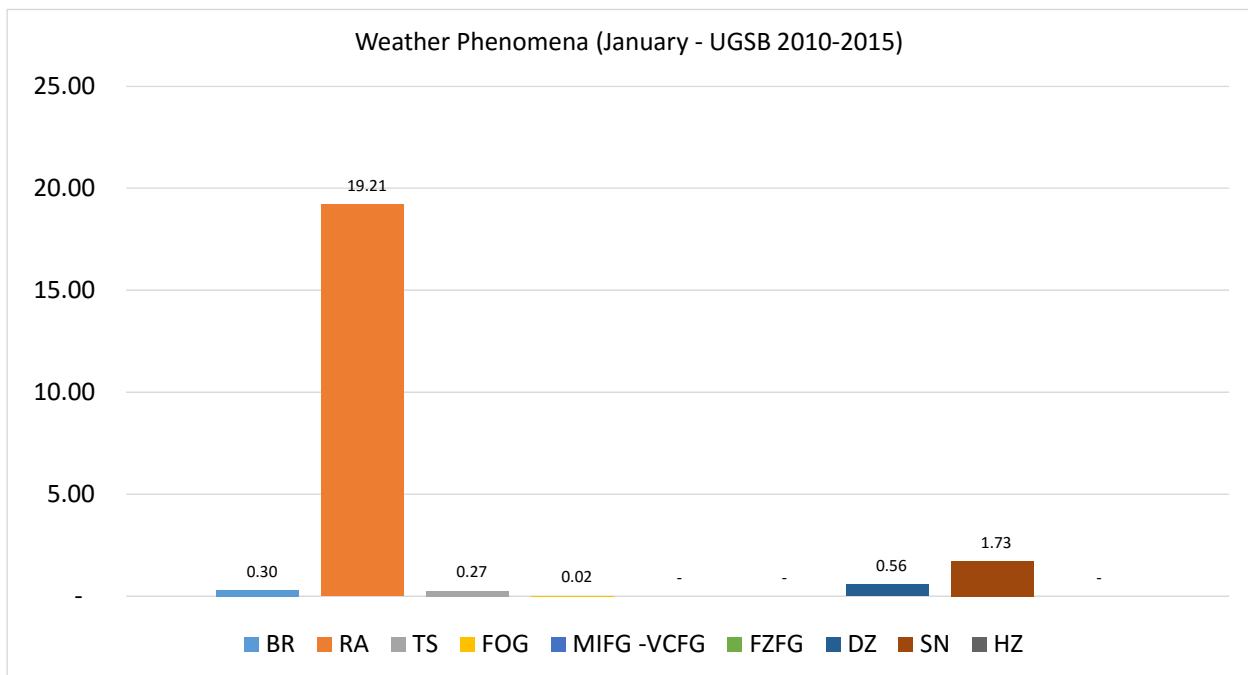
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	22.52	0.66	-	-	-	0.66	2.65	-
0030	-	15.32	0.81	-	-	-	4.03	3.23	-
0100	-	21.43	1.10	-	-	-	1.10	2.75	-
0130	-	16.67	0.79	-	-	-	0.79	3.97	-
0200	-	19.35	-	-	-	-	1.29	3.23	-
0230	-	21.31	0.82	-	-	-	0.82	4.10	-
0300	-	20.92	1.31	-	-	-	0.65	3.92	-
0330	-	19.51	0.81	-	-	-	-	2.44	-
0400	-	22.28	1.09	-	-	-	0.54	2.72	-
0430	-	22.13	0.82	-	-	-	-	1.64	-
0500	-	21.74	1.09	-	-	-	-	2.17	-
0530	-	16.67	0.79	-	-	-	-	2.38	-
0600	-	19.25	-	-	-	-	-	1.60	-
0630	-	18.55	-	-	-	-	-	2.42	-
0700	-	17.84	-	-	-	-	-	1.08	-
0730	-	17.89	-	-	-	-	0.81	0.81	-
0800	-	19.89	-	-	-	-	-	1.10	-
0830	0.81	20.97	-	-	-	-	-	1.61	-
0900	1.09	20.11	-	-	-	-	-	1.09	-
0930	1.60	17.60	-	-	-	-	0.80	1.60	-
1000	0.54	17.39	-	-	-	-	0.54	-	-
1030	0.81	17.74	-	-	-	-	0.81	0.81	-
1100	1.06	17.46	-	-	-	-	0.53	1.06	-
1130	-	19.51	-	-	-	-	0.81	2.44	-
1200	0.55	19.67	-	-	-	-	-	2.19	-
1230	-	18.70	-	-	-	-	-	1.63	-
1300	1.10	20.99	-	-	-	-	0.55	1.10	-
1330	-	22.58	-	-	-	-	-	1.61	-
1400	0.56	20.56	-	-	-	-	-	1.67	-
1430	-	21.31	-	-	-	-	-	2.46	-
1500	0.56	21.91	-	-	-	-	-	1.69	-
1530	0.81	21.14	-	-	-	-	-	0.81	-
1600	1.10	22.10	-	-	-	-	-	1.10	-
1630	-	18.55	-	0.81	-	-	-	0.81	-
1700	0.62	20.50	-	-	-	-	-	1.24	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.81	13.71	-	-	-	-	-	-	-
1800	-	16.34	-	-	-	-	-	0.65	-
1830	-	17.07	-	-	-	-	-	0.81	-
1900	-	19.89	-	-	-	-	-	1.10	-
1930	-	18.03	-	-	-	-	-	0.82	-
2000	-	16.11	0.67	-	-	-	2.01	0.67	-
2030	-	14.75	0.82	-	-	-	3.28	1.64	-
2100	0.72	18.71	0.72	-	-	-	3.60	0.72	-
2130	0.80	21.60	-	-	-	-	1.60	0.80	-
2200	0.65	18.71	0.65	-	-	-	-	1.94	-
2230	-	16.39	-	-	-	-	-	1.64	-
2300	-	19.35	-	-	-	-	-	2.42	-
2330	-	19.33	-	-	-	-	1.68	2.52	-
Mean	0.30	19.21	0.27	0.02	-	-	0.56	1.73	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in January are: rain – 19.21%, snow – 1.73%, drizzle – 0.56%.

The activity of thunderstorms in January constitutes 0.27%.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGSB

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6768

OBSERVATION INTERVAL: 30 MIN.

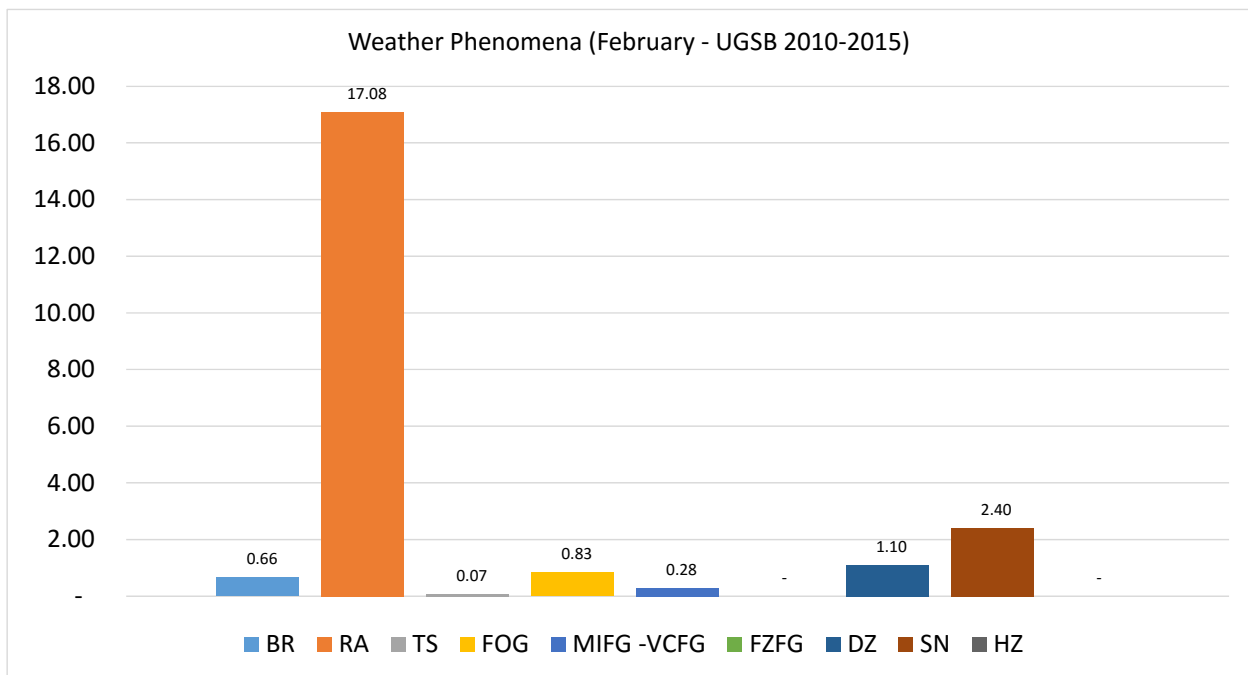
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.13	23.40	-	0.71	-	-	2.84	3.55	-
0030	1.77	18.58	-	0.88	-	-	5.31	1.77	-
0100	0.60	21.08	-	0.60	-	-	1.20	2.41	-
0130	-	17.70	-	0.88	-	-	1.77	3.54	-
0200	-	23.40	0.71	0.71	-	-	1.42	3.55	-
0230	0.88	18.58	-	0.88	-	-	2.65	2.65	-
0300	0.70	21.83	-	0.70	-	-	2.82	5.63	-
0330	-	18.10	-	0.86	-	-	1.72	2.59	-
0400	-	22.62	-	0.60	0.60	-	0.60	4.17	-
0430	-	18.75	-	-	1.79	-	-	3.57	-
0500	-	21.51	0.58	-	1.16	-	0.58	5.23	-
0530	0.89	18.75	-	-	1.79	-	0.89	2.68	-
0600	0.59	18.34	0.59	-	0.59	-	0.59	3.55	-
0630	-	16.22	-	-	0.90	-	0.90	2.70	-
0700	-	18.45	-	-	0.60	-	0.60	3.57	-
0730	-	13.39	-	0.89	-	-	0.89	2.68	-
0800	0.58	19.19	-	0.58	-	-	0.58	1.74	-
0830	-	14.04	-	0.88	0.88	-	0.88	2.63	-
0900	-	17.65	0.59	0.59	0.59	-	0.59	2.35	-
0930	-	14.04	-	0.88	0.88	-	-	3.51	-
1000	-	19.05	-	0.60	0.60	-	-	2.98	-
1030	-	12.17	-	0.87	0.87	-	0.87	4.35	-
1100	0.58	18.13	-	-	0.58	-	1.17	1.75	-
1130	-	13.04	-	-	1.74	-	0.87	0.87	-
1200	0.58	17.54	-	-	-	-	0.58	1.17	-
1230	0.88	10.62	-	0.88	-	-	0.88	0.88	-
1300	0.59	15.98	-	0.59	-	-	0.59	1.18	-
1330	-	12.39	-	0.88	-	-	0.88	1.77	-
1400	-	15.66	-	0.60	-	-	-	1.81	-
1430	-	13.39	-	1.79	-	-	-	1.79	-
1500	0.60	18.07	-	1.20	-	-	0.60	0.60	-
1530	-	14.78	-	0.87	-	-	-	2.61	-
1600	-	18.82	-	1.18	-	-	0.59	2.35	-
1630	-	15.04	-	1.77	-	-	0.88	0.88	-
1700	-	20.86	-	1.44	-	-	0.72	2.16	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	15.04	-	1.77	-	-	-	2.65	-
1800	-	16.92	-	1.54	-	-	0.77	2.31	-
1830	0.88	17.54	-	1.75	-	-	-	2.63	-
1900	0.65	16.23	-	1.30	-	-	-	1.95	-
1930	0.88	15.04	-	1.77	-	-	-	1.77	-
2000	0.83	15.83	0.83	1.67	-	-	0.83	1.67	-
2030	1.77	15.04	-	1.77	-	-	2.65	0.88	-
2100	3.51	12.28	-	0.88	-	-	3.51	0.88	-
2130	3.54	14.16	-	0.88	-	-	2.65	1.77	-
2200	2.08	15.97	-	0.69	-	-	0.69	1.39	-
2230	2.65	17.70	-	0.88	-	-	0.88	1.77	-
2300	1.75	18.42	-	0.88	-	-	1.75	2.63	-
2330	1.77	18.58	-	0.88	-	-	3.54	1.77	-
Mean	0.66	17.08	0.07	0.83	0.28	-	1.10	2.40	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in February are: rain – 17.08%, snow – 2.40%, drizzle – 1.10%.

The activity of thunderstorms in February constitutes 0.07%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

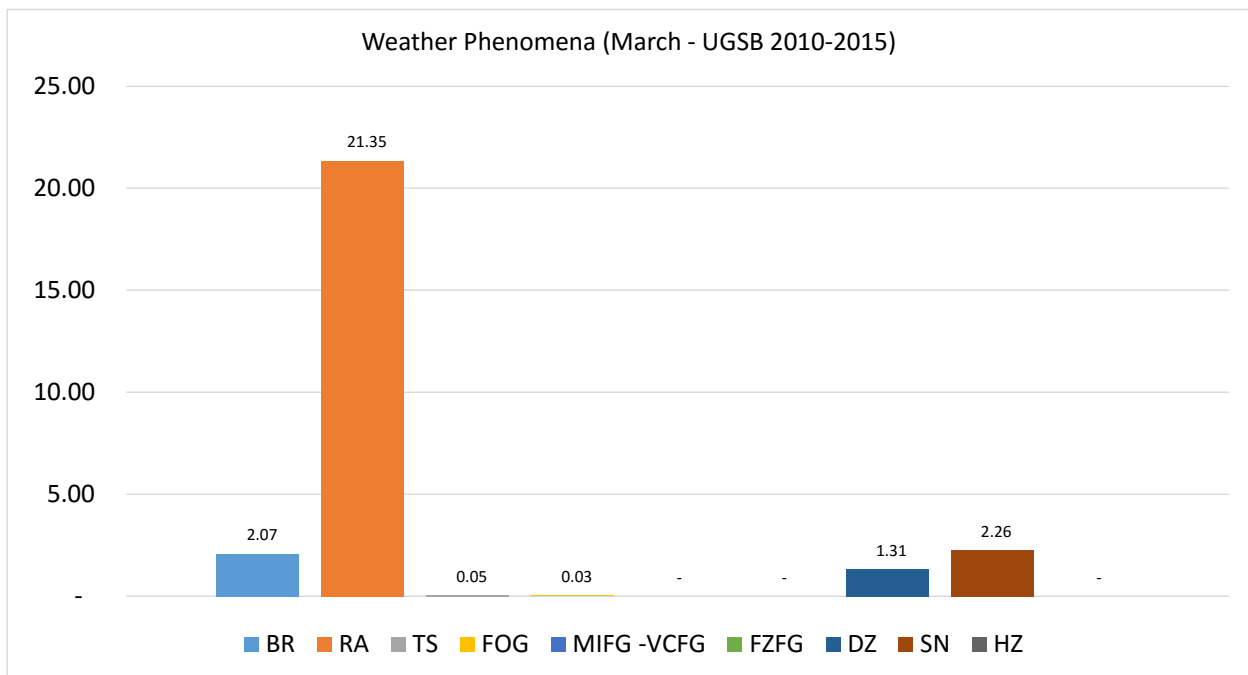
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.31	23.84	-	0.66	-	-	3.31	1.32	-
0030	4.03	17.74	-	-	-	-	4.03	1.61	-
0100	2.19	21.86	-	-	-	-	0.55	1.64	-
0130	3.25	17.89	-	-	-	-	2.44	4.88	-
0200	1.94	24.52	-	0.65	-	-	1.29	2.58	-
0230	1.63	21.14	-	-	-	-	2.44	2.44	-
0300	2.56	22.44	-	-	-	-	2.56	1.92	-
0330	2.38	19.05	-	-	-	-	0.79	1.59	-
0400	2.15	24.73	-	-	-	-	0.54	2.15	-
0430	0.81	25.20	-	-	-	-	0.81	5.69	-
0500	2.19	24.04	-	-	-	-	-	2.73	-
0530	2.46	21.31	-	-	-	-	1.64	5.74	-
0600	2.72	25.54	-	-	-	-	0.54	3.80	-
0630	3.31	22.31	-	-	-	-	1.65	4.96	-
0700	4.37	19.67	-	-	-	-	1.64	3.28	-
0730	2.44	19.51	-	-	-	-	-	4.07	-
0800	1.67	23.89	-	-	-	-	-	2.78	-
0830	1.65	19.01	0.83	-	-	-	-	1.65	-
0900	0.56	24.16	-	-	-	-	-	2.81	-
0930	0.82	21.31	-	-	-	-	-	4.92	-
1000	1.64	18.58	-	-	-	-	0.55	1.64	-
1030	-	21.95	-	-	-	-	0.81	2.44	-
1100	0.55	24.86	-	-	-	-	-	1.10	-
1130	-	21.49	-	-	-	-	-	3.31	-
1200	1.10	21.55	0.55	-	-	-	0.55	3.31	-
1230	1.63	22.76	-	-	-	-	-	4.88	-
1300	1.10	19.78	-	-	-	-	1.10	1.65	-
1330	1.61	21.77	-	-	-	-	-	-	-
1400	1.10	22.10	-	-	-	-	0.55	1.10	-
1430	0.83	21.67	-	-	-	-	0.83	-	-
1500	2.27	20.45	-	-	-	-	-	-	-
1530	3.28	20.49	-	-	-	-	-	-	-
1600	2.25	20.79	-	-	-	-	0.56	-	-
1630	1.65	19.01	0.83	-	-	-	0.83	0.83	-
1700	2.63	21.71	-	-	-	-	3.29	0.66	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.81	18.70	-	-	-	-	1.63	-	-
1800	3.42	20.55	-	-	-	-	2.74	2.05	-
1830	2.48	20.66	-	-	-	-	1.65	1.65	-
1900	2.31	21.39	-	-	-	-	1.16	0.58	-
1930	3.28	22.95	-	-	-	-	1.64	-	-
2000	2.19	21.90	-	-	-	-	1.46	2.19	-
2030	2.52	16.81	-	-	-	-	4.20	3.36	-
2100	4.76	18.25	-	-	-	-	3.97	2.38	-
2130	2.46	18.85	-	-	-	-	3.28	2.46	-
2200	1.31	18.95	-	-	-	-	1.31	1.96	-
2230	0.83	19.83	-	-	-	-	2.48	3.31	-
2300	2.46	24.59	-	-	-	-	0.82	3.28	-
2330	2.56	23.08	-	-	-	-	3.42	1.71	-
Mean	2.07	21.35	0.05	0.03	-	-	1.31	2.26	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in March are: rain – 21.35%, snow – 2.26%, mist – 2.07%.

The activity of thunderstorms in March constitutes 0.05%.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGSB

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

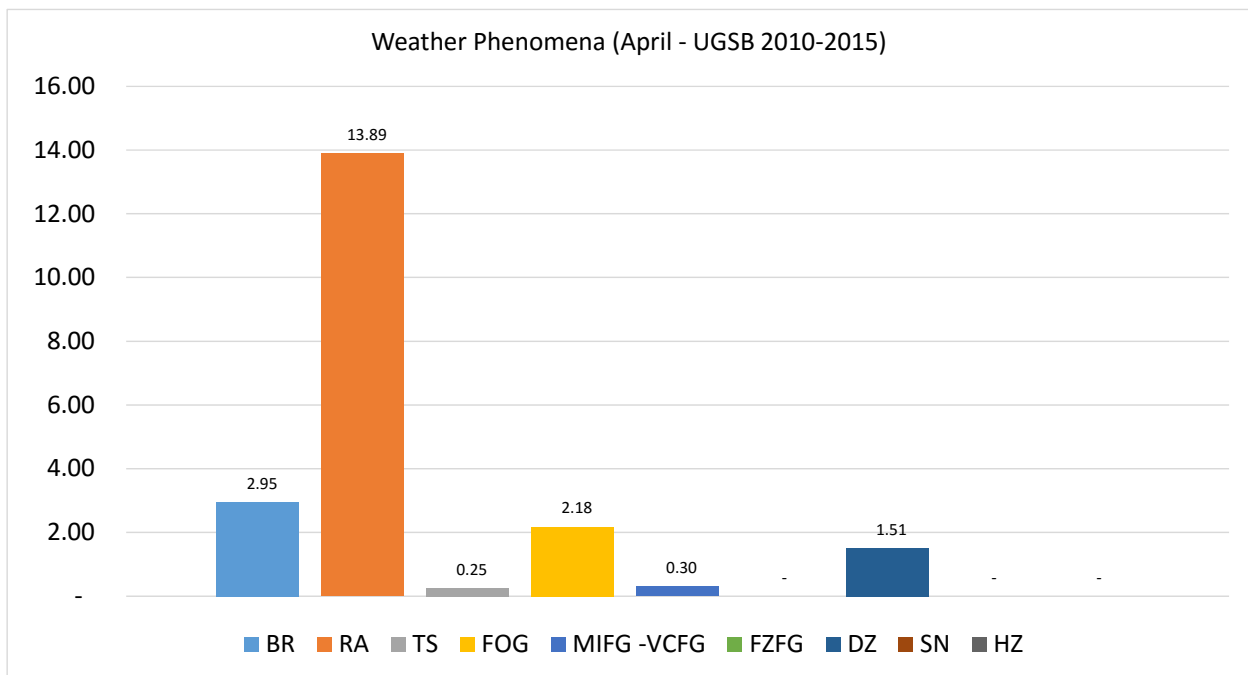
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.37	21.92	-	4.11	0.68	-	4.11	-	-
0030	2.46	10.66	-	4.92	-	-	5.74	-	-
0100	3.85	19.78	-	2.75	-	-	1.10	-	-
0130	4.10	13.11	-	4.10	-	-	1.64	-	-
0200	4.08	17.01	-	3.40	0.68	-	3.40	-	-
0230	2.50	11.67	-	4.17	-	-	3.33	-	-
0300	5.26	18.42	-	2.63	0.66	-	1.97	-	-
0330	3.28	12.30	-	3.28	1.64	-	3.28	-	-
0400	2.78	15.00	-	2.78	1.11	-	1.67	-	-
0430	2.46	12.30	-	2.46	-	-	-	-	-
0500	3.31	16.57	-	1.10	0.55	-	0.55	-	-
0530	2.50	15.00	-	1.67	0.83	-	-	-	-
0600	4.42	13.81	-	1.10	0.55	-	0.55	-	-
0630	1.63	13.82	-	1.63	0.81	-	0.81	-	-
0700	5.56	10.00	-	0.56	0.56	-	1.11	-	-
0730	4.10	8.20	-	0.82	0.82	-	-	-	-
0800	5.52	9.94	-	-	0.55	-	1.66	-	-
0830	3.25	8.13	-	0.81	0.81	-	0.81	-	-
0900	5.00	8.33	-	-	0.56	-	1.11	-	-
0930	4.13	9.09	-	-	-	-	0.83	-	-
1000	2.76	10.50	-	0.55	-	-	0.55	-	-
1030	3.31	11.57	0.83	-	-	-	-	-	-
1100	3.33	11.67	0.56	0.56	-	-	0.56	-	-
1130	4.96	12.40	1.65	-	-	-	-	-	-
1200	4.62	10.98	0.58	-	-	-	0.58	-	-
1230	3.39	13.56	0.85	-	-	-	-	-	-
1300	3.98	13.64	0.57	0.57	0.57	-	0.57	-	-
1330	3.28	13.93	0.82	-	0.82	-	0.82	-	-
1400	3.39	12.43	-	1.13	-	-	2.26	-	-
1430	2.48	13.22	-	0.83	-	-	0.83	-	-
1500	3.45	11.49	0.57	1.15	-	-	2.30	-	-
1530	1.65	17.36	1.65	2.48	-	-	1.65	-	-
1600	2.25	15.73	1.12	2.25	-	-	2.25	-	-
1630	1.64	17.21	1.64	1.64	-	-	1.64	-	-
1700	2.60	22.73	0.65	1.30	-	-	0.65	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.65	18.18	-	2.48	-	-	2.48	-	-
1800	2.68	15.44	0.67	2.68	-	-	2.01	-	-
1830	1.65	15.70	-	3.31	-	-	1.65	-	-
1900	1.14	14.20	-	2.27	-	-	2.27	-	-
1930	0.83	17.36	-	3.31	-	-	2.48	-	-
2000	2.19	15.33	-	2.92	0.73	-	1.46	-	-
2030	1.68	13.45	-	4.20	-	-	0.84	-	-
2100	2.38	13.49	-	3.97	-	-	2.38	-	-
2130	2.48	9.92	-	4.13	-	-	4.13	-	-
2200	2.03	10.81	-	4.73	0.68	-	2.70	-	-
2230	1.65	15.70	-	4.96	-	-	-	-	-
2300	0.81	17.07	-	5.69	0.81	-	0.81	-	-
2330	1.72	16.38	-	5.17	-	-	0.86	-	-
Mean	2.95	13.89	0.25	2.18	0.30	-	1.51	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in April are: rain – 13.89%, mist – 2.95%, fog – 2.18%.

The activity of thunderstorms in April constitutes 0.25%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7440

OBSERVATION INTERVAL: 30 MIN.

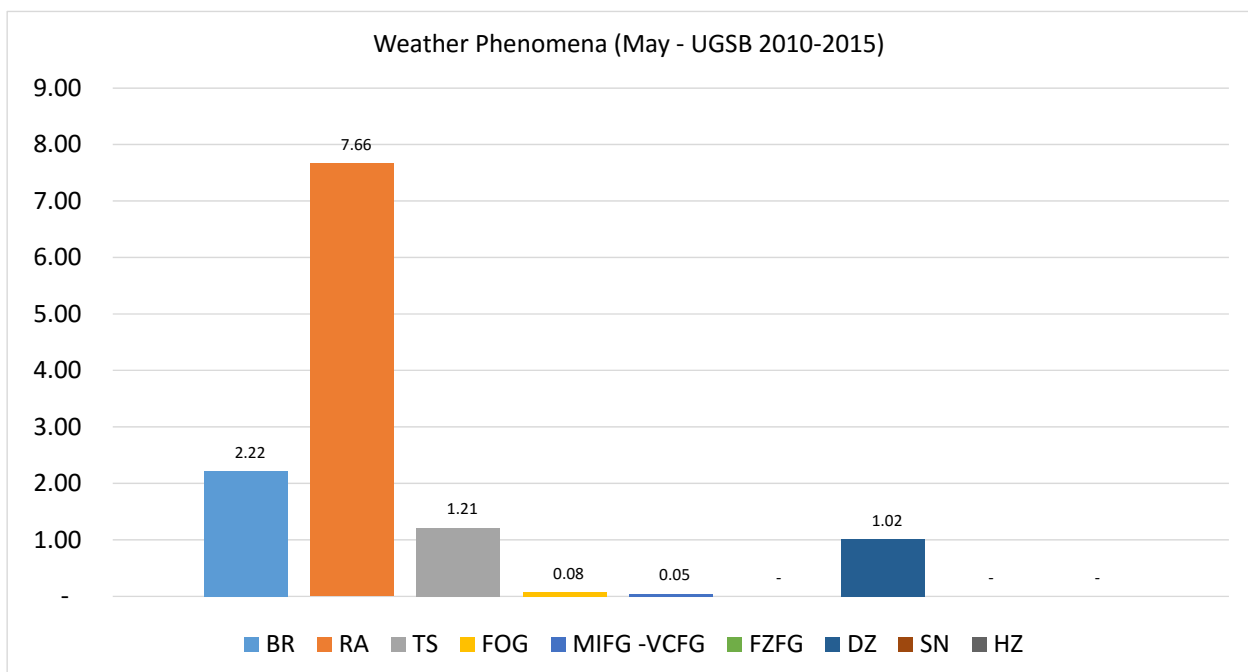
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.01	10.53	0.75	-	-	-	2.26	-	-
0030	4.84	11.29	0.81	-	-	-	1.61	-	-
0100	4.94	8.64	1.23	0.62	-	-	3.09	-	-
0130	6.40	8.80	0.80	0.80	-	-	1.60	-	-
0200	6.57	8.03	-	0.73	-	-	2.92	-	-
0230	6.45	8.06	-	0.81	-	-	1.61	-	-
0300	6.47	7.91	-	-	-	-	0.72	-	-
0330	6.40	9.60	0.80	-	0.80	-	0.80	-	-
0400	3.66	7.32	0.61	-	-	-	1.83	-	-
0430	4.84	8.87	0.81	-	-	-	0.81	-	-
0500	3.01	9.64	0.60	-	-	-	1.81	-	-
0530	2.46	5.74	-	-	-	-	1.64	-	-
0600	0.60	8.43	-	-	0.60	-	0.60	-	-
0630	-	6.50	-	-	0.81	-	-	-	-
0700	-	7.27	-	-	-	-	1.21	-	-
0730	-	5.69	-	-	-	-	-	-	-
0800	1.20	5.42	0.60	-	-	-	0.60	-	-
0830	0.80	4.00	-	-	-	-	-	-	-
0900	0.61	8.59	-	-	-	-	0.61	-	-
0930	-	4.92	-	-	-	-	-	-	-
1000	1.21	6.06	1.21	-	-	-	0.61	-	-
1030	-	5.65	0.81	-	-	-	-	-	-
1100	0.61	5.45	-	-	-	-	0.61	-	-
1130	0.80	3.20	0.80	-	-	-	1.60	-	-
1200	1.21	3.64	-	-	-	-	1.21	-	-
1230	1.60	4.80	1.60	-	-	-	1.60	-	-
1300	1.23	7.36	2.45	-	-	-	0.61	-	-
1330	0.81	6.50	3.25	-	-	-	0.81	-	-
1400	0.63	8.13	3.13	-	-	-	-	-	-
1430	-	9.68	5.65	-	-	-	-	-	-
1500	-	9.49	5.06	-	-	-	0.63	-	-
1530	0.81	12.90	4.03	-	-	-	0.81	-	-
1600	0.61	10.98	2.44	-	-	-	-	-	-
1630	0.81	9.68	1.61	-	-	-	-	-	-
1700	0.73	10.95	1.46	-	-	-	0.73	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.60	9.60	0.80	-	-	-	-	-	-
1800	1.47	5.88	0.74	-	-	-	-	-	-
1830	1.64	6.56	-	-	-	-	-	-	-
1900	1.28	5.77	1.28	-	-	-	0.64	-	-
1930	0.79	10.32	1.59	-	-	-	-	-	-
2000	2.29	7.63	2.29	-	-	-	0.76	-	-
2030	4.84	6.45	1.61	-	-	-	2.42	-	-
2100	4.76	6.35	2.38	-	-	-	2.38	-	-
2130	3.23	7.26	2.42	-	-	-	2.42	-	-
2200	2.65	5.96	0.66	-	-	-	3.31	-	-
2230	3.23	4.84	1.61	-	-	-	2.42	-	-
2300	2.33	10.08	1.55	-	-	-	0.78	-	-
2330	3.25	11.38	0.81	0.81	-	-	0.81	-	-
Mean	2.22	7.66	1.21	0.08	0.05	-	1.02	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in May are: rain – 7.66%, mist – 2.22%, drizzle – 1.02%.

The activity of thunderstorms in May constitutes 1.21%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7200

OBSERVATION INTERVAL: 30 MIN.

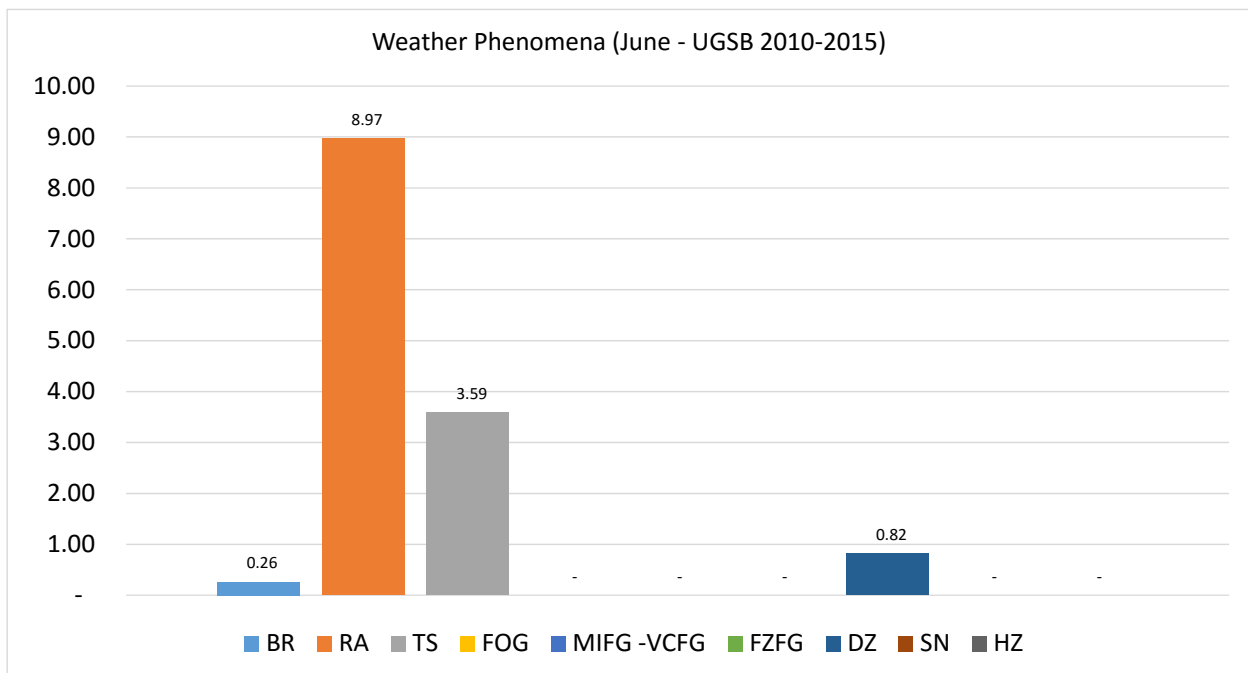
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	7.53	4.11	-	-	-	-	-	-
0030	0.75	6.72	3.73	-	-	-	1.49	-	-
0100	0.57	8.05	2.30	-	-	-	0.57	-	-
0130	-	9.70	2.99	-	-	-	2.24	-	-
0200	-	12.16	2.03	-	-	-	0.68	-	-
0230	-	10.45	3.73	-	-	-	0.75	-	-
0300	-	10.00	3.53	-	-	-	-	-	-
0330	-	10.29	2.21	-	-	-	-	-	-
0400	-	9.55	2.81	-	-	-	1.12	-	-
0430	0.73	6.57	2.92	-	-	-	1.46	-	-
0500	-	7.30	1.12	-	-	-	1.69	-	-
0530	-	5.84	0.73	-	-	-	3.65	-	-
0600	-	9.44	0.56	-	-	-	1.67	-	-
0630	0.75	7.46	2.24	-	-	-	1.49	-	-
0700	0.55	6.63	2.21	-	-	-	1.10	-	-
0730	0.74	6.67	0.74	-	-	-	1.48	-	-
0800	1.67	6.11	1.67	-	-	-	1.11	-	-
0830	2.96	8.89	2.22	-	-	-	1.48	-	-
0900	0.56	6.74	1.12	-	-	-	0.56	-	-
0930	-	8.03	1.46	-	-	-	1.46	-	-
1000	-	6.18	-	-	-	-	0.56	-	-
1030	0.73	3.65	-	-	-	-	1.46	-	-
1100	0.57	4.55	0.57	-	-	-	-	-	-
1130	0.72	5.04	1.44	-	-	-	0.72	-	-
1200	0.56	6.21	1.69	-	-	-	0.56	-	-
1230	0.74	8.09	2.94	-	-	-	1.47	-	-
1300	-	7.87	4.49	-	-	-	1.12	-	-
1330	-	14.49	5.80	-	-	-	0.72	-	-
1400	-	9.60	4.52	-	-	-	-	-	-
1430	-	9.63	2.96	-	-	-	-	-	-
1500	-	10.34	4.60	-	-	-	-	-	-
1530	-	11.03	5.15	-	-	-	-	-	-
1600	-	12.22	7.22	-	-	-	0.56	-	-
1630	-	14.39	6.47	-	-	-	0.72	-	-
1700	-	17.76	9.87	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	8.76	9.49	-	-	-	-	-	-
1800	-	12.00	5.33	-	-	-	1.33	-	-
1830	-	9.49	5.84	-	-	-	0.73	-	-
1900	-	11.17	4.47	-	-	-	-	-	-
1930	-	10.95	9.49	-	-	-	-	-	-
2000	-	10.46	5.88	-	-	-	-	-	-
2030	-	10.14	5.80	-	-	-	0.72	-	-
2100	-	9.15	5.23	-	-	-	0.65	-	-
2130	-	5.84	4.38	-	-	-	0.73	-	-
2200	-	8.99	3.37	-	-	-	0.56	-	-
2230	-	8.82	2.94	-	-	-	1.47	-	-
2300	-	10.60	3.31	-	-	-	1.32	-	-
2330	-	9.02	4.51	-	-	-	-	-	-
Mean	0.26	8.97	3.59	-	-	-	0.82	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in June are: rain – 8.97%, drizzle – 0.82%, mist – 0.26%.

The activity of thunderstorms in June constitutes 3.59%.



**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGSB

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

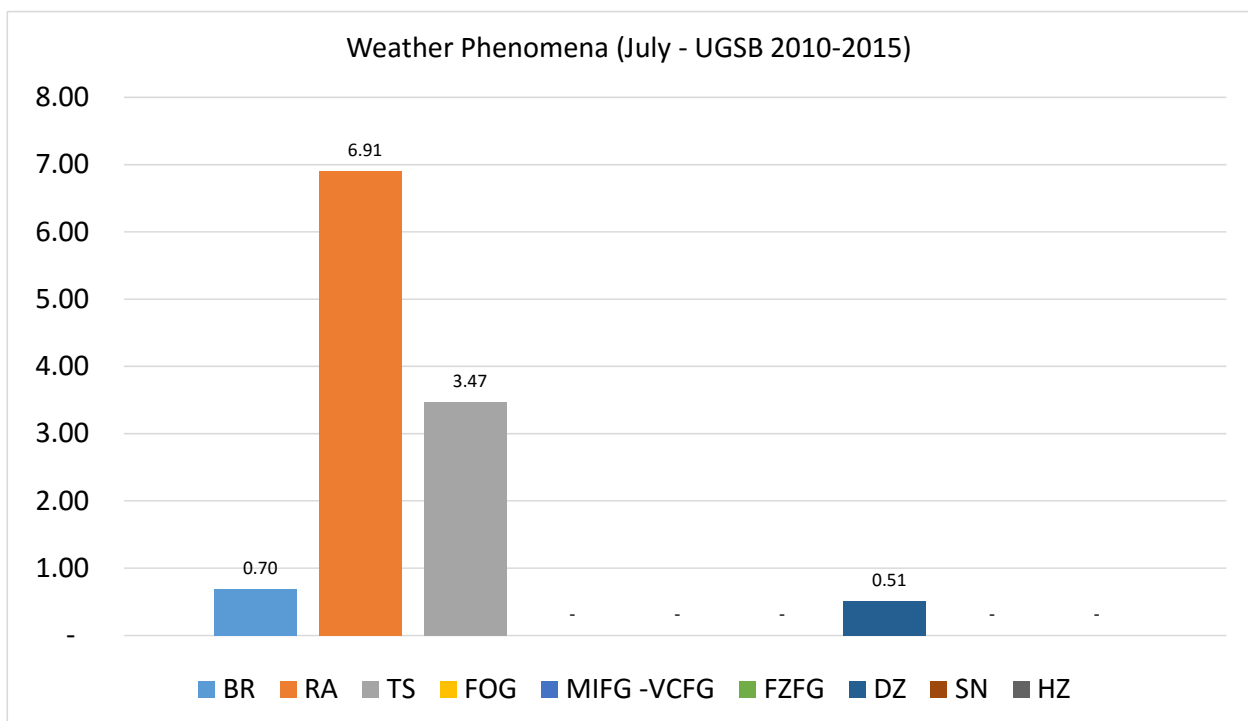
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.32	7.89	3.29	-	-	-	0.66	-	-
0030	1.29	6.45	3.87	-	-	-	-	-	-
0100	1.11	5.56	3.33	-	-	-	0.56	-	-
0130	1.95	6.49	4.55	-	-	-	1.30	-	-
0200	1.21	9.09	3.64	-	-	-	0.61	-	-
0230	1.91	8.28	3.18	-	-	-	1.91	-	-
0300	1.75	7.60	4.09	-	-	-	1.17	-	-
0330	1.29	7.10	5.16	-	-	-	0.65	-	-
0400	0.55	9.29	4.92	-	-	-	-	-	-
0430	1.23	10.43	3.68	-	-	-	0.61	-	-
0500	1.10	8.79	3.85	-	-	-	0.55	-	-
0530	1.95	6.49	2.60	-	-	-	1.30	-	-
0600	1.09	7.10	2.73	-	-	-	-	-	-
0630	0.65	6.54	1.31	-	-	-	1.31	-	-
0700	1.08	6.49	2.70	-	-	-	1.08	-	-
0730	1.30	5.84	1.30	-	-	-	0.65	-	-
0800	1.09	6.01	2.19	-	-	-	0.55	-	-
0830	0.65	5.23	1.96	-	-	-	1.31	-	-
0900	0.54	4.89	1.63	-	-	-	1.09	-	-
0930	0.65	4.58	0.65	-	-	-	0.65	-	-
1000	1.09	3.83	-	-	-	-	1.09	-	-
1030	-	4.58	-	-	-	-	0.65	-	-
1100	-	3.83	0.55	-	-	-	-	-	-
1130	-	3.25	1.30	-	-	-	0.65	-	-
1200	-	2.75	1.10	-	-	-	-	-	-
1230	-	2.60	1.30	-	-	-	-	-	-
1300	-	2.17	2.17	-	-	-	-	-	-
1330	-	3.25	1.30	-	-	-	-	-	-
1400	0.56	6.15	2.79	-	-	-	-	-	-
1430	-	3.87	2.58	-	-	-	-	-	-
1500	-	4.95	2.75	-	-	-	-	-	-
1530	-	6.58	3.95	-	-	-	0.66	-	-
1600	0.55	4.97	3.87	-	-	-	-	-	-
1630	0.65	6.49	4.55	-	-	-	-	-	-
1700	0.60	11.38	4.79	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.65	10.46	7.19	-	-	-	-	-	-
1800	1.19	8.93	6.55	-	-	-	-	-	-
1830	0.65	8.44	5.84	-	-	-	-	-	-
1900	-	9.29	6.01	-	-	-	-	-	-
1930	-	8.50	5.23	-	-	-	0.65	-	-
2000	0.63	10.00	6.25	-	-	-	-	-	-
2030	-	9.21	7.89	-	-	-	0.66	-	-
2100	0.63	10.76	5.06	-	-	-	0.63	-	-
2130	-	12.34	3.25	-	-	-	0.65	-	-
2200	0.55	9.39	4.42	-	-	-	0.55	-	-
2230	0.64	7.05	5.13	-	-	-	0.64	-	-
2300	0.62	8.70	5.59	-	-	-	0.62	-	-
2330	0.65	7.84	4.58	-	-	-	1.31	-	-
Mean	0.70	6.91	3.47	-	-	-	0.51	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in July are: rain – 6.91%, mist – 0.70%, drizzle – 0.51%.

The activity of thunderstorms in July constitutes 3.47%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

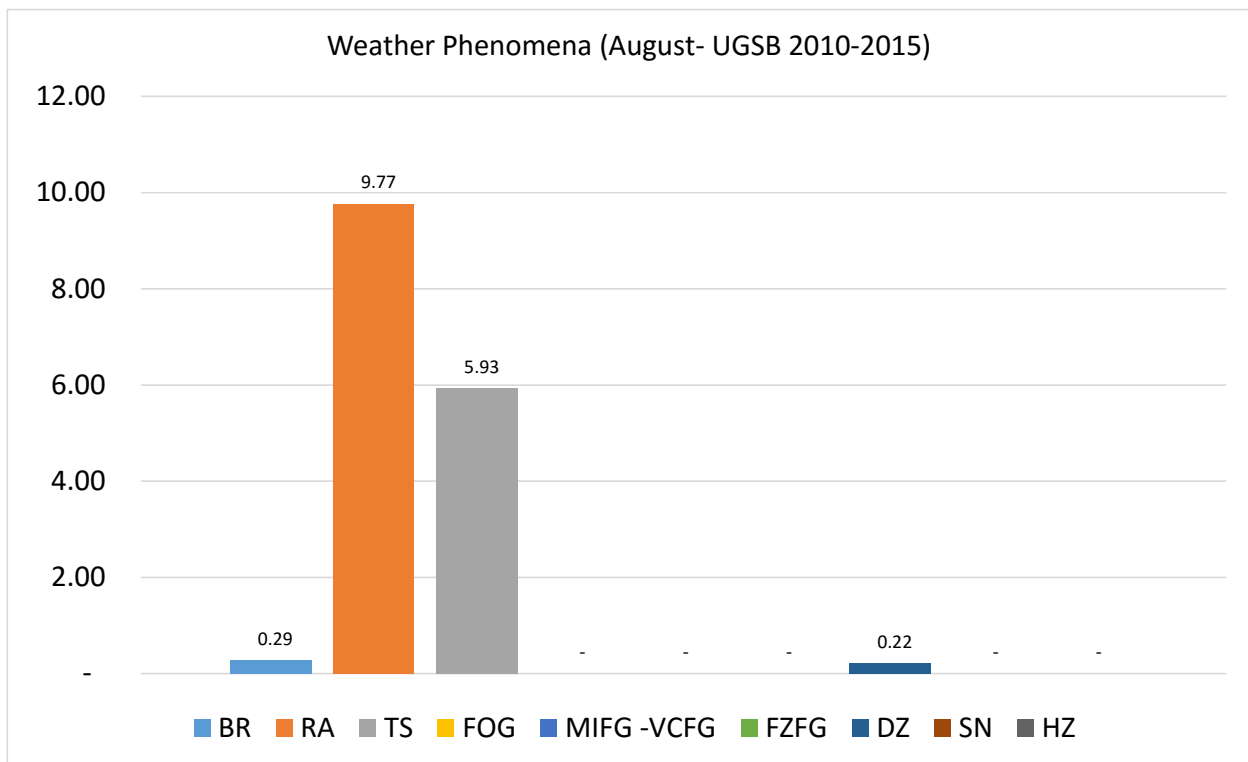
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	9.88	9.88	-	-	-	0.62	-	-
0030	-	9.03	8.39	-	-	-	-	-	-
0100	-	8.89	8.89	-	-	-	-	-	-
0130	-	7.64	8.28	-	-	-	1.27	-	-
0200	-	10.24	4.22	-	-	-	-	-	-
0230	-	9.55	3.82	-	-	-	0.64	-	-
0300	-	10.87	5.43	-	-	-	-	-	-
0330	-	13.46	3.85	-	-	-	-	-	-
0400	-	11.83	5.91	-	-	-	-	-	-
0430	0.63	7.55	5.66	-	-	-	0.63	-	-
0500	-	10.16	6.95	-	-	-	-	-	-
0530	0.63	12.03	9.49	-	-	-	-	-	-
0600	0.55	11.05	6.63	-	-	-	0.55	-	-
0630	0.63	7.55	1.89	-	-	-	-	-	-
0700	0.53	6.38	2.66	-	-	-	0.53	-	-
0730	1.28	5.13	3.21	-	-	-	-	-	-
0800	0.53	6.42	2.67	-	-	-	-	-	-
0830	0.65	7.74	1.29	-	-	-	-	-	-
0900	0.54	6.49	1.62	-	-	-	-	-	-
0930	1.27	5.73	3.82	-	-	-	-	-	-
1000	0.53	5.29	2.65	-	-	-	-	-	-
1030	0.64	6.37	1.91	-	-	-	-	-	-
1100	-	3.76	1.61	-	-	-	-	-	-
1130	-	4.40	3.14	-	-	-	-	-	-
1200	-	5.38	3.76	-	-	-	-	-	-
1230	-	5.13	3.21	-	-	-	-	-	-
1300	-	6.91	3.72	-	-	-	-	-	-
1330	-	11.32	4.40	-	-	-	-	-	-
1400	-	7.41	3.17	-	-	-	-	-	-
1430	0.64	11.54	3.85	-	-	-	-	-	-
1500	0.55	9.29	3.28	-	-	-	-	-	-
1530	0.63	12.58	5.66	-	-	-	-	-	-
1600	1.07	12.30	5.35	-	-	-	1.07	-	-
1630	-	14.38	6.88	-	-	-	-	-	-
1700	-	9.55	8.99	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.64	12.18	7.05	-	-	-	-	-	-
1800	-	14.71	10.59	-	-	-	-	-	-
1830	0.64	13.46	8.97	-	-	-	-	-	-
1900	-	11.60	9.39	-	-	-	-	-	-
1930	0.65	15.58	9.09	-	-	-	-	-	-
2000	0.58	12.79	10.47	-	-	-	-	-	-
2030	-	15.29	14.01	-	-	-	-	-	-
2100	-	15.24	8.54	-	-	-	1.83	-	-
2130	-	12.66	8.86	-	-	-	2.53	-	-
2200	-	10.73	5.08	-	-	-	-	-	-
2230	-	11.46	8.28	-	-	-	-	-	-
2300	-	12.27	8.59	-	-	-	-	-	-
2330	-	7.79	9.74	-	-	-	0.65	-	-
Mean	0.29	9.77	5.93	-	-	-	0.22	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in August are: rain – 9.77%, mist – 0.29%, drizzle – 0.22%.

The activity of thunderstorms in August constitutes 5.93%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7920

OBSERVATION INTERVAL: 30 MIN.

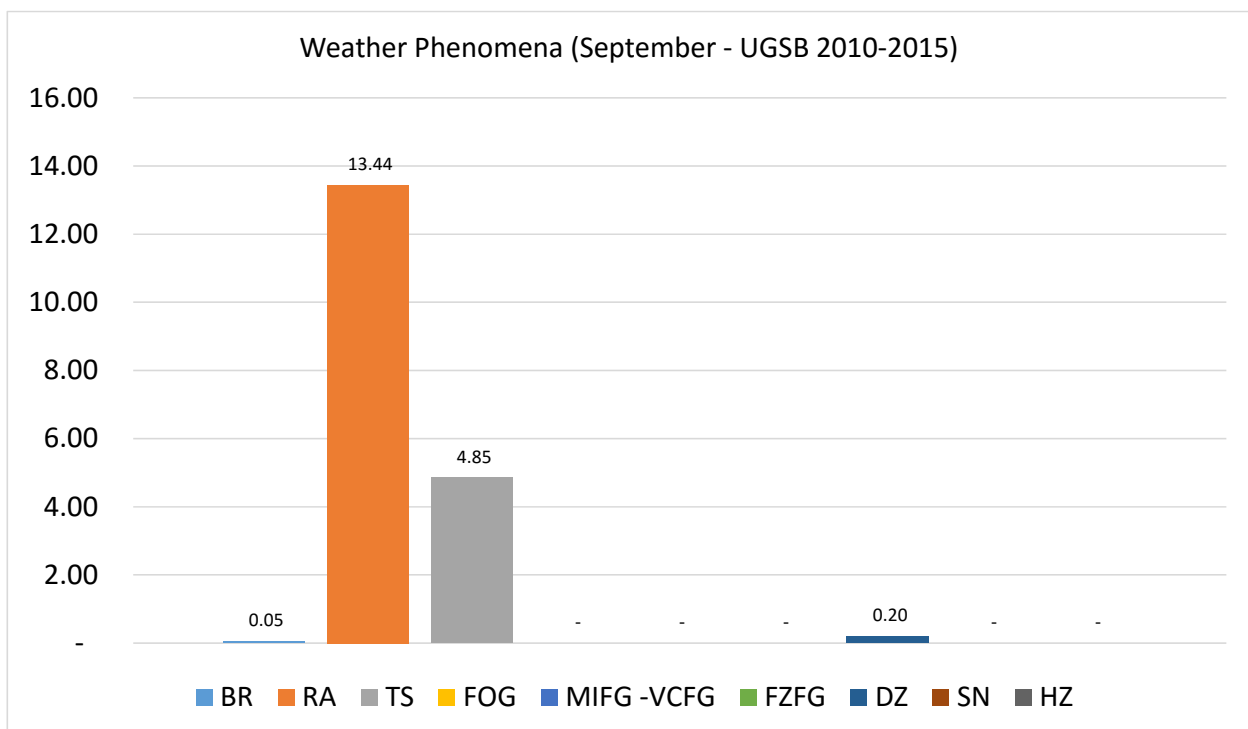
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	12.18	7.69	-	-	-	-	-	-
0030	-	12.84	6.08	-	-	-	0.68	-	-
0100	-	16.67	5.75	-	-	-	0.57	-	-
0130	-	14.77	4.70	-	-	-	-	-	-
0200	-	14.84	5.16	-	-	-	-	-	-
0230	-	15.33	5.33	-	-	-	0.67	-	-
0300	-	16.67	3.70	-	-	-	-	-	-
0330	0.67	17.33	6.00	-	-	-	-	-	-
0400	-	15.25	5.65	-	-	-	-	-	-
0430	0.67	14.00	6.00	-	-	-	-	-	-
0500	0.56	16.29	6.18	-	-	-	-	-	-
0530	-	15.86	4.83	-	-	-	0.69	-	-
0600	-	11.80	5.06	-	-	-	0.56	-	-
0630	-	12.16	4.05	-	-	-	0.68	-	-
0700	-	12.43	3.95	-	-	-	0.56	-	-
0730	-	14.29	3.40	-	-	-	-	-	-
0800	-	11.80	4.49	-	-	-	-	-	-
0830	0.68	11.49	4.05	-	-	-	-	-	-
0900	-	10.73	3.39	-	-	-	-	-	-
0930	-	11.64	2.05	-	-	-	-	-	-
1000	-	7.34	2.26	-	-	-	-	-	-
1030	-	11.33	2.67	-	-	-	-	-	-
1100	-	6.18	2.25	-	-	-	-	-	-
1130	-	12.24	3.40	-	-	-	-	-	-
1200	-	11.30	3.95	-	-	-	-	-	-
1230	-	11.49	4.05	-	-	-	-	-	-
1300	-	13.07	3.41	-	-	-	-	-	-
1330	-	10.81	4.73	-	-	-	-	-	-
1400	-	12.00	6.29	-	-	-	-	-	-
1430	-	12.24	4.08	-	-	-	-	-	-
1500	-	14.86	6.29	-	-	-	-	-	-
1530	-	12.24	3.40	-	-	-	-	-	-
1600	-	11.86	5.08	-	-	-	-	-	-
1630	-	14.86	4.73	-	-	-	-	-	-
1700	-	14.86	6.29	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	13.42	5.37	-	-	-	-	-	-
1800	-	13.38	3.82	-	-	-	-	-	-
1830	-	14.09	5.37	-	-	-	-	-	-
1900	-	15.17	6.74	-	-	-	-	-	-
1930	-	17.57	4.73	-	-	-	-	-	-
2000	-	16.05	3.09	-	-	-	-	-	-
2030	-	15.33	8.00	-	-	-	-	-	-
2100	-	14.29	5.19	-	-	-	1.30	-	-
2130	-	12.16	4.73	-	-	-	2.03	-	-
2200	-	15.43	6.29	-	-	-	1.14	-	-
2230	-	14.38	6.16	-	-	-	-	-	-
2300	-	16.03	7.69	-	-	-	-	-	-
2330	-	12.84	5.41	-	-	-	0.68	-	-
Mean	0.05	13.44	4.85	-	-	-	0.20	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in September are: rain – 13.44%, drizzle – 0.20%, mist – 0.05%.

The activity of thunderstorms in September constitutes 4.85%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

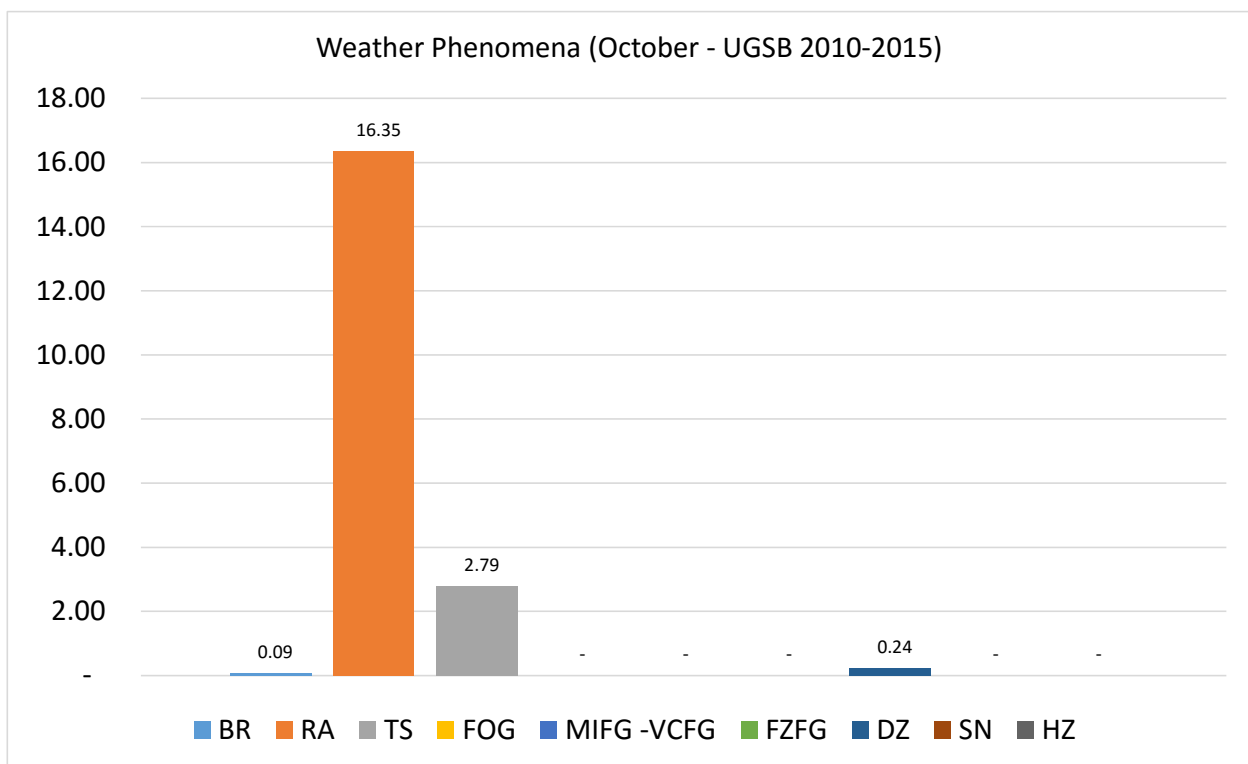
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	18.07	4.22	-	-	-	0.60	-	-
0030	-	18.87	3.77	-	-	-	0.63	-	-
0100	-	18.18	4.28	-	-	-	1.60	-	-
0130	-	17.83	2.55	-	-	-	1.27	-	-
0200	-	17.03	3.30	-	-	-	-	-	-
0230	-	16.23	2.60	-	-	-	-	-	-
0300	-	14.75	2.73	-	-	-	-	-	-
0330	-	15.29	3.18	-	-	-	0.64	-	-
0400	-	19.15	3.19	-	-	-	-	-	-
0430	-	14.65	3.82	-	-	-	-	-	-
0500	-	18.62	3.72	-	-	-	-	-	-
0530	-	15.38	5.77	-	-	-	-	-	-
0600	-	13.83	2.66	-	-	-	-	-	-
0630	0.65	13.73	3.27	-	-	-	-	-	-
0700	-	15.59	3.23	-	-	-	-	-	-
0730	-	14.94	2.60	-	-	-	-	-	-
0800	-	17.03	1.65	-	-	-	-	-	-
0830	-	14.38	0.65	-	-	-	-	-	-
0900	0.55	13.74	1.10	-	-	-	-	-	-
0930	-	15.23	1.99	-	-	-	-	-	-
1000	-	13.74	1.65	-	-	-	-	-	-
1030	0.66	10.53	0.66	-	-	-	-	-	-
1100	0.55	13.74	1.10	-	-	-	0.55	-	-
1130	0.65	12.90	1.29	-	-	-	-	-	-
1200	-	15.76	2.17	-	-	-	0.54	-	-
1230	0.65	16.23	1.95	-	-	-	-	-	-
1300	0.54	17.20	2.15	-	-	-	-	-	-
1330	-	12.82	1.28	-	-	-	-	-	-
1400	-	16.04	2.67	-	-	-	0.53	-	-
1430	-	14.19	3.87	-	-	-	-	-	-
1500	-	20.11	2.12	-	-	-	-	-	-
1530	-	17.42	1.94	-	-	-	-	-	-
1600	-	17.65	3.21	-	-	-	-	-	-
1630	-	13.38	2.55	-	-	-	-	-	-
1700	-	15.59	2.69	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	15.19	3.16	-	-	-	0.63	-	-
1800	-	15.47	4.42	-	-	-	-	-	-
1830	-	19.38	6.88	-	-	-	-	-	-
1900	-	17.65	5.88	-	-	-	-	-	-
1930	-	18.47	4.46	-	-	-	-	-	-
2000	-	20.32	2.14	-	-	-	-	-	-
2030	-	18.59	1.28	-	-	-	1.28	-	-
2100	-	19.55	2.79	-	-	-	1.12	-	-
2130	-	16.77	2.58	-	-	-	1.29	-	-
2200	-	18.18	2.14	-	-	-	-	-	-
2230	-	15.82	2.53	-	-	-	-	-	-
2300	-	20.43	1.61	-	-	-	-	-	-
2330	-	19.08	2.63	-	-	-	0.66	-	-
Mean	0.09	16.35	2.79	-	-	-	0.24	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in October are: rain – 16.36%, drizzle – 0.24%, mist – 0.09%.

The activity of thunderstorms in October constitutes 2.79%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 7920

OBSERVATION INTERVAL: 30 MIN.

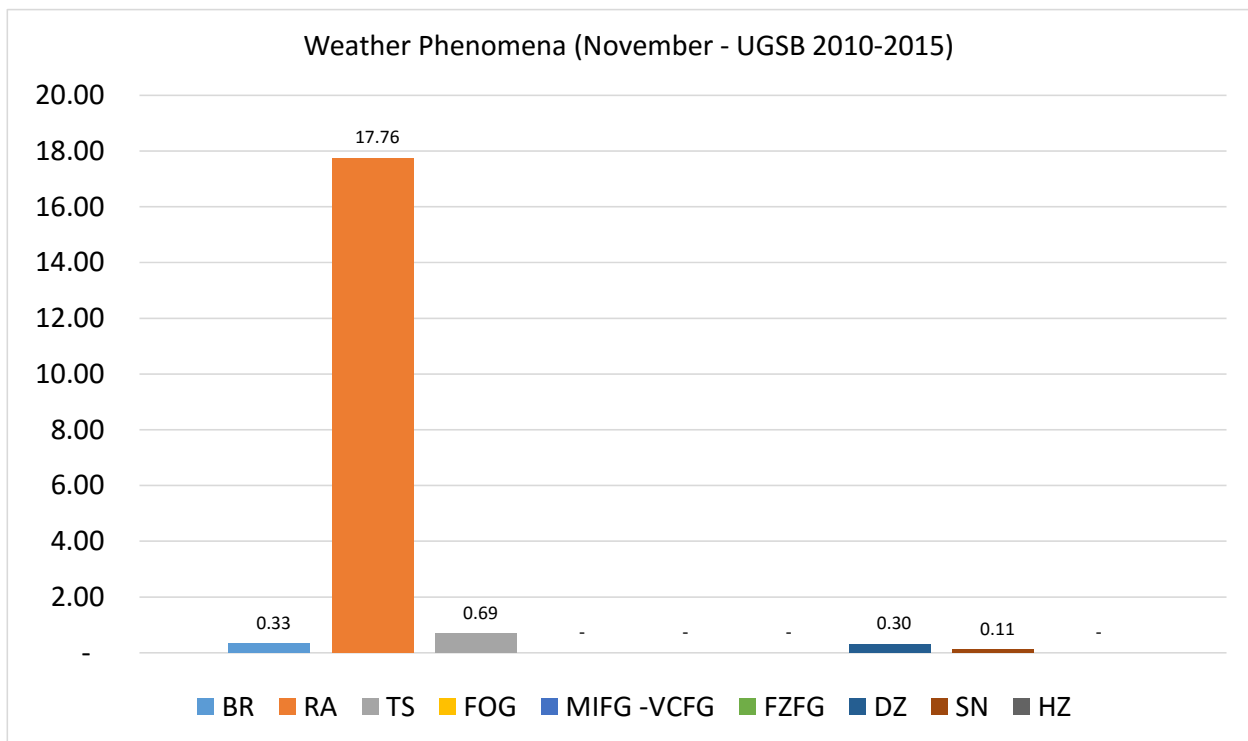
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	13.87	0.58	-	-	-	1.16	-	-
0030	-	18.67	-	-	-	-	1.33	0.67	-
0100	-	13.48	1.12	-	-	-	-	0.56	-
0130	-	17.93	2.07	-	-	-	0.69	-	-
0200	-	14.44	1.67	-	-	-	0.56	-	-
0230	-	17.57	-	-	-	-	-	-	-
0300	-	15.00	-	-	-	-	0.56	0.56	-
0330	-	20.13	-	-	-	-	-	0.67	-
0400	-	16.85	0.56	-	-	-	-	0.56	-
0430	-	16.78	0.67	-	-	-	-	-	-
0500	-	14.53	0.56	-	-	-	-	-	-
0530	-	19.59	1.35	-	-	-	-	-	-
0600	-	16.29	1.12	-	-	-	-	-	-
0630	0.68	17.57	1.35	-	-	-	-	-	-
0700	0.57	16.48	0.57	-	-	-	-	-	-
0730	0.68	17.01	-	-	-	-	-	-	-
0800	-	16.76	-	-	-	-	-	-	-
0830	0.68	19.73	-	-	-	-	-	-	-
0900	0.56	18.08	0.56	-	-	-	-	-	-
0930	0.67	19.33	0.67	-	-	-	-	-	-
1000	0.55	15.47	-	-	-	-	-	-	-
1030	0.66	17.88	1.32	-	-	-	-	-	-
1100	0.56	16.85	0.56	-	-	-	-	-	-
1130	1.35	22.30	0.68	-	-	-	-	0.68	-
1200	0.57	17.14	0.57	-	-	-	-	-	-
1230	0.68	21.77	2.04	-	-	-	-	-	-
1300	1.13	17.51	0.56	-	-	-	-	-	-
1330	0.67	20.13	-	-	-	-	-	-	-
1400	0.56	17.98	1.12	-	-	-	-	-	-
1430	-	19.05	0.68	-	-	-	-	-	-
1500	0.57	15.91	0.57	-	-	-	-	-	-
1530	-	20.81	-	-	-	-	-	-	-
1600	-	18.99	-	-	-	-	-	-	-
1630	-	19.73	-	-	-	-	-	-	-
1700	-	14.53	-	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.36	16.33	-	-	-	-	-	-	-
1800	0.56	18.99	0.56	-	-	-	-	-	-
1830	0.67	21.48	0.67	-	-	-	0.67	-	-
1900	0.56	16.76	0.56	-	-	-	-	-	-
1930	0.68	20.95	1.35	-	-	-	-	-	-
2000	-	16.29	1.12	-	-	-	-	-	-
2030	0.68	17.81	1.37	-	-	-	2.05	-	-
2100	-	18.64	0.56	-	-	-	1.69	0.56	-
2130	-	18.92	1.35	-	-	-	2.70	-	-
2200	-	15.25	1.13	-	-	-	-	0.56	-
2230	-	17.57	0.68	-	-	-	0.68	0.68	-
2300	-	16.67	-	-	-	-	1.67	-	-
2330	-	20.55	2.74	-	-	-	0.68	-	-
Mean	0.33	17.76	0.69	-	-	-	0.30	0.11	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in November are: rain – 17.76%, mist – 0.33%, drizzle – 0.30%.

The activity of thunderstorms in November constitutes 0.69%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 8184

OBSERVATION INTERVAL: 30 MIN.

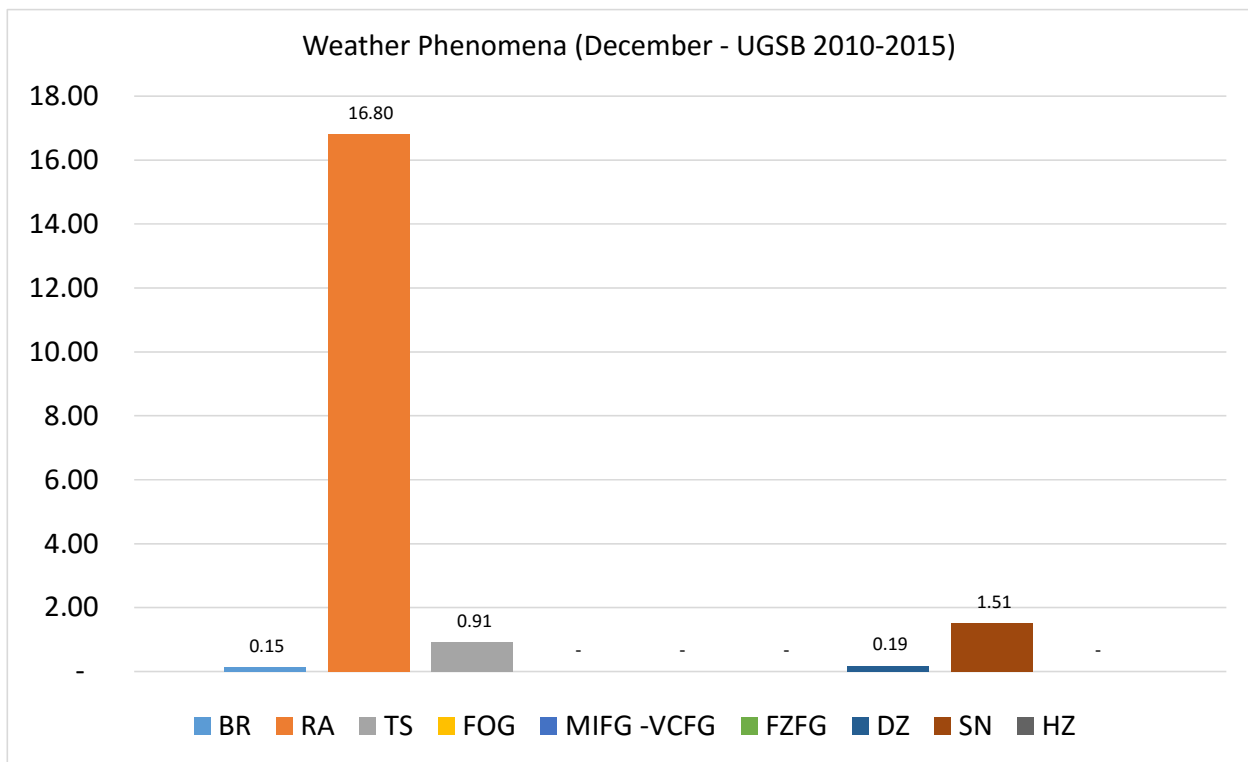
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	16.57	-	-	-	-	-	1.10	-
0030	-	18.59	0.64	-	-	-	1.28	1.28	-
0100	-	16.30	1.09	-	-	-	-	1.09	-
0130	-	17.42	0.65	-	-	-	0.65	1.94	-
0200	0.55	13.66	-	-	-	-	-	1.09	-
0230	-	15.38	-	-	-	-	-	0.64	-
0300	-	12.43	0.54	-	-	-	0.54	0.54	-
0330	-	13.64	0.65	-	-	-	1.30	1.30	-
0400	-	12.97	-	-	-	-	-	1.08	-
0430	-	14.38	1.96	-	-	-	-	1.31	-
0500	-	13.59	2.72	-	-	-	0.54	1.09	-
0530	-	16.34	0.65	-	-	-	-	1.96	-
0600	-	14.52	2.15	-	-	-	-	2.15	-
0630	-	13.07	1.31	-	-	-	-	1.96	-
0700	-	13.44	1.08	-	-	-	-	2.15	-
0730	-	16.88	1.95	-	-	-	-	2.60	-
0800	-	14.59	2.16	-	-	-	-	2.16	-
0830	-	19.21	0.66	-	-	-	0.66	3.31	-
0900	-	15.59	1.08	-	-	-	-	2.69	-
0930	-	20.95	-	-	-	-	-	3.38	-
1000	-	16.13	-	-	-	-	-	1.08	-
1030	-	18.00	-	-	-	-	-	1.33	-
1100	-	15.30	0.55	-	-	-	-	1.64	-
1130	-	18.49	-	-	-	-	-	2.05	-
1200	-	18.89	-	-	-	-	-	1.11	-
1230	-	20.78	-	-	-	-	-	0.65	-
1300	-	18.92	0.54	-	-	-	-	1.08	-
1330	0.66	22.37	0.66	-	-	-	-	1.97	-
1400	-	19.13	1.64	-	-	-	-	1.09	-
1430	-	19.08	0.66	-	-	-	-	1.97	-
1500	0.55	21.98	-	-	-	-	-	2.20	-
1530	0.65	20.26	0.65	-	-	-	-	1.31	-
1600	0.54	17.30	0.54	-	-	-	-	1.08	-
1630	0.65	20.92	1.96	-	-	-	-	1.31	-
1700	0.54	18.48	-	-	-	-	-	2.17	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	19.08	1.97	-	-	-	-	1.32	-
1800	0.54	18.28	2.15	-	-	-	-	1.08	-
1830	0.64	17.20	1.91	-	-	-	-	1.27	-
1900	-	17.65	0.53	-	-	-	-	1.07	-
1930	0.65	18.06	1.94	-	-	-	-	0.65	-
2000	-	15.68	2.16	-	-	-	-	0.54	-
2030	-	13.64	0.65	-	-	-	0.65	0.65	-
2100	1.08	13.51	0.54	-	-	-	1.08	1.08	-
2130	-	16.13	0.65	-	-	-	2.58	1.94	-
2200	-	15.30	1.64	-	-	-	-	1.09	-
2230	-	18.06	1.29	-	-	-	-	1.94	-
2300	-	12.57	1.09	-	-	-	-	1.64	-
2330	-	15.69	0.65	-	-	-	-	1.31	-
Mean	0.15	16.80	0.91	-	-	-	0.19	1.51	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in December are: rain – 16.80%, snow – 1.51%, drizzle – 0.19%.

The activity of thunderstorms in December constitutes 0.91%.



## WEATHER PHENOMENA PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

SEASON: WINTER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 21648

OBSERVATION INTERVAL: 30 MIN.

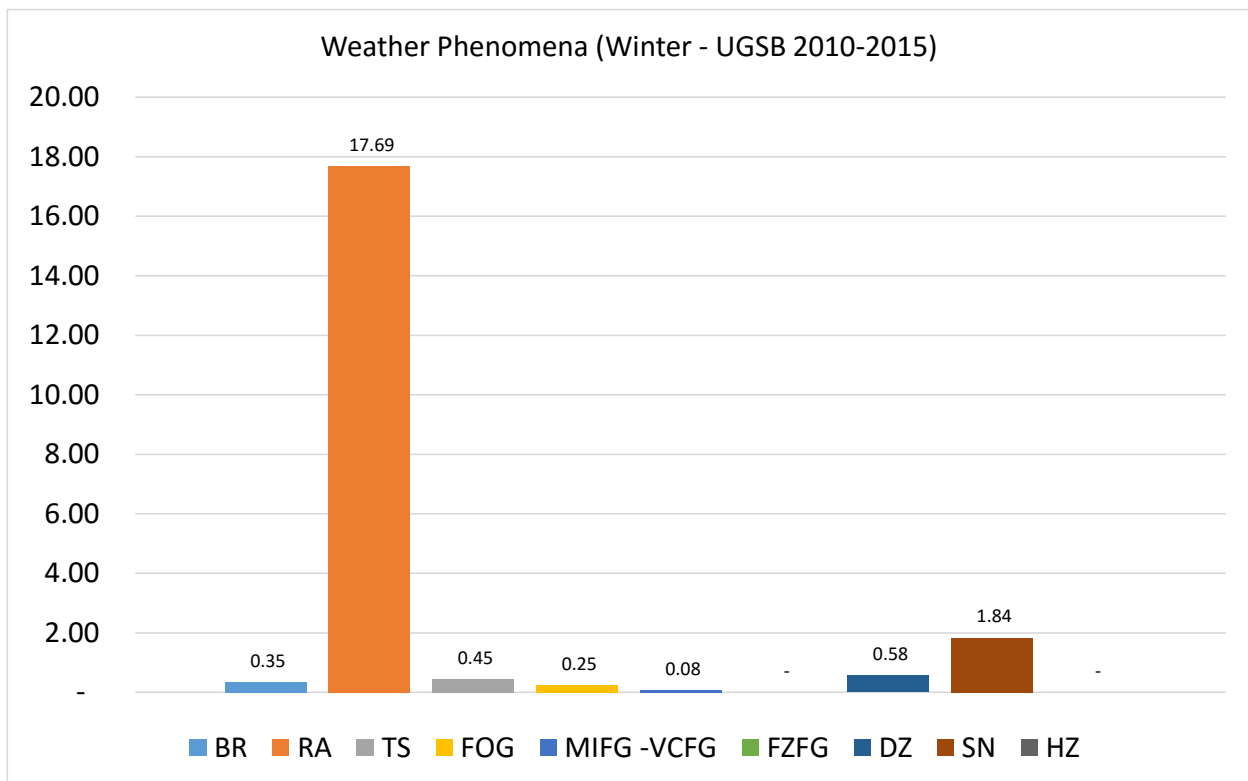
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	0.63	20.51	0.21	0.21	-	-	1.06	2.33	-
0030	0.51	17.56	0.51	0.25	-	-	3.31	2.04	-
0100	0.19	19.55	0.75	0.19	-	-	0.75	2.07	-
0130	-	17.26	0.51	0.25	-	-	1.02	3.05	-
0200	0.21	18.37	0.21	0.21	-	-	0.84	2.51	-
0230	0.26	18.16	0.26	0.26	-	-	1.02	2.30	-
0300	0.21	17.92	0.63	0.21	-	-	1.25	3.13	-
0330	-	16.79	0.51	0.25	-	-	1.02	2.04	-
0400	-	19.18	0.37	0.19	0.19	-	0.37	2.61	-
0430	-	18.09	1.03	-	0.52	-	-	2.07	-
0500	-	18.89	1.48	-	0.37	-	0.37	2.78	-
0530	0.26	17.14	0.51	-	0.51	-	0.26	2.30	-
0600	0.18	17.34	0.92	-	0.18	-	0.18	2.40	-
0630	-	15.72	0.52	-	0.26	-	0.26	2.32	-
0700	-	16.51	0.37	-	0.19	-	0.19	2.23	-
0730	-	16.20	0.77	0.26	-	-	0.51	2.06	-
0800	0.19	17.84	0.74	0.19	-	-	0.19	1.67	-
0830	0.26	18.25	0.26	0.26	0.26	-	0.51	2.57	-
0900	0.37	17.78	0.56	0.19	0.19	-	0.19	2.04	-
0930	0.52	17.83	-	0.26	0.26	-	0.26	2.84	-
1000	0.19	17.47	-	0.19	0.19	-	0.19	1.30	-
1030	0.26	16.20	-	0.26	0.26	-	0.51	2.06	-
1100	0.55	16.94	0.18	-	0.18	-	0.55	1.47	-
1130	-	17.19	-	-	0.52	-	0.52	1.82	-
1200	0.37	18.73	-	-	-	-	0.19	1.50	-
1230	0.26	17.18	-	0.26	-	-	0.26	1.03	-
1300	0.56	18.69	0.19	0.19	-	-	0.37	1.12	-
1330	0.26	19.54	0.26	0.26	-	-	0.26	1.80	-
1400	0.19	18.53	0.57	0.19	-	-	-	1.51	-
1430	-	18.13	0.26	0.52	-	-	-	2.07	-
1500	0.57	20.72	-	0.38	-	-	0.19	1.52	-
1530	0.51	18.93	0.26	0.26	-	-	-	1.53	-
1600	0.56	19.40	0.19	0.37	-	-	0.19	1.49	-
1630	0.26	18.46	0.77	0.77	-	-	0.26	1.03	-
1700	0.41	19.83	-	0.41	-	-	0.21	1.86	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.26	16.20	0.77	0.51	-	-	-	1.29	-
1800	0.21	17.27	0.85	0.43	-	-	0.21	1.28	-
1830	0.51	17.26	0.76	0.51	-	-	-	1.52	-
1900	0.19	18.01	0.19	0.38	-	-	-	1.34	-
1930	0.51	17.18	0.77	0.51	-	-	-	1.03	-
2000	0.22	15.86	1.32	0.44	-	-	0.88	0.88	-
2030	0.51	14.40	0.51	0.51	-	-	2.06	1.03	-
2100	1.60	14.84	0.46	0.23	-	-	2.51	0.91	-
2130	1.27	17.30	0.25	0.25	-	-	2.29	1.53	-
2200	0.83	16.60	0.83	0.21	-	-	0.21	1.45	-
2230	0.77	17.44	0.51	0.26	-	-	0.26	1.79	-
2300	0.48	16.15	0.48	0.24	-	-	0.48	2.14	-
2330	0.52	17.66	0.26	0.26	-	-	1.56	1.82	-
Mean	0.35	17.69	0.45	0.25	0.08	-	0.58	1.84	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Winter are: rain – 17.69%, snow – 1.84%, drizzle – 0.58%.

The activity of thunderstorms in Winter constitutes 0.45%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

SEASON: SPRING

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 22080

OBSERVATION INTERVAL: 30 MIN.

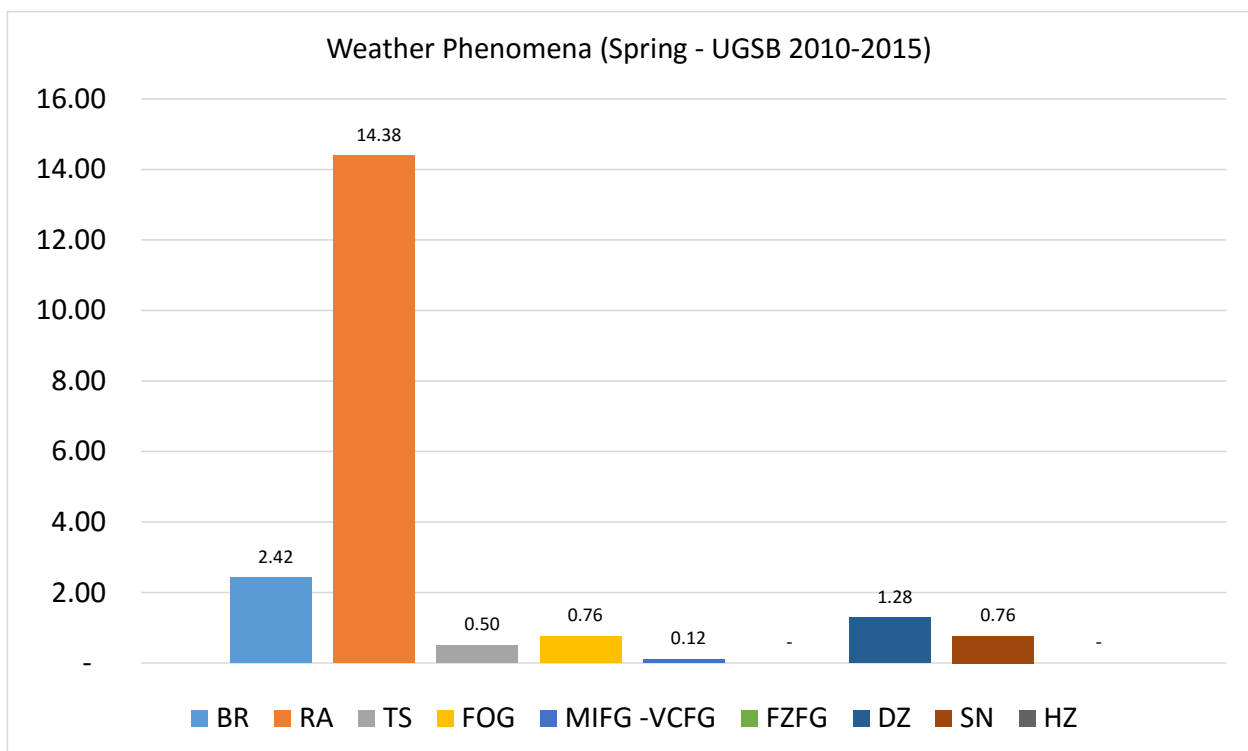
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.56	19.07	0.23	1.63	0.23	-	3.26	0.47	-
0030	3.78	13.24	0.27	1.62	-	-	3.78	0.54	-
0100	3.61	17.08	0.38	1.14	-	-	1.52	0.57	-
0130	4.59	13.24	0.27	1.62	-	-	1.89	1.62	-
0200	4.10	16.86	-	1.59	0.23	-	2.51	0.91	-
0230	3.54	13.62	-	1.63	-	-	2.45	0.82	-
0300	4.70	16.55	-	0.89	0.22	-	1.79	0.67	-
0330	4.02	13.67	0.27	1.07	0.80	-	1.61	0.54	-
0400	2.83	16.04	0.19	0.94	0.38	-	1.32	0.75	-
0430	2.71	15.45	0.27	0.81	-	-	0.54	1.90	-
0500	2.83	16.98	0.19	0.38	0.19	-	0.75	0.94	-
0530	2.47	14.01	-	0.55	0.27	-	1.10	1.92	-
0600	2.64	16.20	-	0.38	0.38	-	0.56	1.32	-
0630	1.63	14.17	-	0.54	0.54	-	0.82	1.63	-
0700	3.41	12.50	-	0.19	0.19	-	1.33	1.14	-
0730	2.17	11.14	-	0.27	0.27	-	-	1.36	-
0800	2.85	13.28	0.19	-	0.19	-	0.76	0.95	-
0830	1.90	10.30	0.27	0.27	0.27	-	0.27	0.54	-
0900	2.11	13.82	-	-	0.19	-	0.58	0.96	-
0930	1.64	11.78	-	-	-	-	0.27	1.64	-
1000	1.89	11.91	0.38	0.19	-	-	0.57	0.57	-
1030	1.09	13.04	0.54	-	-	-	0.27	0.82	-
1100	1.52	14.26	0.19	0.19	-	-	0.38	0.38	-
1130	1.91	12.26	0.82	-	-	-	0.54	1.09	-
1200	2.31	12.33	0.39	-	-	-	0.77	1.16	-
1230	2.19	13.66	0.82	-	-	-	0.55	1.64	-
1300	2.11	13.82	0.96	0.19	0.19	-	0.77	0.58	-
1330	1.90	14.09	1.36	-	0.27	-	0.54	-	-
1400	1.74	14.48	0.97	0.39	-	-	0.97	0.39	-
1430	1.10	14.79	1.92	0.27	-	-	0.55	-	-
1500	1.97	13.98	1.77	0.39	-	-	0.98	-	-
1530	1.91	16.89	1.91	0.82	-	-	0.82	-	-
1600	1.73	15.96	1.15	0.77	-	-	0.96	-	-
1630	1.36	15.26	1.36	0.54	-	-	0.82	0.27	-
1700	2.03	18.74	0.68	0.45	-	-	1.58	0.23	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.36	15.45	0.27	0.81	-	-	1.36	-	-
1800	2.55	14.15	0.46	0.93	-	-	1.62	0.70	-
1830	1.92	14.29	-	1.10	-	-	1.10	0.55	-
1900	1.58	14.06	0.40	0.79	-	-	1.39	0.20	-
1930	1.63	16.80	0.54	1.08	-	-	1.36	-	-
2000	2.22	15.06	0.74	0.99	0.25	-	1.23	0.74	-
2030	3.04	12.15	0.55	1.38	-	-	2.49	1.10	-
2100	3.97	12.70	0.79	1.32	-	-	2.91	0.79	-
2130	2.72	11.99	0.82	1.36	-	-	3.27	0.82	-
2200	1.99	11.95	0.22	1.55	0.22	-	2.43	0.66	-
2230	1.91	13.39	0.55	1.64	-	-	1.64	1.09	-
2300	1.87	17.11	0.53	1.87	0.27	-	0.80	1.07	-
2330	2.53	16.85	0.28	1.97	-	-	1.69	0.56	-
Mean	2.42	14.38	0.50	0.76	0.12	-	1.28	0.76	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Spring are: rain – 14.38%, mist – 2.42%, drizzle – 1.28%.

The activity of thunderstorms in Spring constitutes 0.50%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGSB

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 24288

OBSERVATION INTERVAL: 30 MIN.

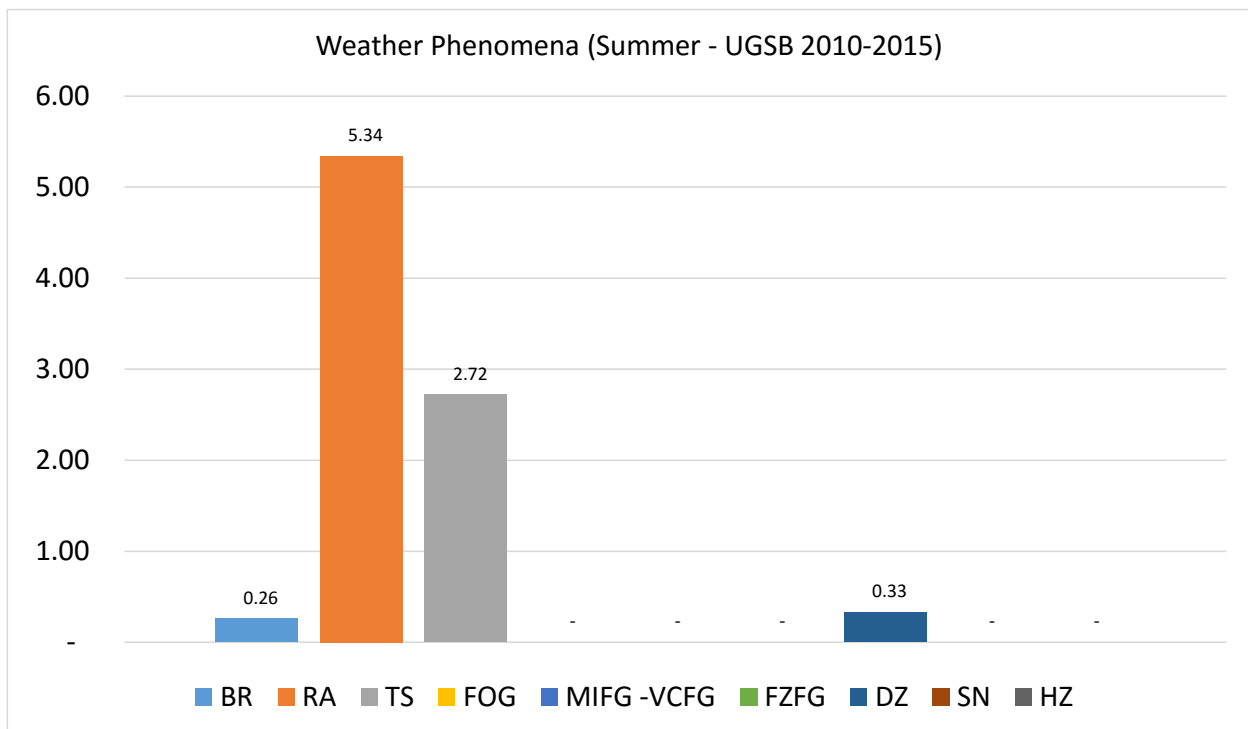
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	0.29	5.50	3.76	-	-	-	0.28	-	-
0030	0.46	5.00	3.60	-	-	-	0.34	-	-
0100	0.32	4.21	2.72	-	-	-	0.21	-	-
0130	0.44	5.36	3.55	-	-	-	1.08	-	-
0200	0.25	6.57	2.06	-	-	-	0.27	-	-
0230	0.43	6.31	2.40	-	-	-	0.74	-	-
0300	0.33	5.42	2.49	-	-	-	0.22	-	-
0330	0.29	6.90	2.51	-	-	-	0.14	-	-
0400	0.10	5.61	2.49	-	-	-	0.21	-	-
0430	0.56	5.35	2.67	-	-	-	0.59	-	-
0500	0.20	4.80	2.18	-	-	-	0.41	-	-
0530	0.57	5.42	2.86	-	-	-	1.10	-	-
0600	0.30	5.07	1.82	-	-	-	0.41	-	-
0630	0.45	4.83	1.22	-	-	-	0.63	-	-
0700	0.39	3.52	1.37	-	-	-	0.49	-	-
0730	0.75	3.96	1.18	-	-	-	0.48	-	-
0800	0.60	3.37	1.19	-	-	-	0.30	-	-
0830	0.96	4.93	1.24	-	-	-	0.63	-	-
0900	0.30	3.31	0.80	-	-	-	0.30	-	-
0930	0.43	4.10	1.33	-	-	-	0.47	-	-
1000	0.29	2.78	0.48	-	-	-	0.30	-	-
1030	0.31	3.26	0.43	-	-	-	0.47	-	-
1100	0.10	2.23	0.50	-	-	-	-	-	-
1130	0.16	2.81	1.30	-	-	-	0.30	-	-
1200	0.10	2.63	1.20	-	-	-	0.10	-	-
1230	0.16	3.55	1.67	-	-	-	0.33	-	-
1300	-	3.08	1.89	-	-	-	0.20	-	-
1330	-	6.44	2.55	-	-	-	0.16	-	-
1400	0.10	4.25	1.92	-	-	-	-	-	-
1430	0.14	5.61	2.11	-	-	-	-	-	-
1500	0.10	4.56	1.97	-	-	-	-	-	-
1530	0.14	6.75	3.30	-	-	-	0.15	-	-
1600	0.30	5.38	3.00	-	-	-	0.30	-	-
1630	0.14	7.78	3.95	-	-	-	0.16	-	-
1700	0.12	7.78	4.76	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.29	7.04	5.32	-	-	-	-	-	-
1800	0.24	7.30	4.60	-	-	-	0.27	-	-
1830	0.29	7.02	4.62	-	-	-	0.16	-	-
1900	-	5.91	3.66	-	-	-	-	-	-
1930	0.15	7.89	5.36	-	-	-	0.15	-	-
2000	0.25	6.86	4.66	-	-	-	-	-	-
2030	-	7.75	6.20	-	-	-	0.31	-	-
2100	0.13	7.40	3.96	-	-	-	0.66	-	-
2130	-	6.87	3.67	-	-	-	0.87	-	-
2200	0.10	5.43	2.40	-	-	-	0.21	-	-
2230	0.14	6.09	3.64	-	-	-	0.47	-	-
2300	0.13	6.64	3.68	-	-	-	0.41	-	-
2330	0.15	5.60	4.28	-	-	-	0.44	-	-
Mean	0.26	5.34	2.72	-	-	-	0.33	-	-



During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Summer are: rain – 5.34%, drizzle – 0.33%, mist – 0.26%.

The activity of thunderstorms in Summer constitutes 2.72%.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGSB

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 24024

OBSERVATION INTERVAL: 30 MIN.

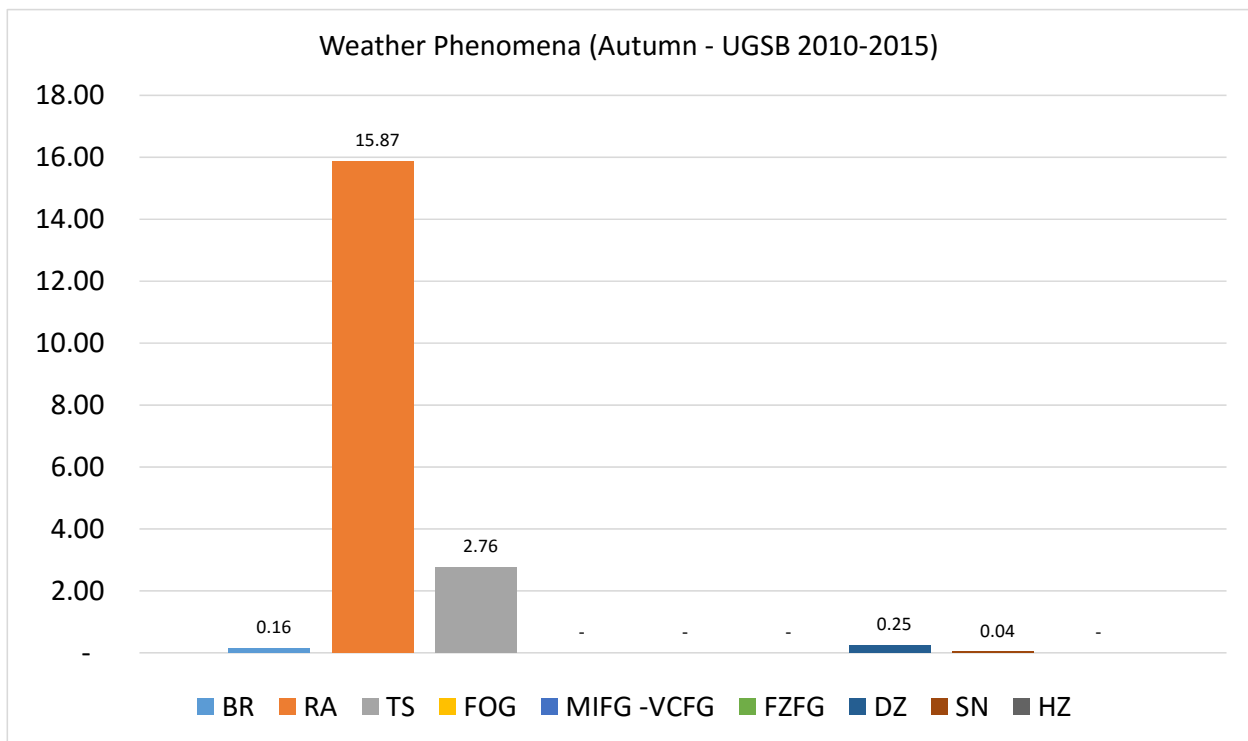
LATITUDE: 413636.00N

LONGITUDE: 0413558.92E

ELEVATION ABOVE MSL: 108 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	-	14.75	4.04	-	-	-	0.61	-	-
0030	-	16.85	3.28	-	-	-	0.88	0.22	-
0100	-	16.14	3.71	-	-	-	0.74	0.19	-
0130	-	16.85	3.10	-	-	-	0.67	-	-
0200	-	15.47	3.29	-	-	-	0.19	-	-
0230	-	16.37	2.65	-	-	-	0.22	-	-
0300	-	15.43	2.10	-	-	-	0.19	0.19	-
0330	0.22	17.54	3.07	-	-	-	0.22	0.22	-
0400	-	17.13	3.13	-	-	-	-	0.18	-
0430	0.22	15.13	3.51	-	-	-	-	-	-
0500	0.18	16.51	3.49	-	-	-	-	-	-
0530	-	16.93	4.01	-	-	-	0.22	-	-
0600	-	13.97	2.94	-	-	-	0.18	-	-
0630	0.45	14.48	2.90	-	-	-	0.22	-	-
0700	0.19	14.84	2.60	-	-	-	0.19	-	-
0730	0.22	15.40	2.01	-	-	-	-	-	-
0800	-	15.21	2.04	-	-	-	-	-	-
0830	0.45	15.18	1.56	-	-	-	-	-	-
0900	0.37	14.18	1.68	-	-	-	-	-	-
0930	0.22	15.44	1.57	-	-	-	-	-	-
1000	0.19	12.22	1.30	-	-	-	-	-	-
1030	0.44	13.25	1.55	-	-	-	-	-	-
1100	0.37	12.27	1.30	-	-	-	0.19	-	-
1130	0.67	15.78	1.78	-	-	-	-	0.22	-
1200	0.19	14.74	2.24	-	-	-	0.19	-	-
1230	0.45	16.48	2.67	-	-	-	-	-	-
1300	0.56	15.96	2.04	-	-	-	-	-	-
1330	0.22	14.57	1.99	-	-	-	-	-	-
1400	0.19	15.37	3.33	-	-	-	0.19	-	-
1430	-	15.14	2.90	-	-	-	-	-	-
1500	0.19	17.04	2.96	-	-	-	-	-	-
1530	-	16.85	1.77	-	-	-	-	-	-
1600	-	16.21	2.76	-	-	-	-	-	-
1630	-	15.93	2.43	-	-	-	-	-	-
1700	-	15.00	2.96	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	0.44	14.98	2.86	-	-	-	0.22	-	-
1800	0.19	16.05	2.90	-	-	-	-	-	-
1830	0.22	18.34	4.37	-	-	-	0.22	-	-
1900	0.18	16.54	4.41	-	-	-	-	-	-
1930	0.22	18.98	3.53	-	-	-	-	-	-
2000	-	17.65	2.09	-	-	-	-	-	-
2030	0.22	17.26	3.54	-	-	-	1.11	-	-
2100	-	17.65	2.75	-	-	-	1.37	0.20	-
2130	-	15.96	2.88	-	-	-	2.00	-	-
2200	-	16.33	3.15	-	-	-	0.37	0.19	-
2230	-	15.93	3.10	-	-	-	0.22	0.22	-
2300	-	17.82	2.87	-	-	-	0.57	-	-
2330	-	17.49	3.59	-	-	-	0.67	-	-
Mean	0.16	15.87	2.76	-	-	-	0.25	0.04	-

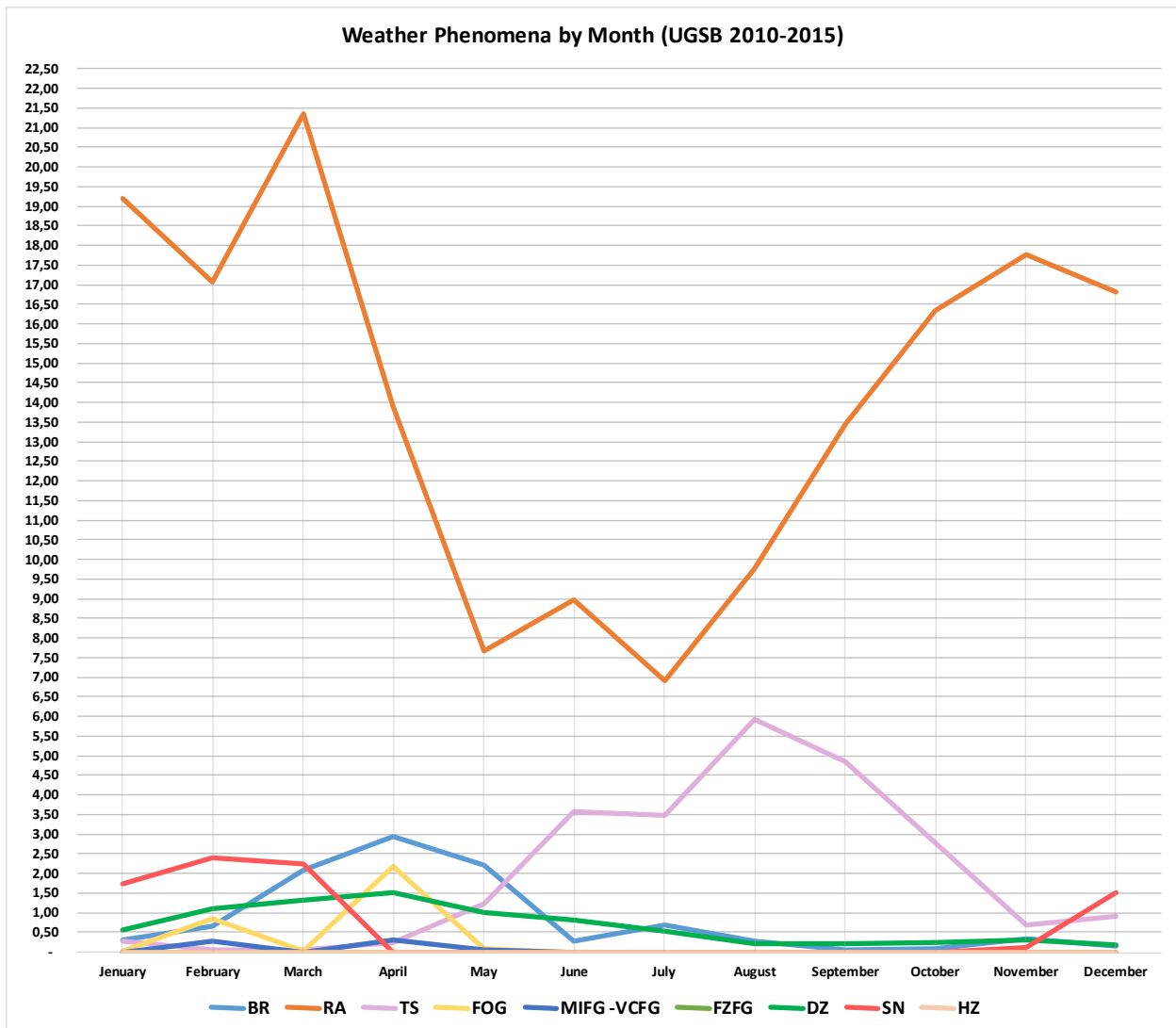


During the climatological period under review, at Batumi International Airport the prevailing weather phenomena in Autumn are: rain – 15.87%, drizzle – 0.25%, mist – 0.16%.

The activity of thunderstorms in Autumn constitutes 2.76%.

## WEATHER PHENOMENA AVERAGE BY MONTH

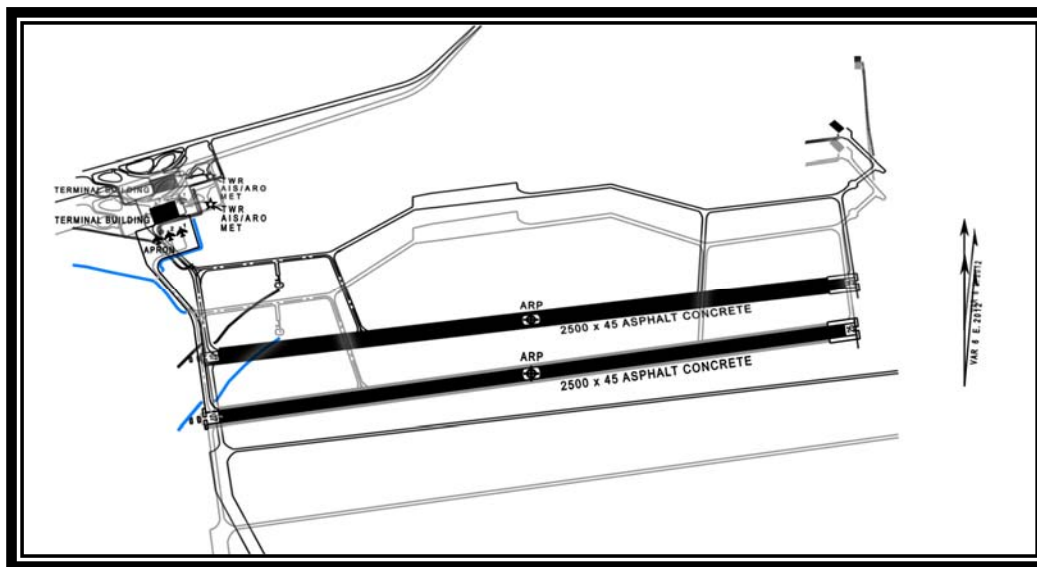
MEAN FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES BY MONTH									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
January	0.30	19.21	0.27	0.02	-	-	0.56	1.73	-
February	0.66	17.08	0.07	0.83	0.28	-	1.10	2.40	-
March	2.07	21.35	0.05	0.03	-	-	1.31	2.26	-
April	2.95	13.89	0.25	2.18	0.30	-	1.51	-	-
May	2.22	7.66	1.21	0.08	0.05	-	1.02	-	-
June	0.26	8.97	3.59	-	-	-	0.82	-	-
July	0.70	6.91	3.47	-	-	-	0.51	-	-
August	0.29	9.77	5.93	-	-	-	0.22	-	-
September	0.05	13.44	4.85	-	-	-	0.20	-	-
October	0.09	16.35	2.79	-	-	-	0.24	-	-
November	0.33	17.76	0.69	-	-	-	0.30	0.11	-
December	0.15	16.80	0.91	-	-	-	0.19	1.51	-







# 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	Height 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, page 523). 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, page 513), 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 (xx20 and xx50) METARs for the 2013-2015 period.



## RVR, VISIBILITY AND CEILING

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

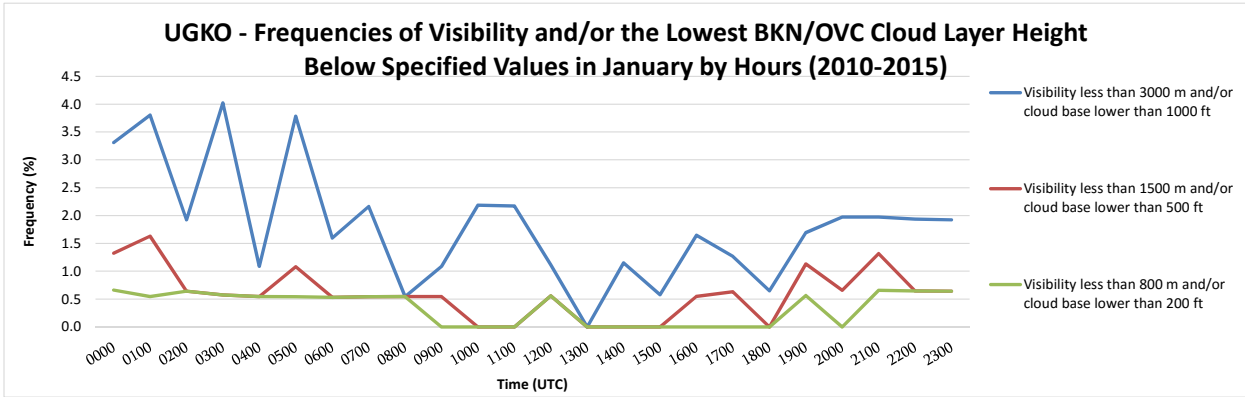
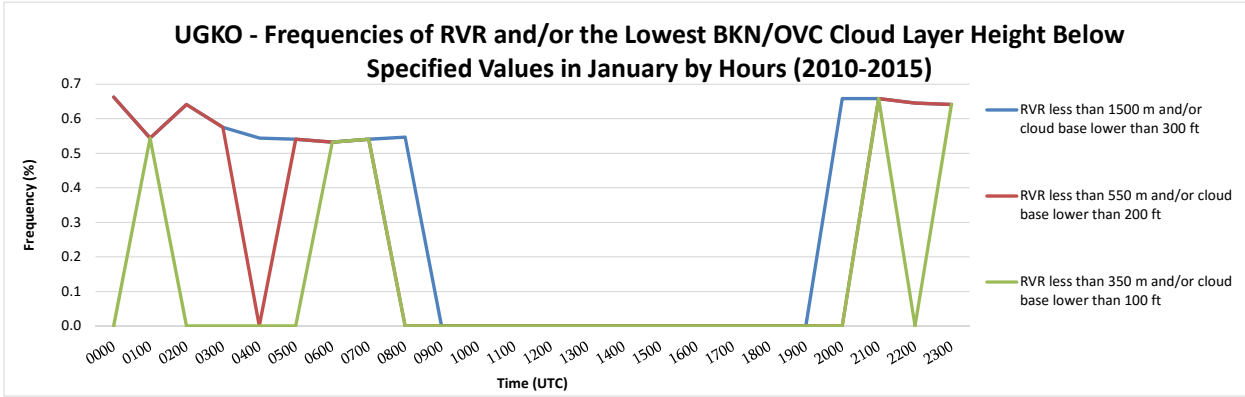
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

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	-	-	-	0.66	0.66	0.66	1.32	3.31	21.19
0100	-	-	0.54	0.54	0.54	0.54	1.63	3.80	19.02
0200	-	-	-	0.64	0.64	0.64	0.64	1.92	17.95
0300	-	-	-	0.57	0.57	0.57	0.57	4.02	16.67
0400	-	-	-	-	0.54	0.54	0.54	1.09	17.39
0500	-	-	-	0.54	0.54	0.54	1.08	3.78	15.68
0600	-	-	0.53	0.53	0.53	0.53	0.53	1.60	17.55
0700	-	-	0.54	0.54	0.54	0.54	0.54	2.16	15.14
0800	-	-	-	-	0.55	0.55	0.55	0.55	13.11
0900	-	-	-	-	-	-	0.54	1.09	14.67
1000	-	-	-	-	-	-	-	2.19	14.21
1100	-	-	-	-	-	-	-	2.17	11.96
1200	-	-	-	-	-	0.56	0.56	1.12	10.61
1300	-	-	-	-	-	-	-	-	11.54
1400	-	-	-	-	-	-	-	1.15	11.49
1500	-	-	-	-	-	-	-	0.58	11.56
1600	-	-	-	-	-	-	0.55	1.65	12.09
1700	-	-	-	-	-	-	0.63	1.27	15.82
1800	-	-	-	-	-	-	-	0.65	16.23
1900	-	-	-	-	-	0.56	1.13	1.69	15.82
2000	-	-	-	-	0.66	-	0.66	1.97	14.47
2100	-	-	0.66	0.66	0.66	0.66	1.32	1.97	16.45
2200	-	-	-	0.65	0.65	0.65	0.65	1.94	16.13
2300	-	-	0.64	0.64	0.64	0.64	0.64	1.92	18.59
TOTAL	-	-	0.12	0.24	0.31	0.34	0.58	1.81	15.14

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.58% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

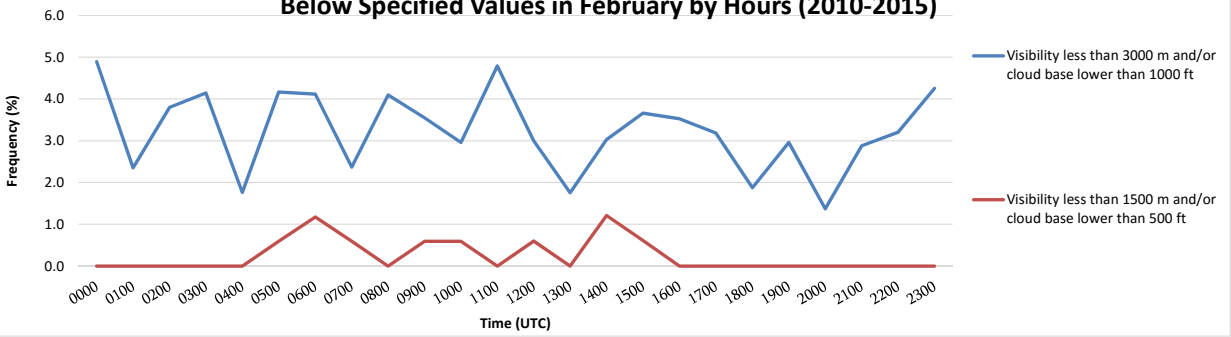
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	4.90	19.58
0100	-	-	-	-	-	-	-	2.35	20.59
0200	-	-	-	-	-	-	-	3.80	20.25
0300	-	-	-	-	-	-	-	4.14	20.12
0400	-	-	-	-	-	-	-	1.76	21.76
0500	-	-	-	-	-	-	0.60	4.17	20.24
0600	-	-	-	-	-	-	1.18	4.12	21.18
0700	-	-	-	-	-	-	0.59	2.37	17.75
0800	-	-	-	-	-	-	-	4.09	17.54
0900	-	-	-	-	-	-	0.59	3.55	15.38
1000	-	-	-	-	-	-	0.59	2.96	14.79
1100	-	-	-	-	-	-	-	4.79	13.77
1200	-	-	-	-	-	-	0.60	2.99	13.17
1300	-	-	-	-	-	-	-	1.75	12.87
1400	-	-	-	-	-	-	1.21	3.03	12.73
1500	-	-	-	-	-	-	0.61	3.66	16.46
1600	-	-	-	-	-	-	-	3.53	15.88
1700	-	-	-	-	-	-	-	3.18	15.29
1800	-	-	-	-	-	-	-	1.88	15.00
1900	-	-	-	-	-	-	-	2.96	18.34
2000	-	-	-	-	-	-	-	1.37	20.55
2100	-	-	-	-	-	-	-	2.88	23.02
2200	-	-	-	-	-	-	-	3.21	23.72
2300	-	-	-	-	-	-	-	4.26	21.28
TOTAL	-	-	-	-	-	-	0.26	3.23	17.88

In February, based on six-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 Kutaisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.26% (see Model A).

**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height  
Below Specified Values in February by Hours (2010-2015)**





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

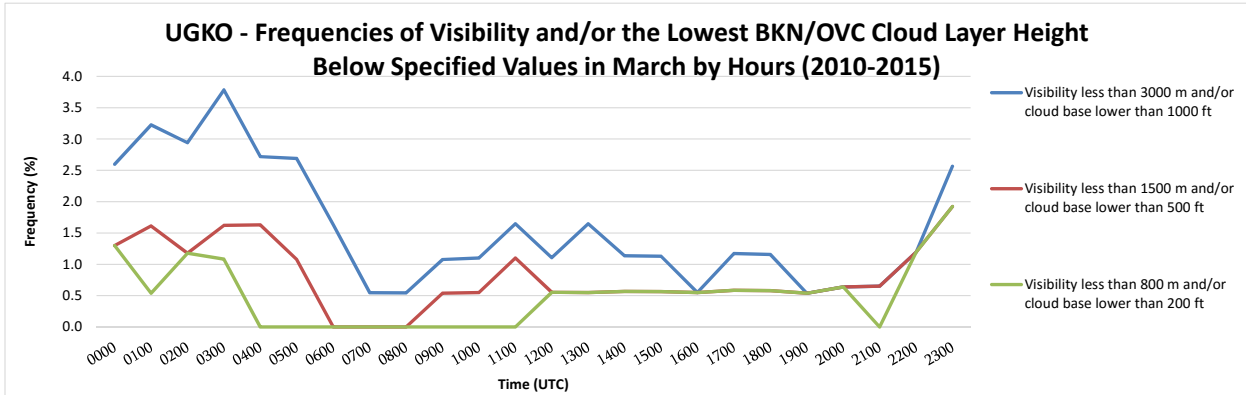
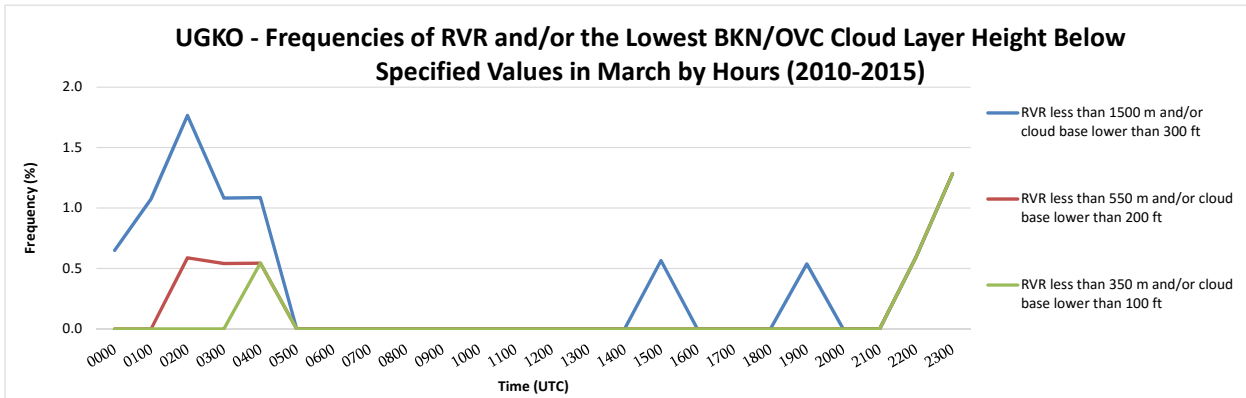
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

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	-	-	-	-	0.65	1.30	1.30	2.60	20.13
0100	-	-	-	-	1.08	0.54	1.61	3.23	23.12
0200	-	-	-	0.59	1.76	1.18	1.18	2.94	21.76
0300	-	-	-	0.54	1.08	1.08	1.62	3.78	23.78
0400	-	-	0.54	0.54	1.09	-	1.63	2.72	22.28
0500	-	-	-	-	-	-	1.08	2.69	24.19
0600	-	-	-	-	-	-	-	1.63	19.02
0700	-	-	-	-	-	-	-	0.55	13.66
0800	-	-	-	-	-	-	-	0.54	14.13
0900	-	-	-	-	-	-	0.54	1.08	13.44
1000	-	-	-	-	-	-	0.55	1.10	13.74
1100	-	-	-	-	-	-	1.10	1.65	12.09
1200	-	-	-	-	-	0.55	0.55	1.10	12.71
1300	-	-	-	-	-	0.55	0.55	1.65	10.99
1400	-	-	-	-	-	0.57	0.57	1.14	8.52
1500	-	-	-	-	0.56	0.56	0.56	1.13	8.47
1600	-	-	-	-	-	0.55	0.55	0.55	9.89
1700	-	-	-	-	-	0.58	0.58	1.17	15.20
1800	-	-	-	-	-	0.58	0.58	1.16	15.03
1900	-	-	-	-	0.54	0.54	0.54	0.54	14.52
2000	-	-	-	-	-	0.64	0.64	0.64	12.10
2100	-	-	-	-	-	-	0.65	0.65	12.34
2200	-	-	0.60	0.60	0.60	1.19	1.19	1.19	14.88
2300	-	-	1.28	1.28	1.28	1.92	1.92	2.56	14.74
TOTAL	-	-	0.09	0.14	0.35	0.50	0.80	1.58	15.49

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.80% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

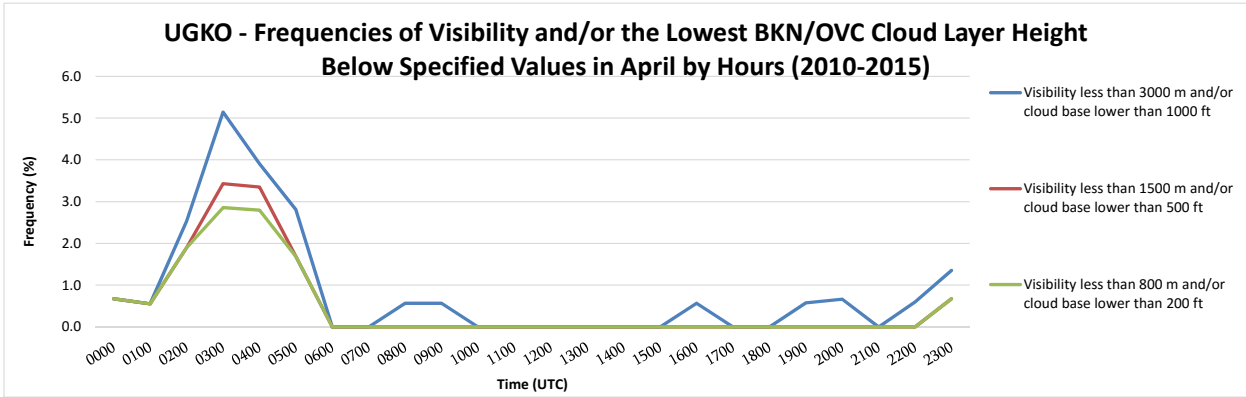
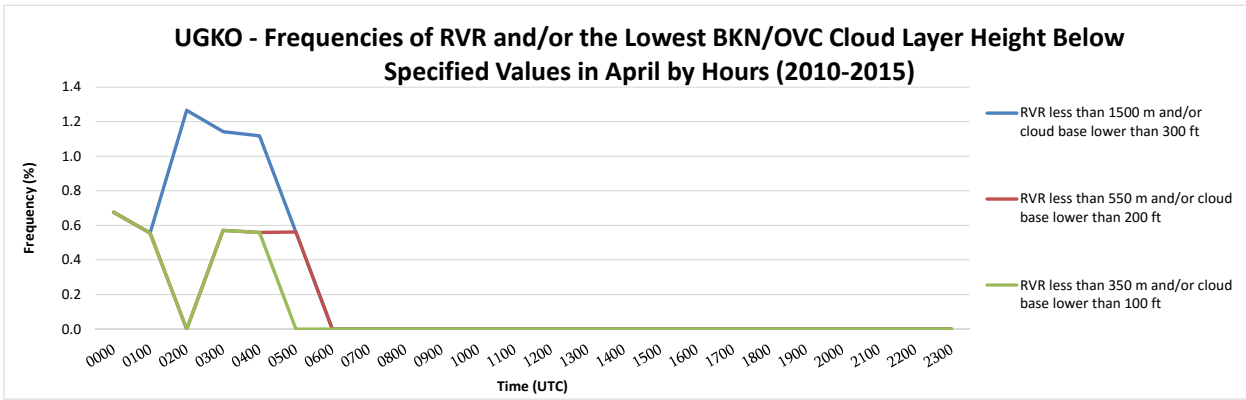
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

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	-	-	0.68	0.68	0.68	0.68	0.68	0.68	12.16
0100	-	-	0.56	0.56	0.56	0.56	0.56	0.56	18.89
0200	-	-	-	-	1.27	1.90	1.90	2.53	22.15
0300	-	-	0.57	0.57	1.14	2.86	3.43	5.14	22.29
0400	-	-	0.56	0.56	1.12	2.79	3.35	3.91	20.11
0500	-	-	-	0.56	0.56	1.69	1.69	2.81	15.73
0600	-	-	-	-	-	-	-	-	10.11
0700	-	-	-	-	-	-	-	-	9.60
0800	-	-	-	-	-	-	-	0.57	6.82
0900	-	-	-	-	-	-	-	0.56	7.34
1000	-	-	-	-	-	-	-	-	4.47
1100	-	-	-	-	-	-	-	-	4.60
1200	-	-	-	-	-	-	-	-	5.20
1300	-	-	-	-	-	-	-	-	6.78
1400	-	-	-	-	-	-	-	-	10.47
1500	-	-	-	-	-	-	-	-	8.62
1600	-	-	-	-	-	-	-	0.57	10.23
1700	-	-	-	-	-	-	-	-	10.84
1800	-	-	-	-	-	-	-	-	14.72
1900	-	-	-	-	-	-	-	0.57	12.07
2000	-	-	-	-	-	-	-	0.67	15.33
2100	-	-	-	-	-	-	-	-	12.00
2200	-	-	-	-	-	-	-	0.60	11.98
2300	-	-	-	-	-	0.68	0.68	1.35	14.19
TOTAL	-	-	0.10	0.12	0.22	0.47	0.52	0.86	11.87

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.52% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

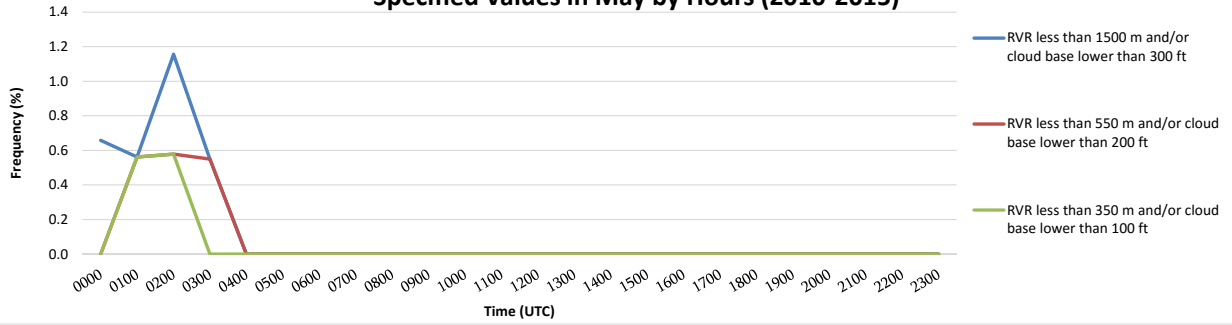
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	0.66	0.66	1.32	3.29	20.39
0100	-	-	0.56	0.56	0.56	1.12	2.25	3.93	19.10
0200	-	-	0.58	0.58	1.16	1.16	4.05	6.94	33.53
0300	-	-	-	0.55	0.55	1.65	2.75	4.95	29.67
0400	-	-	-	-	-	1.08	2.15	4.30	19.89
0500	-	-	-	-	-	0.54	0.54	2.70	15.68
0600	-	-	-	-	-	0.54	0.54	2.72	12.50
0700	-	-	-	-	-	0.54	1.08	2.70	9.19
0800	-	-	-	-	-	0.55	0.55	1.64	7.10
0900	-	-	-	-	-	0.54	0.54	1.62	7.57
1000	-	-	-	-	-	0.54	0.54	1.63	5.43
1100	-	-	-	-	-	0.55	0.55	1.66	7.73
1200	-	-	-	-	-	0.55	0.55	1.64	8.74
1300	-	-	-	-	-	0.54	0.54	1.63	7.61
1400	-	-	-	-	-	0.58	0.58	1.75	8.77
1500	-	-	-	-	-	0.56	0.56	2.25	9.55
1600	-	-	-	-	-	0.55	0.55	2.75	10.99
1700	-	-	-	-	-	0.58	0.58	1.73	11.56
1800	-	-	-	-	-	0.60	0.60	1.80	10.18
1900	-	-	-	-	-	0.56	0.56	2.23	9.50
2000	-	-	-	-	-	0.65	0.65	2.58	9.68
2100	-	-	-	-	-	0.65	0.65	3.23	13.55
2200	-	-	-	-	-	0.56	0.56	2.81	11.24
2300	-	-	-	-	-	0.65	0.65	1.95	13.64
TOTAL	-	-	0.05	0.07	0.12	0.69	1.00	2.68	12.97

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 six-year observation, constitutes 0.05% (see Model A).

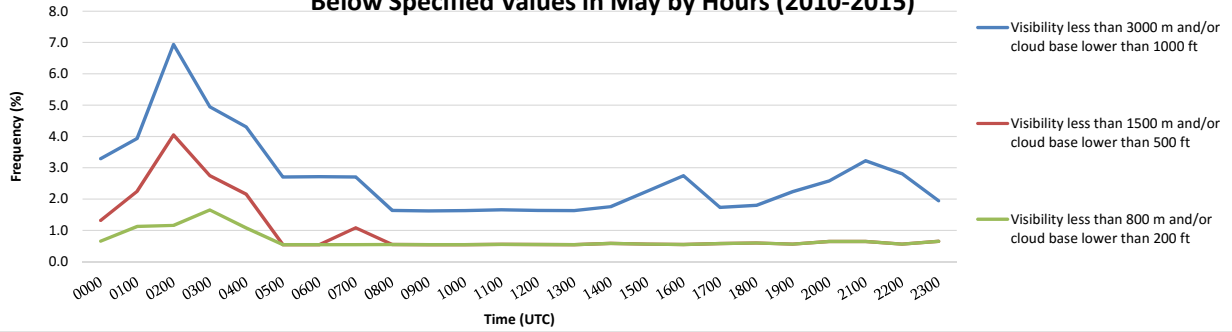
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 1.00% (see Model A).

### UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in May by Hours (2010-2015)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in May by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

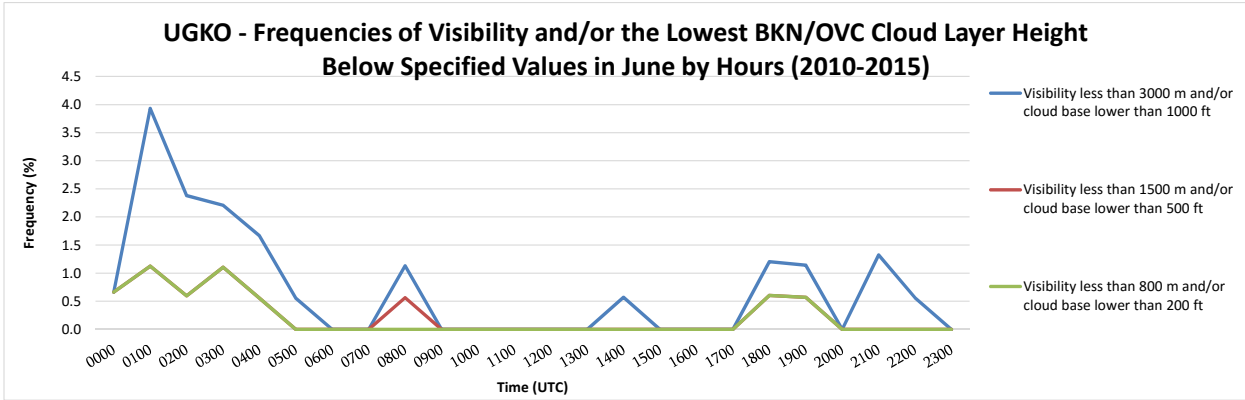
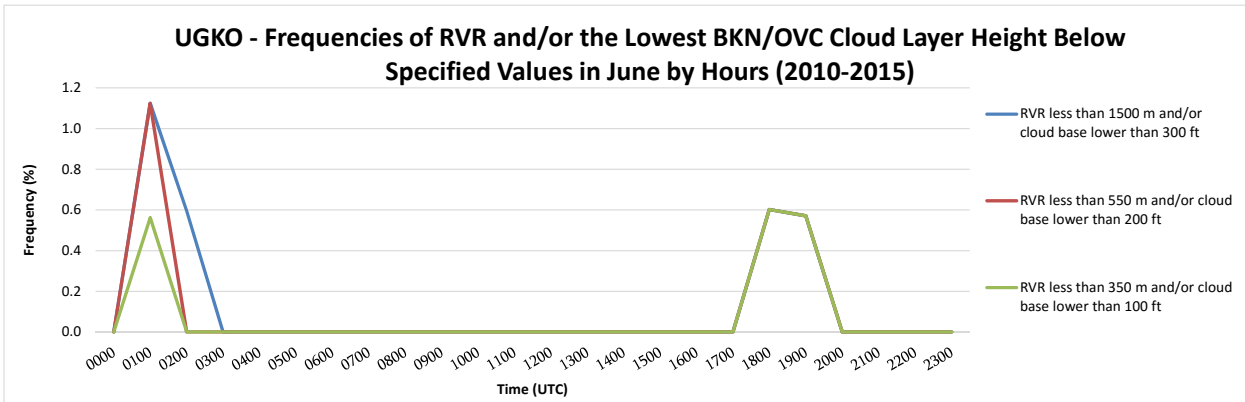
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

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	-	-	-	-	-	0.66	0.66	0.66	15.23
0100	-	-	0.56	1.12	1.12	1.12	1.12	3.93	19.66
0200	-	-	-	-	0.60	0.60	0.60	2.38	18.45
0300	-	-	-	-	-	1.10	1.10	2.21	14.92
0400	-	-	-	-	-	0.56	0.56	1.67	7.22
0500	-	-	-	-	-	-	-	0.55	4.42
0600	-	-	-	-	-	-	-	-	2.81
0700	-	-	-	-	-	-	-	-	2.19
0800	-	-	-	-	-	-	0.56	1.13	3.39
0900	-	-	-	-	-	-	-	-	2.29
1000	-	-	-	-	-	-	-	-	1.68
1100	-	-	-	-	-	-	-	-	0.58
1200	-	-	-	-	-	-	-	-	1.15
1300	-	-	-	-	-	-	-	-	2.78
1400	-	-	-	-	-	-	-	0.57	3.43
1500	-	-	-	-	-	-	-	-	4.49
1600	-	-	-	-	-	-	-	-	6.11
1700	-	-	-	-	-	-	-	-	5.88
1800	-	-	0.60	0.60	0.60	0.60	0.60	1.20	9.04
1900	-	-	0.57	0.57	0.57	0.57	0.57	1.14	9.14
2000	-	-	-	-	-	-	-	-	9.03
2100	-	-	-	-	-	-	-	1.32	9.27
2200	-	-	-	-	-	-	-	0.56	10.61
2300	-	-	-	-	-	-	-	-	9.93
TOTAL	-	-	0.07	0.10	0.12	0.22	0.24	0.73	7.13

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.24% (see Model A).





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

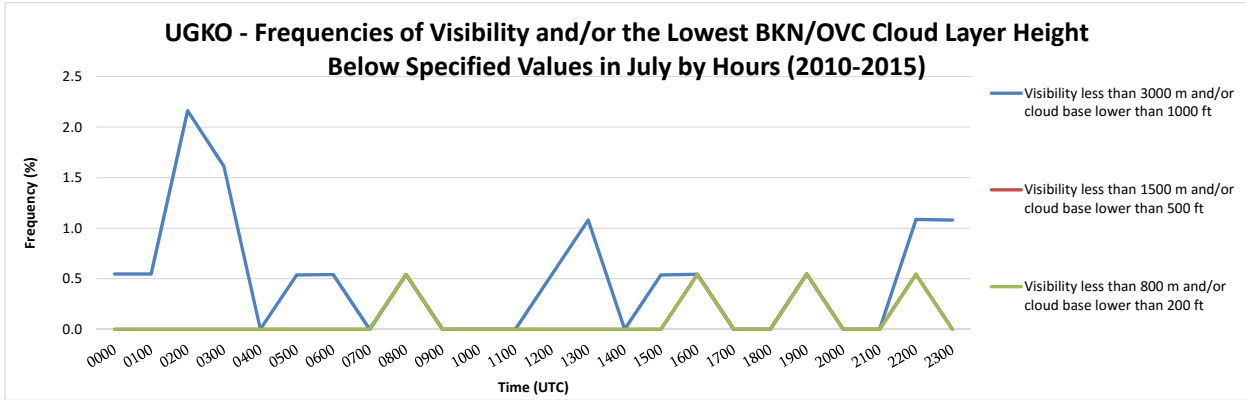
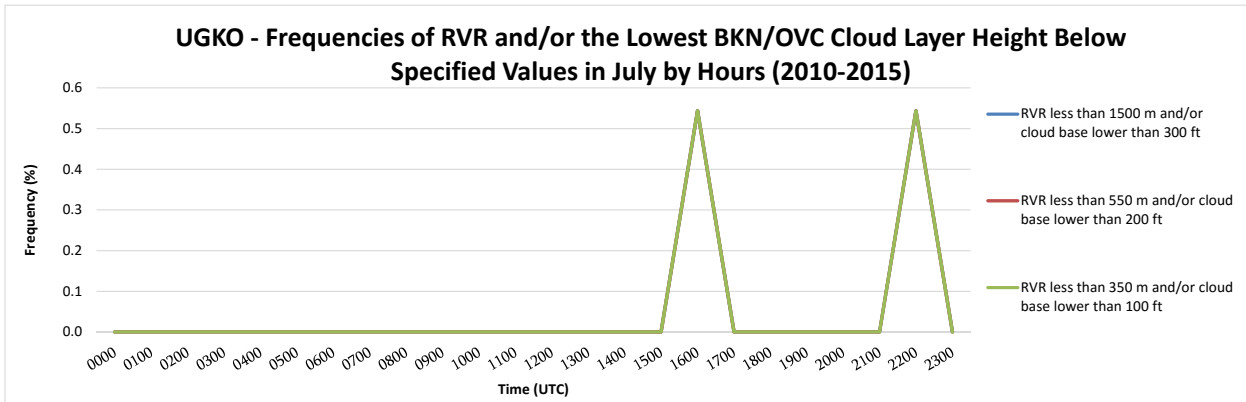
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES

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	-	-	-	-	-	-	-	0.55	9.84
0100	-	-	-	-	-	-	-	0.55	15.30
0200	-	-	-	-	-	-	-	2.16	21.08
0300	-	-	-	-	-	-	-	1.61	16.67
0400	-	-	-	-	-	-	-	-	8.65
0500	-	-	-	-	-	-	-	0.54	4.84
0600	-	-	-	-	-	-	-	0.54	2.16
0700	-	-	-	-	-	-	-	-	1.63
0800	-	-	-	-	-	0.54	0.54	0.54	2.16
0900	-	-	-	-	-	-	-	-	1.09
1000	-	-	-	-	-	-	-	-	1.62
1100	-	-	-	-	-	-	-	-	1.08
1200	-	-	-	-	-	-	-	0.54	1.62
1300	-	-	-	-	-	-	-	1.08	1.62
1400	-	-	-	-	-	-	-	-	1.08
1500	-	-	-	-	-	-	-	0.54	2.15
1600	-	-	0.54	0.54	0.54	0.54	0.54	0.54	3.26
1700	-	-	-	-	-	-	-	-	2.73
1800	-	-	-	-	-	-	-	-	2.70
1900	-	-	-	-	-	0.55	0.55	0.55	5.46
2000	-	-	-	-	-	-	-	-	4.86
2100	-	-	-	-	-	-	-	-	6.59
2200	-	-	0.54	0.54	0.54	0.54	0.54	1.09	10.87
2300	-	-	-	-	-	-	-	1.08	9.73
TOTAL	-	-	0.05	0.05	0.05	0.09	0.09	0.50	5.78

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 six-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 six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.09% (see Model A).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

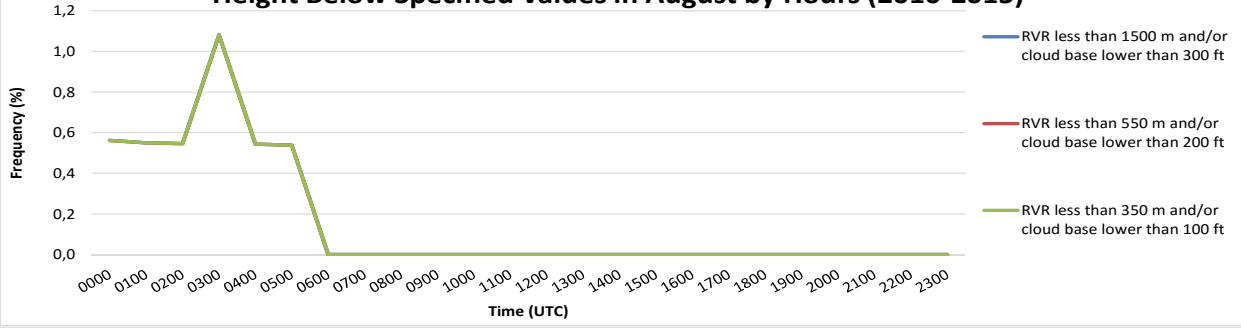
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.56	0.56	0.56	0.56	0.56	0.56	14.04
0100	-	-	0.55	0.55	0.55	0.55	0.55	1.65	16.48
0200	-	-	0.55	0.55	0.55	1.09	1.09	3.28	21.86
0300	-	-	1.08	1.08	1.08	1.62	2.70	4.86	24.86
0400	-	-	0.54	0.54	0.54	0.54	1.09	1.09	15.22
0500	-	-	0.54	0.54	0.54	0.54	0.54	1.08	5.91
0600	-	-	-	-	-	-	-	0.54	2.16
0700	-	-	-	-	-	-	-	1.09	2.73
0800	-	-	-	-	-	-	-	-	2.17
0900	-	-	-	-	-	-	-	-	1.61
1000	-	-	-	-	-	-	-	0.54	1.63
1100	-	-	-	-	-	-	-	-	1.62
1200	-	-	-	-	-	-	-	-	1.08
1300	-	-	-	-	-	-	-	0.54	2.15
1400	-	-	-	-	-	-	-	-	2.14
1500	-	-	-	-	-	-	-	-	1.09
1600	-	-	-	-	-	-	-	-	2.72
1700	-	-	-	-	-	-	-	-	3.83
1800	-	-	-	-	-	-	-	-	4.37
1900	-	-	-	-	-	-	-	-	4.37
2000	-	-	-	-	-	-	-	-	2.72
2100	-	-	-	-	-	-	-	-	5.52
2200	-	-	-	-	-	-	-	-	6.59
2300	-	-	-	-	-	-	-	0.55	10.93
TOTAL	-	-	0.16	0.16	0.16	0.20	0.27	0.66	6.55

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 six-year observation, constitutes 0.16% (see Model A).

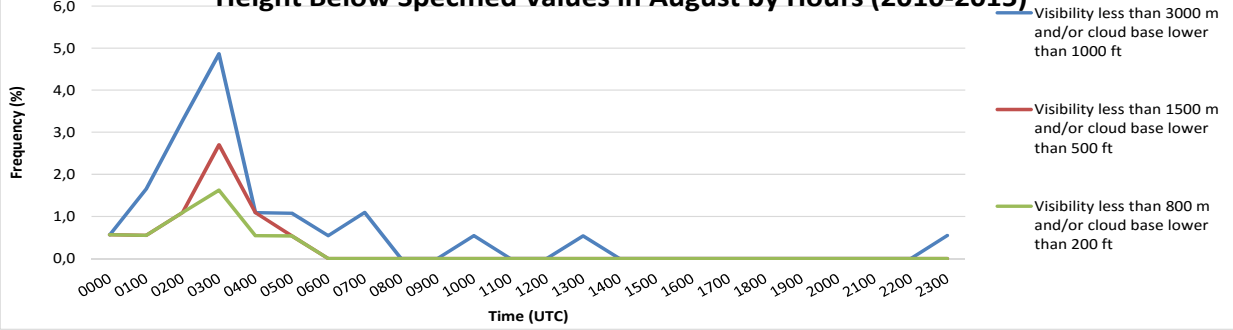
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.27% (see Model A).

**UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer  
Height Below Specified Values in August by Hours (2010-2015)**



**UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer  
Height Below Specified Values in August by Hours (2010-2015)**



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

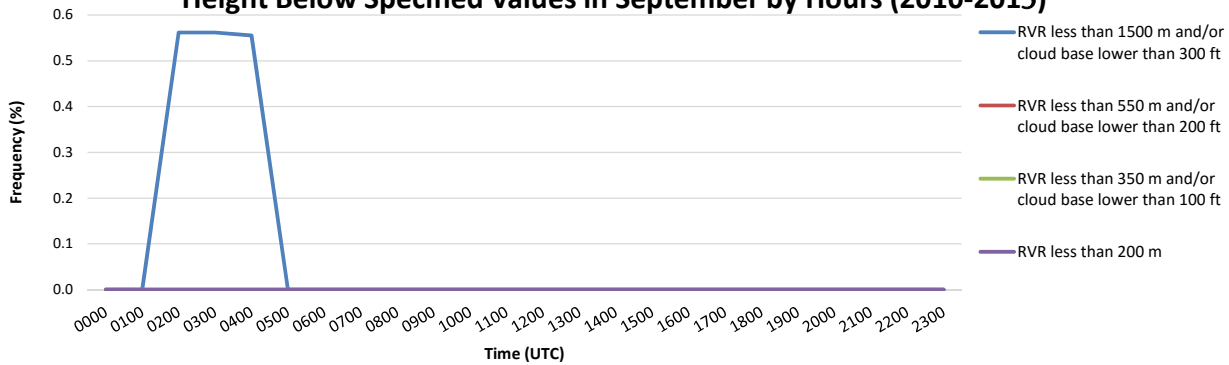
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	-	-	8.94
0100	-	-	-	-	-	-	-	2.79	10.06
0200	-	-	-	-	0.56	-	0.56	0.56	12.92
0300	-	-	-	-	0.56	1.12	1.69	2.25	19.10
0400	-	-	-	-	0.56	1.11	1.67	3.33	12.22
0500	-	-	-	-	-	-	-	1.11	7.22
0600	-	-	-	-	-	-	-	-	6.18
0700	-	-	-	-	-	-	-	1.12	2.79
0800	-	-	-	-	-	-	-	-	5.03
0900	-	-	-	-	-	-	-	0.56	4.47
1000	-	-	-	-	-	-	-	-	5.06
1100	-	-	-	-	-	-	-	-	3.37
1200	-	-	-	-	-	-	-	-	4.47
1300	-	-	-	-	-	-	-	-	3.95
1400	-	-	-	-	-	-	-	0.56	3.37
1500	-	-	-	-	-	-	-	-	5.62
1600	-	-	-	-	-	-	-	-	6.18
1700	-	-	-	-	-	-	-	-	5.03
1800	-	-	-	-	-	-	-	0.56	5.56
1900	-	-	-	-	-	-	0.56	0.56	5.56
2000	-	-	-	-	-	-	-	-	4.47
2100	-	-	-	-	-	-	-	0.56	7.91
2200	-	-	-	-	-	-	-	0.56	6.21
2300	-	-	-	-	-	-	-	-	7.26
TOTAL	-	-	-	-	0.07	0.09	0.19	0.61	6.79

In September, based on six-year observation the RVR (Runway Visual Range) minimum values of below 1500 meters and/or cloud ceiling below 300 feet, based on six-year observation, constitutes 0.07% (see Model A).

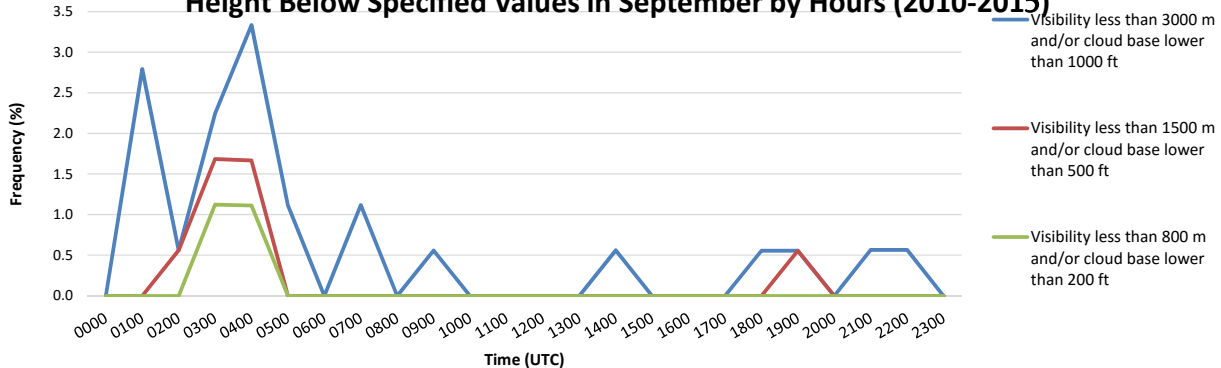
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.19% (see Model A).

### UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in September by Hours (2010-2015)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in September by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

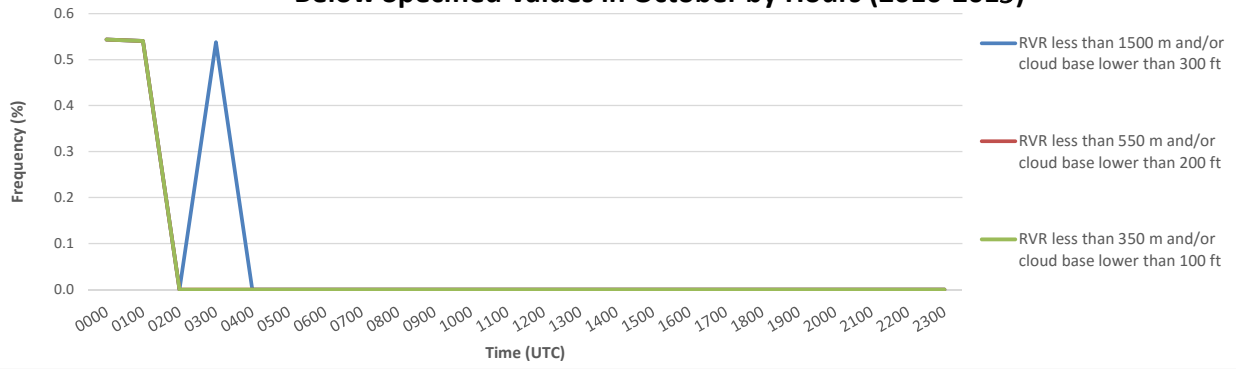
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	0.54	0.54	0.54	1.63	1.63	3.26	17.93
0100	-	-	0.54	0.54	0.54	1.62	1.62	3.24	19.46
0200	-	-	-	-	-	0.54	0.54	1.61	17.74
0300	-	-	-	-	0.54	-	0.54	2.69	18.82
0400	-	-	-	-	-	-	-	3.78	18.38
0500	-	-	-	-	-	1.08	1.08	1.08	12.90
0600	-	-	-	-	-	0.54	0.54	1.62	8.65
0700	-	-	-	-	-	-	-	1.61	9.68
0800	-	-	-	-	-	-	-	-	6.45
0900	-	-	-	-	-	-	-	1.08	5.91
1000	-	-	-	-	-	-	-	0.54	5.91
1100	-	-	-	-	-	-	-	0.54	6.45
1200	-	-	-	-	-	-	-	1.07	3.74
1300	-	-	-	-	-	-	-	-	4.89
1400	-	-	-	-	-	-	-	0.54	3.76
1500	-	-	-	-	-	-	-	0.54	5.91
1600	-	-	-	-	-	-	-	-	9.14
1700	-	-	-	-	-	-	-	-	6.99
1800	-	-	-	-	-	-	-	0.54	8.65
1900	-	-	-	-	-	-	-	-	12.90
2000	-	-	-	-	-	-	-	-	15.68
2100	-	-	-	-	-	-	0.54	1.08	12.43
2200	-	-	-	-	-	0.54	0.54	0.54	14.13
2300	-	-	-	-	-	0.54	0.54	1.09	13.04
TOTAL	-	-	0.04	0.04	0.07	0.27	0.31	1.10	10.81

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

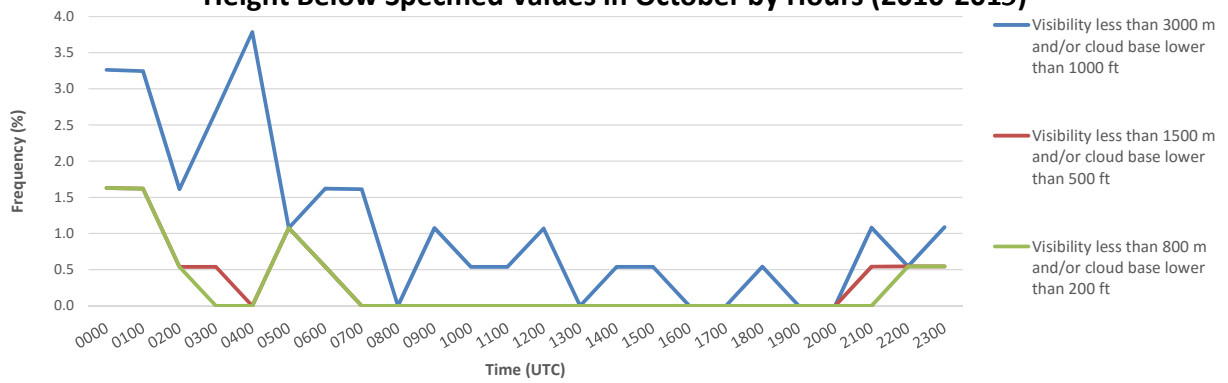
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on six-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 October by Hours (2010-2015)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in October by Hours (2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

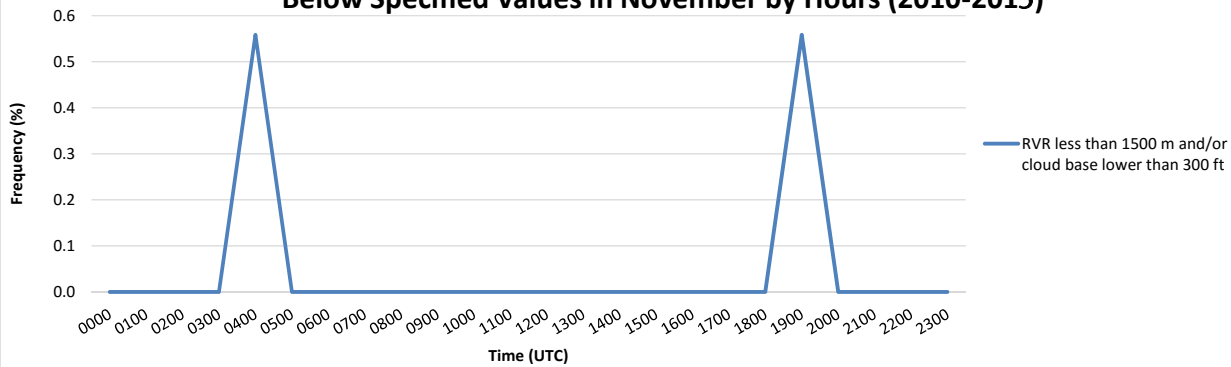
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	0.56	2.26	17.51
0100	-	-	-	-	-	-	-	2.22	17.22
0200	-	-	-	-	-	-	-	2.21	18.78
0300	-	-	-	-	-	-	-	5.06	21.91
0400	-	-	-	-	0.56	0.56	1.12	3.35	22.91
0500	-	-	-	-	-	-	-	1.67	18.33
0600	-	-	-	-	-	-	-	1.10	13.81
0700	-	-	-	-	-	-	-	0.56	11.67
0800	-	-	-	-	-	-	-	1.10	11.54
0900	-	-	-	-	-	-	-	1.12	8.94
1000	-	-	-	-	-	-	-	0.55	7.73
1100	-	-	-	-	-	-	-	1.11	6.11
1200	-	-	-	-	-	-	-	1.11	7.22
1300	-	-	-	-	-	-	0.56	1.67	8.33
1400	-	-	-	-	-	-	-	1.12	10.11
1500	-	-	-	-	-	-	0.56	1.11	12.22
1600	-	-	-	-	-	-	-	1.12	9.50
1700	-	-	-	-	-	-	-	2.21	10.50
1800	-	-	-	-	-	-	-	1.68	14.53
1900	-	-	-	-	0.56	-	0.56	1.12	15.08
2000	-	-	-	-	-	-	-	0.56	13.33
2100	-	-	-	-	-	-	-	2.27	14.20
2200	-	-	-	-	-	-	-	1.69	17.98
2300	-	-	-	-	-	-	-	3.89	16.11
TOTAL	-	-	-	-	0.05	0.02	0.14	1.74	13.56

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 six-year observation, constitutes 0.05% (see Model A).

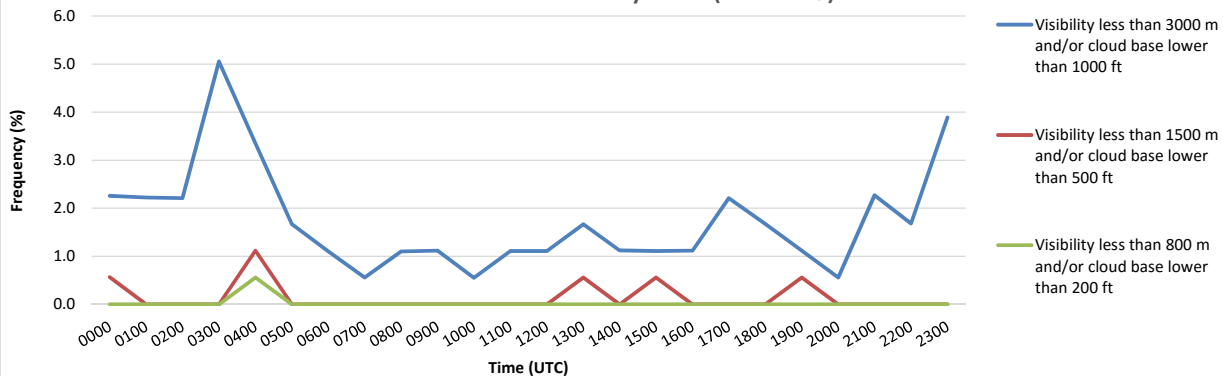
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.14% (see Model A).

### UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in November by Hours (2010-2015)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in November by Hours (2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL A**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

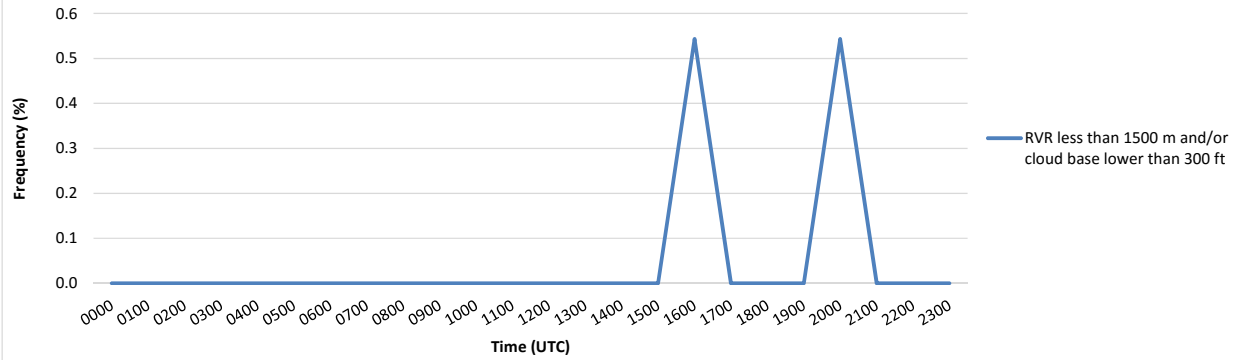
FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METRES) AND/OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN METRES/FEET) OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIMES									
TIME (UTC)	RVR/Hs					VIS/Hs			
	<50	<200	<350	<550	<1500	<800	<1500	<3000	<8000
	-	-	<30 (100FT)	<60 (200FT)	<90 (300FT)	<60 (200FT)	<150 (500FT)	<300 (1000FT)	<600 (2000FT)
0000	-	-	-	-	-	-	0.53	2.67	18.18
0100	-	-	-	-	-	-	0.53	2.14	17.11
0200	-	-	-	-	-	-	0.54	1.63	16.30
0300	-	-	-	-	-	-	-	2.15	13.44
0400	-	-	-	-	-	-	-	2.69	14.52
0500	-	-	-	-	-	-	1.07	2.14	16.04
0600	-	-	-	-	-	-	0.54	2.16	10.27
0700	-	-	-	-	-	-	-	2.15	10.75
0800	-	-	-	-	-	-	-	0.54	10.22
0900	-	-	-	-	-	-	-	-	6.99
1000	-	-	-	-	-	-	-	0.54	8.60
1100	-	-	-	-	-	-	-	-	9.19
1200	-	-	-	-	-	-	-	-	9.14
1300	-	-	-	-	-	-	-	1.08	8.60
1400	-	-	-	-	-	-	-	0.54	8.60
1500	-	-	-	-	-	-	-	1.08	10.75
1600	-	-	-	-	0.54	-	0.54	2.72	13.04
1700	-	-	-	-	-	-	-	1.61	15.59
1800	-	-	-	-	-	-	-	3.24	16.76
1900	-	-	-	-	-	-	-	2.16	14.59
2000	-	-	-	-	0.54	-	-	2.72	15.22
2100	-	-	-	-	-	-	-	2.15	15.05
2200	-	-	-	-	-	0.54	0.54	4.35	16.85
2300	-	-	-	-	-	-	-	2.17	15.22
TOTAL	-	-	-	-	0.04	0.02	0.18	1.77	12.96

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 six-year observation, constitutes 0.04% (see Model A).

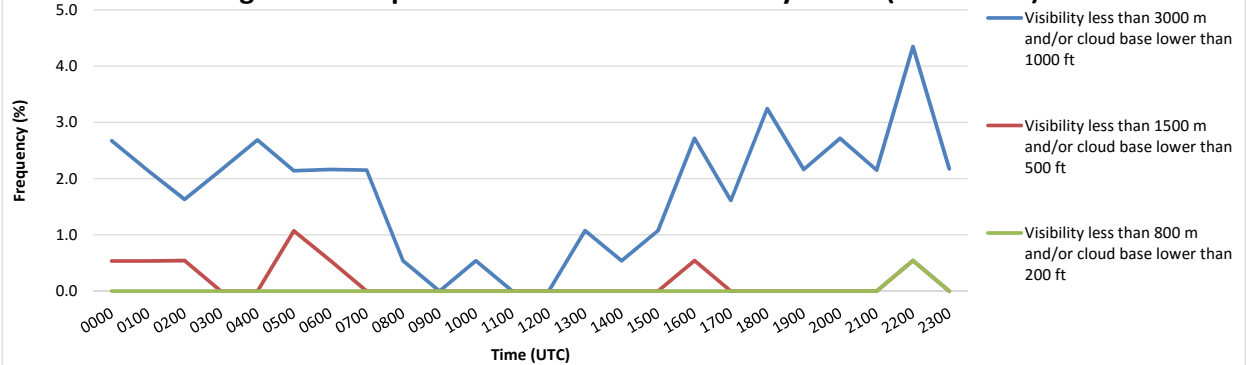
According to the rules established in aviation meteorology, the RVR should be defined whenever horizontal visibility is less than 1500 meters.

For Kutaisi International Airport, based on six-year observation, the occurrence frequency of horizontal visibility below 1500 meters and/or cloud ceiling below 500 feet is 0.18% (see Model A).

### UGKO - Frequencies of RVR and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2015)



### UGKO - Frequencies of Visibility and/or the Lowest BKN/OVC Cloud Layer Height Below Specified Values in December by Hours (2010-2015)







## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.66	0.66	0.66	0.66	1.32	3.31	7.28	21.19
0100	-	0.54	0.54	0.54	1.63	3.80	7.07	18.48
0200	0.64	0.64	0.64	0.64	0.64	1.92	5.13	17.95
0300	-	0.57	0.57	0.57	0.57	4.02	6.90	16.67
0400	-	-	0.54	0.54	0.54	1.09	7.07	16.85
0500	-	0.54	0.54	0.54	1.08	3.78	5.95	15.68
0600	0.53	0.53	0.53	0.53	0.53	1.60	3.19	17.55
0700	-	-	0.54	0.54	0.54	2.16	4.86	14.59
0800	-	-	0.55	0.55	0.55	0.55	4.92	13.11
0900	-	-	-	-	-	0.54	4.35	13.59
1000	-	-	-	-	-	1.64	2.73	13.11
1100	-	-	-	-	-	1.09	3.80	10.33
1200	-	-	0.56	0.56	0.56	1.12	2.23	10.06
1300	-	-	-	-	-	-	3.85	10.44
1400	-	-	-	-	-	1.15	3.45	10.92
1500	-	-	-	-	-	0.58	4.05	11.56
1600	-	-	-	-	0.55	1.65	4.40	12.09
1700	-	-	-	-	0.63	1.27	3.16	14.56
1800	-	-	-	-	-	0.65	3.90	15.58
1900	-	0.56	0.56	0.56	1.13	1.69	5.08	15.82
2000	-	-	-	-	0.66	1.32	2.63	13.82
2100	-	0.66	0.66	0.66	1.32	1.97	5.26	15.79
2200	-	0.65	0.65	0.65	0.65	1.94	4.52	15.48
2300	0.64	0.64	0.64	0.64	0.64	1.92	6.41	17.31
Mean	0.10	0.25	0.34	0.34	0.56	1.70	4.67	14.69

According to the climatological table of January the mean percentage of visibility values below 8000 meters is 14.69%, correspondingly, the mean percentage of 85.31% 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 0.10% (See climatological table of January, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	4.90	9.09	19.58
0100	-	-	-	-	-	2.35	6.47	20.59
0200	-	-	-	-	-	3.80	8.23	20.25
0300	-	-	-	-	-	3.55	7.10	20.12
0400	-	-	-	-	-	1.76	5.88	21.18
0500	-	-	-	-	0.60	2.98	6.55	20.24
0600	-	-	-	-	1.18	4.12	6.47	20.00
0700	-	-	-	-	0.59	2.37	5.92	17.16
0800	-	-	-	-	-	4.09	6.43	16.96
0900	-	-	-	-	0.59	3.55	4.73	13.61
1000	-	-	-	-	0.59	2.37	5.33	14.79
1100	-	-	-	-	-	4.19	6.59	13.17
1200	-	-	-	-	0.60	2.99	5.99	12.57
1300	-	-	-	-	-	1.75	5.85	11.70
1400	-	-	-	-	1.21	3.03	5.45	12.12
1500	-	-	-	-	0.61	3.66	8.54	15.85
1600	-	-	-	-	-	3.53	7.06	15.29
1700	-	-	-	-	-	3.18	8.28	14.01
1800	-	-	-	-	-	1.88	8.13	15.00
1900	-	-	-	-	-	2.94	7.06	18.24
2000	-	-	-	-	-	1.37	7.53	20.55
2100	-	-	-	-	-	2.88	8.63	22.30
2200	-	-	-	-	-	3.21	9.62	23.72
2300	-	-	-	-	-	4.26	8.51	21.28
Mean	-	-	-	-	0.25	3.11	7.06	17.51

According to the climatological table of February the mean percentage of visibility values below 8000 meters is 17.51%, correspondingly, the mean percentage of 82.49% 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 0.25% (See climatological table of February, Model B).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	0.65	1.30	1.30	1.30	2.60	6.49	19.48
0100	-	-	0.54	0.54	1.61	3.23	5.38	22.58
0200	-	-	1.18	1.18	1.18	2.94	6.47	20.59
0300	0.54	0.54	1.08	1.08	1.62	3.78	5.95	23.24
0400	-	-	-	-	1.63	2.72	9.24	21.20
0500	-	-	-	-	1.08	2.69	8.06	23.12
0600	-	-	-	-	-	1.63	6.52	17.93
0700	-	-	-	-	-	0.55	4.37	13.11
0800	-	-	-	-	-	0.54	2.72	14.13
0900	-	-	-	-	0.54	1.08	3.23	12.37
1000	-	-	-	-	0.55	1.10	2.20	12.09
1100	-	-	-	-	1.10	1.65	2.20	11.54
1200	-	-	0.55	0.55	0.55	1.10	3.31	11.60
1300	-	-	0.55	0.55	0.55	1.65	4.95	10.99
1400	-	0.57	0.57	0.57	0.57	0.57	3.41	8.52
1500	-	0.56	0.56	0.56	0.56	1.13	4.52	8.47
1600	-	-	0.55	0.55	0.55	0.55	2.20	9.34
1700	-	-	0.58	0.58	0.58	1.17	3.51	15.20
1800	-	-	0.58	0.58	0.58	1.16	1.73	14.45
1900	-	-	0.54	0.54	0.54	0.54	2.15	14.52
2000	-	-	0.64	0.64	0.64	0.64	1.91	11.46
2100	-	-	-	-	0.65	0.65	2.60	11.69
2200	-	0.60	1.19	1.19	1.19	1.19	2.38	13.69
2300	0.64	0.64	1.28	1.28	1.28	1.92	5.13	13.46
Mean	0.05	0.15	0.49	0.49	0.79	1.53	4.19	14.78

According to the climatological table of March the mean percentage of visibility values below 8000 meters is 14.78%, correspondingly, the mean percentage of 85.22% 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 0.05% (See climatological table of March, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.68	0.68	0.68	0.68	0.68	0.68	2.70	12.16
0100	0.56	0.56	0.56	0.56	0.56	0.56	3.33	18.89
0200	-	-	1.27	1.90	1.90	2.53	8.86	22.15
0300	0.57	1.71	2.86	2.86	3.43	5.14	9.71	22.29
0400	0.56	1.12	2.79	2.79	3.35	3.91	6.15	19.55
0500	-	-	1.69	1.69	1.69	2.81	3.93	15.73
0600	-	-	-	-	-	-	1.69	10.11
0700	-	-	-	-	-	-	1.13	8.47
0800	-	-	-	-	-	0.57	0.57	5.11
0900	-	-	-	-	-	0.56	1.13	5.65
1000	-	-	-	-	-	-	1.12	3.91
1100	-	-	-	-	-	-	1.15	4.02
1200	-	-	-	-	-	-	-	4.05
1300	-	-	-	-	-	-	0.56	5.65
1400	-	-	-	-	-	-	0.58	8.72
1500	-	-	-	-	-	-	1.15	6.90
1600	-	-	-	-	-	0.57	1.14	9.09
1700	-	-	-	-	-	-	0.60	10.24
1800	-	-	-	-	-	-	0.61	14.11
1900	-	-	-	-	-	0.57	1.15	11.49
2000	-	-	-	-	-	0.67	2.00	14.67
2100	-	-	-	-	-	-	2.67	12.00
2200	-	-	-	-	-	0.60	1.80	11.98
2300	-	-	-	0.68	0.68	1.35	4.05	14.19
Mean	0.10	0.17	0.41	0.46	0.51	0.85	2.41	11.30

According to the climatological table of April the mean percentage of visibility values below 8000 meters is 11.30%, correspondingly, the mean percentage of 88.70% 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 0.10% (See climatological table of April, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	0.66	0.66	1.32	3.29	7.89	20.39
0100	-	0.56	1.12	1.12	2.23	3.91	8.94	19.55
0200	0.57	0.57	1.72	1.72	4.60	6.32	13.79	36.21
0300	-	-	1.66	1.66	2.76	5.52	12.71	30.39
0400	-	0.54	0.54	0.54	1.61	3.76	5.91	18.82
0500	-	-	-	-	-	1.62	3.24	11.89
0600	-	-	-	-	-	2.19	3.28	8.74
0700	-	-	-	-	-	1.08	2.16	4.86
0800	-	-	-	-	-	-	-	2.17
0900	-	-	-	-	-	-	-	3.23
1000	-	-	-	-	-	-	1.09	1.09
1100	-	-	-	-	-	-	1.10	3.30
1200	-	-	-	-	-	-	0.55	4.37
1300	-	-	-	-	-	-	0.54	2.69
1400	-	-	-	-	-	-	0.58	3.51
1500	-	-	-	-	-	0.56	2.25	3.93
1600	-	-	-	-	-	1.09	1.09	7.07
1700	-	-	-	-	-	-	0.58	6.94
1800	-	-	-	-	-	-	-	4.85
1900	-	-	-	-	-	0.56	0.56	5.03
2000	-	-	-	-	-	0.65	0.65	4.55
2100	-	-	-	-	-	1.29	1.94	8.39
2200	-	-	-	-	-	1.12	1.69	8.99
2300	-	-	-	-	-	-	3.23	12.26
Mean	0.02	0.07	0.24	0.24	0.52	1.37	3.07	9.72

According to the climatological table of May the mean percentage of visibility values below 8000 meters is 9.72%, correspondingly, the mean percentage of 90.28% 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 May, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	1.32	9.27
0100	-	-	-	-	-	1.12	3.37	12.92
0200	0.60	0.60	0.60	0.60	0.60	1.79	6.55	10.71
0300	-	-	1.10	1.10	1.10	1.66	4.97	11.05
0400	-	-	0.56	0.56	0.56	1.67	3.33	5.56
0500	-	-	-	-	-	0.55	0.55	3.87
0600	-	-	-	-	-	-	1.12	2.25
0700	-	-	-	-	-	-	1.64	2.19
0800	-	-	-	-	0.56	1.13	1.69	3.39
0900	-	-	-	-	-	-	-	2.29
1000	-	-	-	-	-	-	-	1.12
1100	-	-	-	-	-	-	-	0.58
1200	-	-	-	-	-	-	-	0.57
1300	-	-	-	-	-	-	0.56	2.22
1400	-	-	-	-	-	-	0.57	2.86
1500	-	-	-	-	-	-	0.56	3.93
1600	-	-	-	-	-	-	-	3.89
1700	-	-	-	-	-	-	0.59	4.12
1800	-	-	-	-	-	0.60	0.60	6.02
1900	-	-	-	-	-	-	-	5.14
2000	-	-	-	-	-	-	0.65	3.87
2100	-	-	-	-	-	-	0.66	3.97
2200	-	-	-	-	-	-	-	5.03
2300	-	-	-	-	-	-	1.99	4.64
Mean	0.02	0.02	0.09	0.09	0.12	0.35	1.28	4.64

According to the climatological table of June the mean percentage of visibility values below 8000 meters is 4.64%, correspondingly, the mean percentage of 95.36% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.55	2.73	9.84
0100	-	-	-	-	-	0.55	4.92	14.75
0200	-	-	-	-	-	2.16	6.49	20.54
0300	-	-	-	-	-	1.61	5.91	16.67
0400	-	-	-	-	-	-	3.78	8.11
0500	-	-	-	-	-	0.54	1.61	4.84
0600	-	-	-	-	-	0.54	0.54	2.16
0700	-	-	-	-	-	-	0.54	1.09
0800	-	0.54	0.54	0.54	0.54	0.54	1.08	2.16
0900	-	-	-	-	-	-	0.54	1.09
1000	-	-	-	-	-	-	0.54	1.62
1100	-	-	-	-	-	-	0.54	1.08
1200	-	-	-	-	-	0.54	0.54	1.62
1300	-	-	-	-	-	1.08	1.62	1.62
1400	-	-	-	-	-	-	-	1.08
1500	-	-	-	-	-	0.54	1.08	2.15
1600	-	-	-	-	-	-	-	2.17
1700	-	-	-	-	-	-	1.09	2.19
1800	-	-	-	-	-	-	1.08	2.70
1900	0.55	0.55	0.55	0.55	0.55	0.55	1.09	5.46
2000	-	-	-	-	-	-	1.62	4.86
2100	-	-	-	-	-	-	0.55	6.59
2200	-	-	-	-	-	0.54	1.63	10.33
2300	-	-	-	-	-	0.54	3.24	9.19
Mean	0.02	0.05	0.05	0.05	0.05	0.43	1.78	5.58

According to the climatological table of July the mean percentage of visibility values below 8000 meters is 5.58%, correspondingly, the mean percentage of 94.42% 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: 2010-2014

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	-	-	12.92
0100	-	-	-	-	-	1.10	3.30	15.38
0200	-	-	0.55	0.55	0.55	2.73	7.65	20.77
0300	-	-	1.09	1.09	2.72	4.35	7.61	23.91
0400	-	-	-	-	0.54	0.54	2.72	14.67
0500	-	-	-	-	-	0.54	1.08	5.38
0600	-	-	-	-	-	0.54	1.08	2.16
0700	-	-	-	-	-	1.09	1.64	2.73
0800	-	-	-	-	-	-	2.17	2.17
0900	-	-	-	-	-	-	0.54	1.61
1000	-	-	-	-	-	0.54	0.54	1.63
1100	-	-	-	-	-	-	0.54	1.62
1200	-	-	-	-	-	-	-	1.08
1300	-	-	-	-	-	0.54	1.61	2.15
1400	-	-	-	-	-	-	0.53	2.14
1500	-	-	-	-	-	-	-	1.09
1600	-	-	-	-	-	-	0.54	2.72
1700	-	-	-	-	-	-	-	3.83
1800	-	-	-	-	-	-	1.09	4.37
1900	-	-	-	-	-	-	0.55	4.37
2000	-	-	-	-	-	-	-	2.72
2100	-	-	-	-	-	-	1.10	5.52
2200	-	-	-	-	-	-	1.65	6.59
2300	-	-	-	-	-	0.55	3.28	10.93
Mean	-	-	0.07	0.07	0.16	0.52	1.63	6.35

According to the climatological table of August the mean percentage of visibility values below 8000 meters is 6.35%, correspondingly, the mean percentage of 93.65% 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 0.07% (See climatological table of August, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	-	0.56	3.35	10.61
0100	-	0.56	0.56	0.56	0.56	3.35	5.59	11.73
0200	0.56	0.56	0.56	0.56	0.56	0.56	5.06	15.73
0300	-	0.56	1.69	1.69	1.69	2.81	7.87	21.35
0400	-	1.11	1.67	1.67	1.67	3.33	6.11	13.33
0500	-	-	-	-	-	1.11	3.89	7.22
0600	-	-	-	-	-	-	2.81	6.18
0700	-	-	-	-	-	1.12	2.23	2.79
0800	-	-	-	-	-	-	1.68	5.03
0900	-	-	-	-	-	0.56	1.12	4.47
1000	-	-	-	-	-	-	1.12	5.06
1100	-	-	-	-	-	-	-	3.37
1200	-	-	-	-	-	-	0.56	4.47
1300	-	-	-	-	-	-	1.13	3.95
1400	-	-	-	-	-	0.56	0.56	3.37
1500	-	-	-	-	-	-	1.69	5.62
1600	-	-	-	-	-	-	0.56	6.18
1700	-	-	-	-	-	-	2.23	5.03
1800	-	-	-	-	-	0.56	1.67	5.56
1900	-	-	-	-	-	-	0.56	4.44
2000	-	-	-	-	-	-	0.56	4.47
2100	-	-	-	-	-	0.56	1.69	8.47
2200	-	-	-	-	-	0.56	0.56	7.91
2300	-	-	-	-	-	-	1.68	8.94
Mean	0.02	0.12	0.19	0.19	0.19	0.65	2.26	7.30

According to the climatological table of September the mean percentage of visibility values below 8000 meters is 7.30%, correspondingly, the mean percentage of 92.70% 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 September, Model B).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL B**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	0.54	1.09	1.63	1.63	1.63	3.26	7.61	17.93
0100	-	0.54	1.08	1.08	1.08	2.16	3.78	19.46
0200	-	-	0.54	0.54	0.54	1.08	5.91	17.74
0300	-	-	-	-	0.54	2.15	8.06	18.28
0400	-	-	-	-	-	3.78	8.11	18.38
0500	-	-	1.08	1.08	1.08	1.08	2.69	12.90
0600	-	-	0.54	0.54	0.54	1.62	3.24	8.65
0700	-	-	-	-	-	1.08	3.23	9.68
0800	-	-	-	-	-	-	1.61	6.45
0900	-	-	-	-	-	0.54	1.61	5.38
1000	-	-	-	-	-	-	1.61	5.91
1100	-	-	-	-	-	-	2.15	6.45
1200	-	-	-	-	-	1.07	1.07	3.74
1300	-	-	-	-	-	-	2.72	4.35
1400	-	-	-	-	-	0.54	1.61	3.76
1500	-	-	-	-	-	0.54	3.23	5.91
1600	-	-	-	-	-	-	0.54	9.14
1700	-	-	-	-	-	-	2.15	6.99
1800	-	-	-	-	-	0.54	1.62	8.11
1900	-	-	-	-	-	-	2.69	12.90
2000	-	-	-	-	-	-	3.78	15.68
2100	-	-	-	-	0.54	1.08	3.78	12.43
2200	-	-	0.54	0.54	0.54	0.54	4.89	13.59
2300	-	-	0.54	0.54	0.54	1.09	5.98	13.04
Mean	0.02	0.07	0.25	0.25	0.29	0.92	3.49	10.70

According to the climatological table of October the mean percentage of visibility values below 8000 meters is 10.70%, correspondingly, the mean percentage of 89.30% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	0.56	2.26	7.34	17.51
0100	-	-	-	-	-	2.22	8.33	16.67
0200	-	-	-	-	-	1.66	8.84	18.78
0300	-	-	-	-	-	3.93	8.99	21.91
0400	-	-	0.56	0.56	1.12	3.35	9.50	22.35
0500	-	-	-	-	-	1.67	5.00	17.78
0600	-	-	-	-	-	1.10	3.87	13.81
0700	-	-	-	-	-	0.56	4.44	10.56
0800	-	-	-	-	-	1.10	5.49	11.54
0900	-	-	-	-	-	1.12	5.03	8.94
1000	-	-	-	-	-	0.55	3.87	7.73
1100	-	-	-	-	-	1.11	3.33	6.11
1200	-	-	-	-	-	1.11	3.89	7.22
1300	-	-	-	-	-	1.10	3.87	8.84
1400	-	-	-	-	-	1.12	2.81	10.11
1500	-	-	-	-	-	0.56	3.33	11.67
1600	-	-	-	-	-	1.12	2.79	9.50
1700	-	-	-	-	-	2.21	4.42	10.50
1800	-	-	-	-	-	1.68	4.47	14.53
1900	-	-	-	-	0.56	1.12	6.70	14.53
2000	-	-	-	-	-	0.56	5.00	13.33
2100	-	-	-	-	-	2.27	5.11	14.20
2200	-	-	-	-	-	2.26	9.04	16.38
2300	-	-	-	-	-	3.33	9.44	15.56
Mean	-	-	0.02	0.02	0.09	1.63	5.62	13.34

According to the climatological table of November the mean percentage of visibility values below 8000 meters is 13.34%, correspondingly, the mean percentage of 86.66% 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

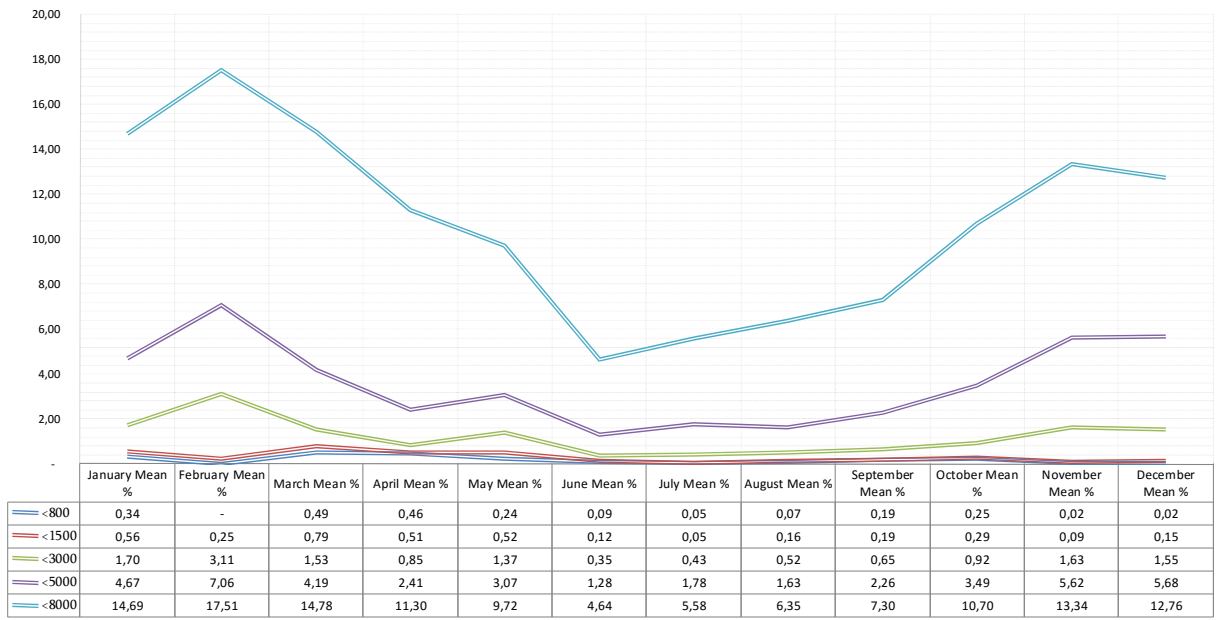
FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES (IN METRES) AT SPECIFIED TIMES								
TIME (UTC)	VISIBILITY							
	<200	<400	<600	<800	<1500	<3000	<5000	<8000
0000	-	-	-	-	0.52	2.62	5.24	17.80
0100	-	-	-	-	0.53	2.11	5.26	17.37
0200	-	-	-	-	0.53	1.60	8.56	16.04
0300	-	-	-	-	-	1.59	7.94	13.23
0400	-	-	-	-	-	1.59	7.41	14.81
0500	-	-	-	-	0.53	2.11	5.79	16.32
0600	-	-	-	-	0.53	2.13	5.32	9.57
0700	-	-	-	-	-	1.06	4.23	10.58
0800	-	-	-	-	-	-	2.65	10.05
0900	-	-	-	-	-	-	2.11	6.84
1000	-	-	-	-	-	0.53	2.65	8.47
1100	-	-	-	-	-	-	1.59	7.94
1200	-	-	-	-	-	-	2.65	8.99
1300	-	-	-	-	-	0.53	3.70	7.94
1400	-	-	-	-	-	0.53	3.17	8.47
1500	-	-	-	-	-	1.06	5.82	11.11
1600	-	-	-	-	0.53	2.67	4.81	12.83
1700	-	-	-	-	-	1.57	6.28	16.23
1800	-	-	-	-	-	2.65	8.47	16.40
1900	-	-	-	-	-	2.13	7.45	14.36
2000	-	-	-	-	-	2.14	9.63	14.97
2100	-	-	-	-	-	2.12	8.47	14.81
2200	-	-	0.53	0.53	0.53	4.26	9.57	15.96
2300	-	-	-	-	-	2.15	7.53	15.05
Mean	-	-	0.02	0.02	0.15	1.55	5.68	12.76

According to the climatological table of December the mean percentage of visibility values below 8000 meters is 12.76%, correspondingly, the mean percentage of 87.24% 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 600 meters is 0.02% (See climatological table of December, Model B).

## AVERAGE MONTHLY VISIBILITY DATA

### AVERAGE MONTHLY VISIBILITY DATA (PERCENTAGE) (UGKO 2010-2015)







## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

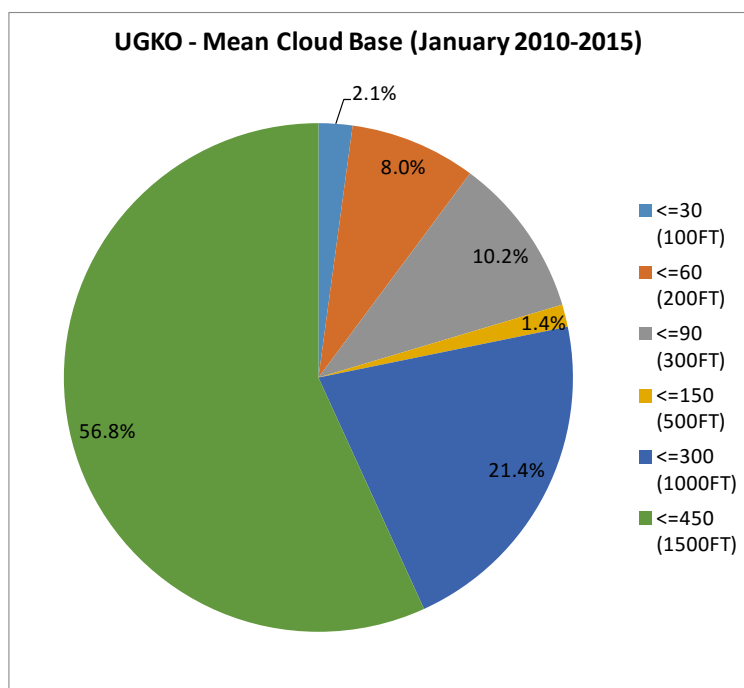
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	0.66	0.66	0.66	1.32	1.32
0100	-	-	1.09	1.09	1.63	2.17
0200	-	0.64	0.64	0.64	0.64	1.28
0300	-	0.57	0.57	0.57	0.57	0.57
0400	-	-	-	0.54	0.54	1.63
0500	-	-	0.54	0.54	1.08	1.08
0600	-	-	0.53	0.53	0.53	1.06
0700	-	0.54	0.54	0.54	0.54	0.54
0800	-	-	0.55	0.55	0.55	1.09
0900	-	-	0.54	0.54	1.09	2.72
1000	-	-	-	-	1.64	2.73
1100	-	-	-	-	1.09	3.26
1200	-	-	-	-	-	1.68
1300	-	-	-	-	-	1.10
1400	-	-	-	-	0.57	1.72
1500	-	-	-	-	-	1.16
1600	-	-	-	-	-	2.75
1700	-	-	-	-	0.63	2.53
1800	-	-	-	-	-	-
1900	-	-	-	-	-	1.13
2000	-	-	-	-	0.66	1.32
2100	0.66	0.66	0.66	0.66	0.66	0.66
2200	-	-	0.65	0.65	1.29	1.29
2300	-	0.64	0.64	0.64	1.28	3.21
Mean	0.03	0.15	0.32	0.34	0.68	1.58



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 – 56.8%
2. >500FT and <= 1000FT – 21.4%
3. >300FT and <= 500FT – 1.4%
4. >200FT and <= 300FT – 10.2%
5. >100FT and <= 200FT – 8.0%
6. <=100FT – 2.1%

In January, the mean percentage of cloud ceiling recorded above 1500 feet is 98.42% of the total amount of occurrences (See climatological table of January, Model C).

Six-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 January, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

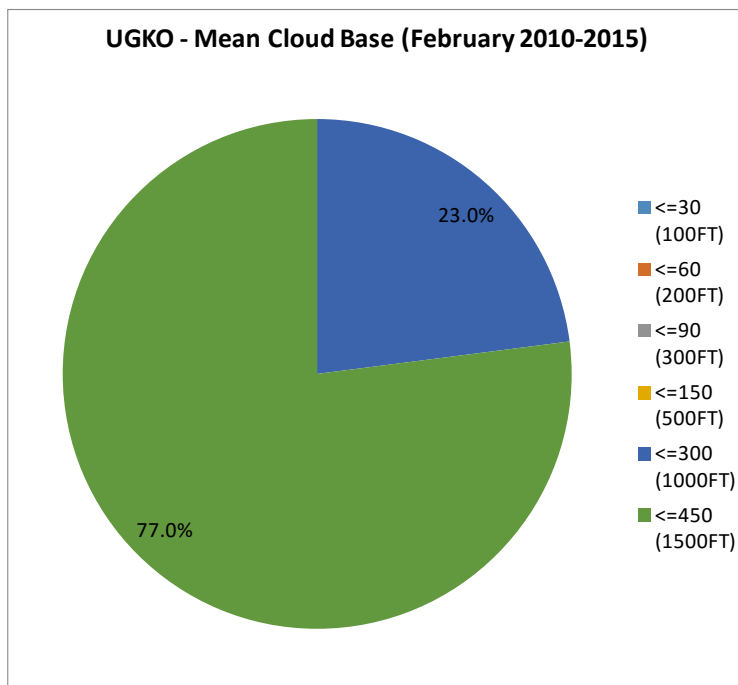
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	0.70	3.50
0100	-	-	-	-	0.59	2.35
0200	-	-	-	-	0.63	1.27
0300	-	-	-	-	0.59	1.78
0400	-	-	-	-	0.59	2.35
0500	-	-	-	-	1.79	3.57
0600	-	-	-	-	1.18	2.35
0700	-	-	-	-	-	2.37
0800	-	-	-	-	-	0.58
0900	-	-	-	-	-	0.59
1000	-	-	-	-	0.59	1.18
1100	-	-	-	-	0.60	1.80
1200	-	-	-	-	1.20	4.79
1300	-	-	-	-	1.17	3.51
1400	-	-	-	-	1.21	4.85
1500	-	-	-	-	1.22	4.27
1600	-	-	-	-	0.59	2.94
1700	-	-	-	-	0.64	4.46
1800	-	-	-	-	0.63	3.13
1900	-	-	-	-	0.59	2.37
2000	-	-	-	-	0.68	3.42
2100	-	-	-	-	-	5.04
2200	-	-	-	-	-	3.21
2300	-	-	-	-	0.71	3.55
Mean	-	-	-	-	0.66	2.88



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 – 77.0%
2. >500FT and <= 1000FT – 23.0%
3. >300FT and <= 500FT – not observed
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In February, the mean percentage of cloud ceiling recorded above 1500 feet is 97.12% of the total amount of occurrences (See climatological table of February, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.66 percent of minimum cloud height of 1000 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

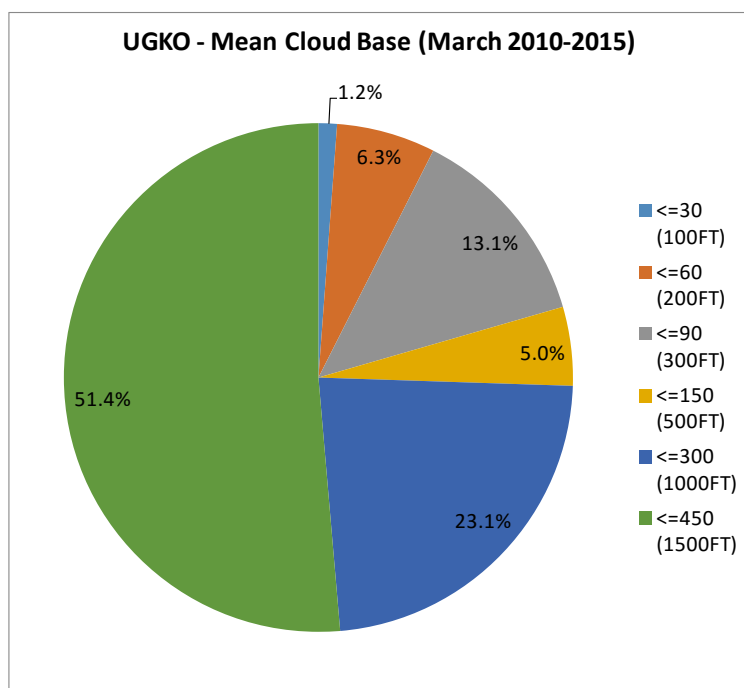
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	0.65	1.30	1.30	1.30	1.95
0100	-	-	1.08	1.08	1.61	2.69
0200	-	0.59	1.18	1.18	1.76	2.35
0300	-	0.54	0.54	1.08	1.62	2.70
0400	-	0.54	0.54	0.54	2.72	4.89
0500	-	-	-	0.54	1.61	4.30
0600	-	-	-	-	1.63	3.80
0700	-	-	-	-	0.55	1.64
0800	-	-	-	-	1.09	1.63
0900	-	-	-	-	0.54	2.15
1000	-	-	-	-	0.55	1.65
1100	-	-	-	0.55	1.10	2.20
1200	-	-	-	0.55	1.10	3.31
1300	-	-	-	0.55	1.65	2.75
1400	-	-	0.57	0.57	1.14	1.70
1500	-	0.56	0.56	0.56	1.13	2.26
1600	-	-	0.55	0.55	0.55	1.10
1700	-	-	0.58	0.58	0.58	2.34
1800	-	-	0.58	0.58	0.58	1.73
1900	-	0.54	0.54	0.54	0.54	1.61
2000	-	-	0.64	0.64	0.64	1.27
2100	-	-	0.65	0.65	0.65	1.95
2200	-	-	0.60	0.60	0.60	0.60
2300	0.64	0.64	1.28	1.28	1.28	1.92
Mean	0.03	0.17	0.47	0.58	1.10	2.27



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 – 51.4%
2. >500FT and <= 1000FT – 23.1%
3. >300FT and <= 500FT – 5.0%
4. >200FT and <= 300FT – 13.1%
5. >100FT and <= 200FT – 6.3%
6. <=100FT – 1.2%

In March, the mean percentage of cloud ceiling recorded above 1500 feet is 97.73% of the total amount of occurrences (See climatological table of March, Model C).

Six-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 March, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

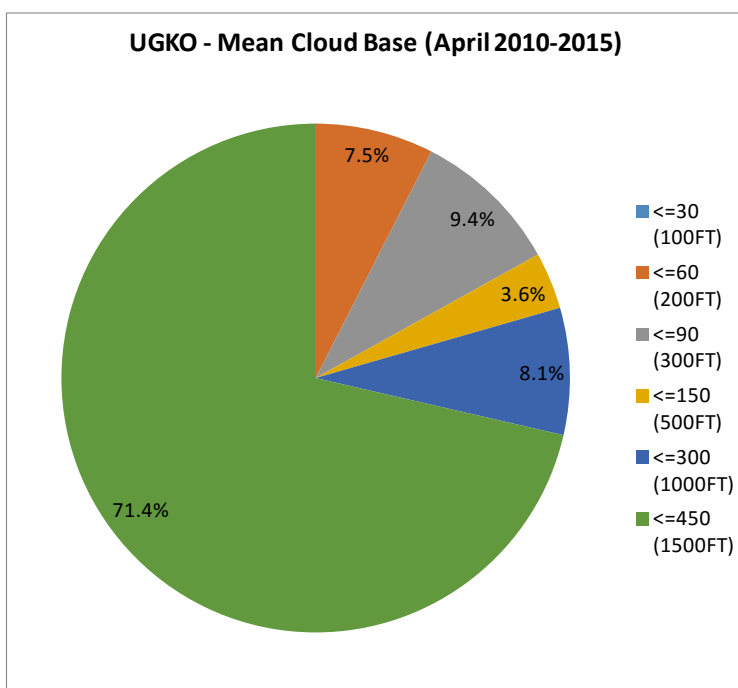
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	1.35
0100	-	-	-	-	-	-
0200	-	0.63	1.27	1.27	1.27	1.90
0300	-	0.57	2.29	2.29	2.86	4.00
0400	-	1.12	1.12	2.23	2.23	3.91
0500	-	-	0.56	0.56	0.56	1.69
0600	-	-	-	-	-	1.12
0700	-	-	-	-	-	1.69
0800	-	-	-	-	-	0.57
0900	-	-	-	-	-	-
1000	-	-	-	-	-	1.68
1100	-	-	-	-	-	1.15
1200	-	-	-	-	-	1.73
1300	-	-	-	-	-	1.69
1400	-	-	-	-	-	1.16
1500	-	-	-	-	-	1.15
1600	-	-	-	-	0.57	1.70
1700	-	-	-	-	-	1.20
1800	-	-	-	-	-	1.84
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	-	-
2300	-	-	-	-	1.35	1.35
Mean	-	0.10	0.22	0.26	0.37	1.29



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 – 71.4%
2. >500FT and <= 1000FT – 8.1%
3. >300FT and <= 500FT – 3.6%
4. >200FT and <= 300FT – 9.4%
5. >100FT and <= 200FT – 7.5%
6. <=100FT – not observed

In April, the mean percentage of cloud ceiling recorded above 1500 feet is 98.71% of the total amount of occurrences (See climatological table of April, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.10 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

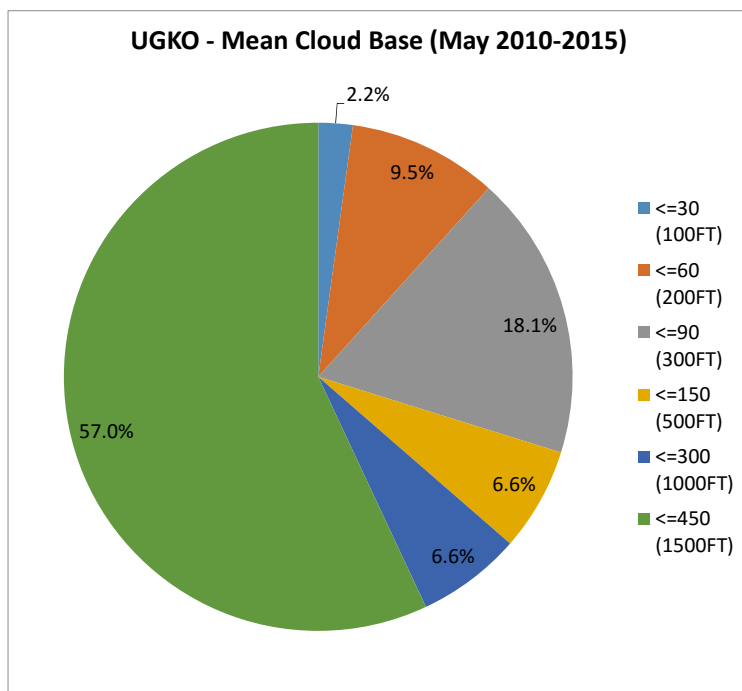
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	0.66	1.32	1.32	1.32	2.63
0100	-	0.56	1.68	1.68	2.79	2.79
0200	-	1.15	1.15	1.15	1.15	1.72
0300	-	-	1.66	2.21	2.21	2.76
0400	-	-	0.54	0.54	1.08	2.15
0500	-	-	-	-	-	1.08
0600	-	-	0.55	0.55	0.55	1.09
0700	-	-	-	0.54	0.54	1.08
0800	0.54	0.54	0.54	0.54	0.54	1.63
0900	-	-	-	-	-	0.55
1000	-	-	-	-	-	0.54
1100	-	-	-	-	-	0.55
1200	-	-	-	-	-	0.54
1300	-	-	-	-	-	1.08
1400	-	-	-	-	-	-
1500	-	-	-	-	-	0.56
1600	-	-	-	0.55	0.55	1.64
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	1.29
2200	-	-	-	-	-	0.56
2300	-	-	-	-	-	0.65
Mean	0.02	0.12	0.31	0.38	0.45	1.04



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 – 57.0%
2. >500FT and <= 1000FT – 6.6%
3. >300FT and <= 500FT – 6.6%
4. >200FT and <= 300FT – 18.1%
5. >100FT and <= 200FT – 9.5%
6. <=100FT – 2.2%

In May, the mean percentage of cloud ceiling recorded above 1500 feet is 98.96% of the total amount of occurrences (See climatological table of May, Model C).

Six-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 May, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

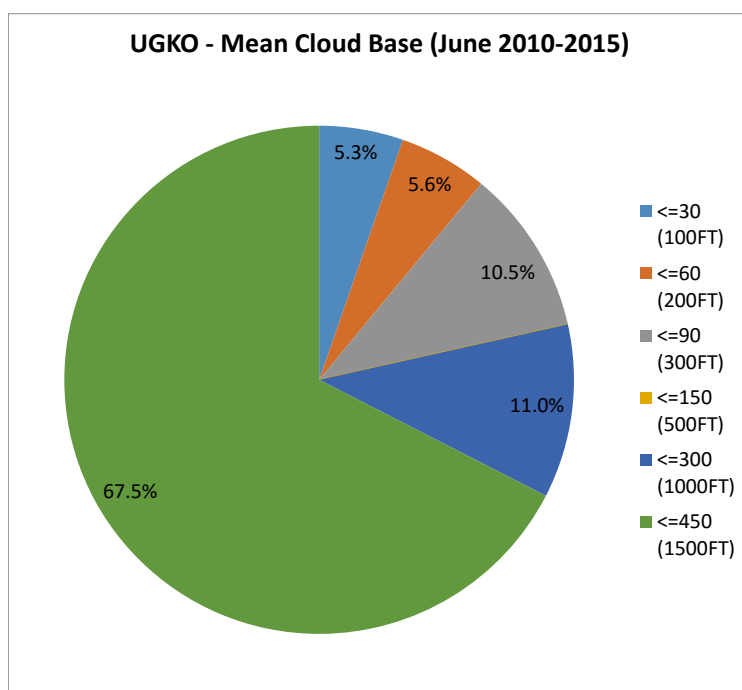
OBSERVATION INTERVAL: 1 HOUR

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	-	-	-	-	-	0.7
0100	0.6	0.6	0.6	0.6	1.1	1.1
0200	-	0.6	0.6	0.6	0.6	3.6
0300	-	-	0.6	0.6	0.6	1.1
0400	-	-	0.6	0.6	0.6	0.6
0500	-	-	-	-	-	0.6
0600	-	-	-	-	-	-
0700	-	-	-	-	-	-
0800	-	-	-	-	-	-
0900	-	-	-	-	-	-
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	-
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	-
1600	-	-	-	-	-	0.6
1700	-	-	-	-	-	0.6
1800	-	-	-	-	0.6	0.6
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	-	0.6
2300	-	-	-	-	-	0.7
Mean	0.02	0.05	0.09	0.09	0.14	0.44



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 – 67.5%
2. >500FT and <= 1000FT – 11.0%
3. >300FT and <= 500FT – not observed
4. >200FT and <= 300FT – 10.5%
5. >100FT and <= 200FT – 5.6%
6. <=100FT – 5.3%

In June, the mean percentage of cloud ceiling recorded above 1500 feet is 99.56% of the total amount of occurrences (See climatological table of June, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

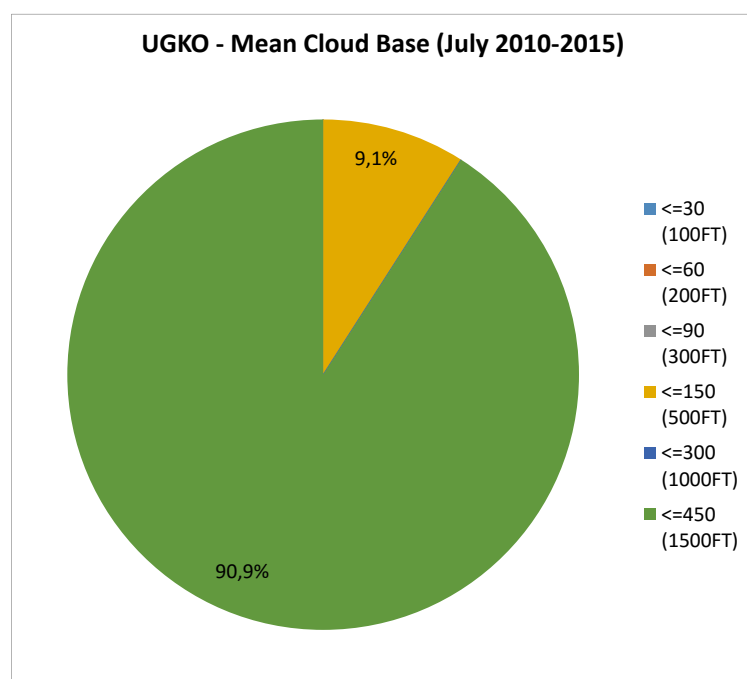
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.55
0200	-	-	-	-	-	0.54
0300	-	-	-	-	-	-
0400	-	-	-	-	-	0.54
0500	-	-	-	-	-	-
0600	-	-	-	-	-	-
0700	-	-	-	-	-	0.54
0800	-	-	-	-	-	-
0900	-	-	-	-	-	0.54
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	-
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	0.54
1600	-	-	-	-	-	0.54
1700	-	-	-	-	-	0.55
1800	-	-	-	-	-	-
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	-	-
2300	-	-	-	0.54	0.54	1.62
Mean	-	-	-	0.02	0.02	0.25



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 – 90.9%
2. >500FT and <= 1000FT – not observed
3. >300FT and <= 500FT – 9.1%
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 99.75% of the total amount of occurrences (See climatological table of July, Model C).

Six-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 July, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

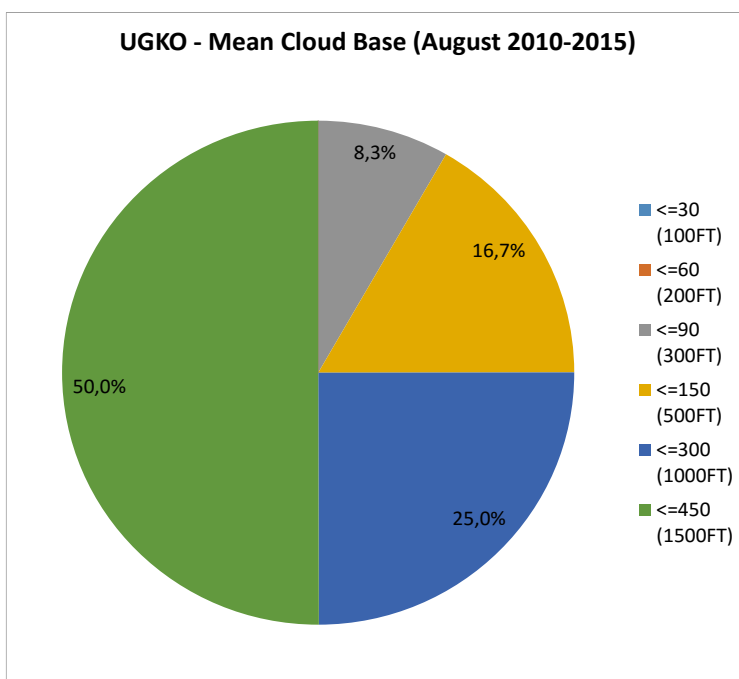
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.55
0200	-	-	-	-	-	-
0300	-	-	0.54	1.09	1.63	1.63
0400	-	-	-	-	-	1.09
0500	-	-	-	-	-	-
0600	-	-	-	-	-	-
0700	-	-	-	-	-	-
0800	-	-	-	-	-	-
0900	-	-	-	-	-	-
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	-
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	-
1600	-	-	-	-	-	-
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	-	-
2300	-	-	-	-	-	-
Mean	-	-	0.02	0.05	0.07	0.14



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 – 50.0%
2. >500FT and <= 1000FT – 25.0%
3. >300FT and <= 500FT – 16.7%
4. >200FT and <= 300FT – 8.3%
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In August, the mean percentage of cloud ceiling recorded above 1500 feet is 99.86% of the total amount of occurrences (See climatological table of August, Model C).

Six-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 August, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

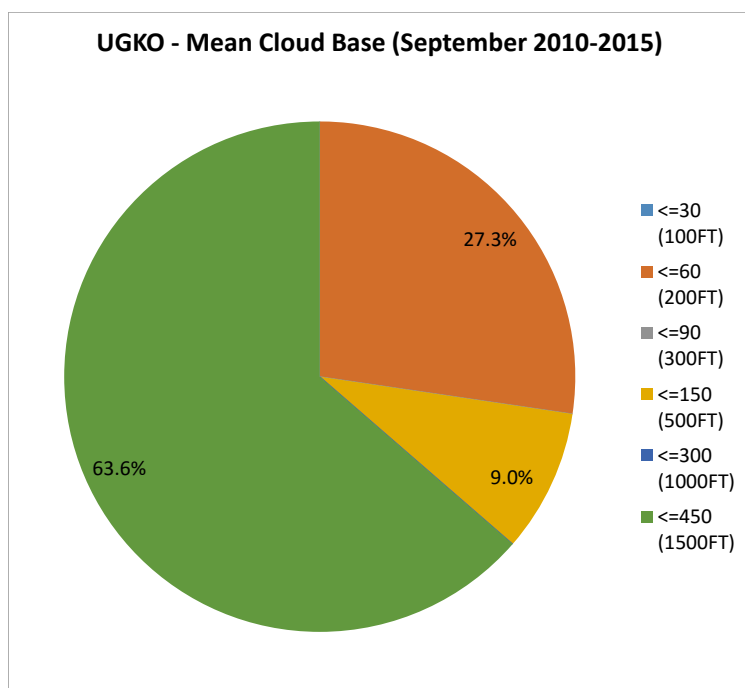
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.6
0100	-	-	-	-	-	-
0200	-	0.6	0.6	0.6	0.6	0.6
0300	-	0.6	0.6	0.6	0.6	1.1
0400	-	0.6	0.6	0.6	0.6	0.6
0500	-	-	-	-	-	1.1
0600	-	-	-	-	-	0.6
0700	-	-	-	-	-	-
0800	-	-	-	-	-	-
0900	-	-	-	-	-	-
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	0.6
1300	-	-	-	-	-	-
1400	-	-	-	-	-	-
1500	-	-	-	-	-	-
1600	-	-	-	-	-	-
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	-	-	0.6	0.6	1.1
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	-	-
2300	-	-	-	-	-	-
Mean	-	0.1	0.1	0.1	0.1	0.3



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 – 63.6%
2. >500FT and <= 1000FT – not observed
3. >300FT and <= 500FT – 9.0%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – 27.3%
6. <=100FT – not observed

In September, the mean percentage of cloud ceiling recorded above 1500 feet is 99.7% of the total amount of occurrences (See climatological table of September, Model C).

Six-year observation data on clouds revealed average occurrence probability of 0.1 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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

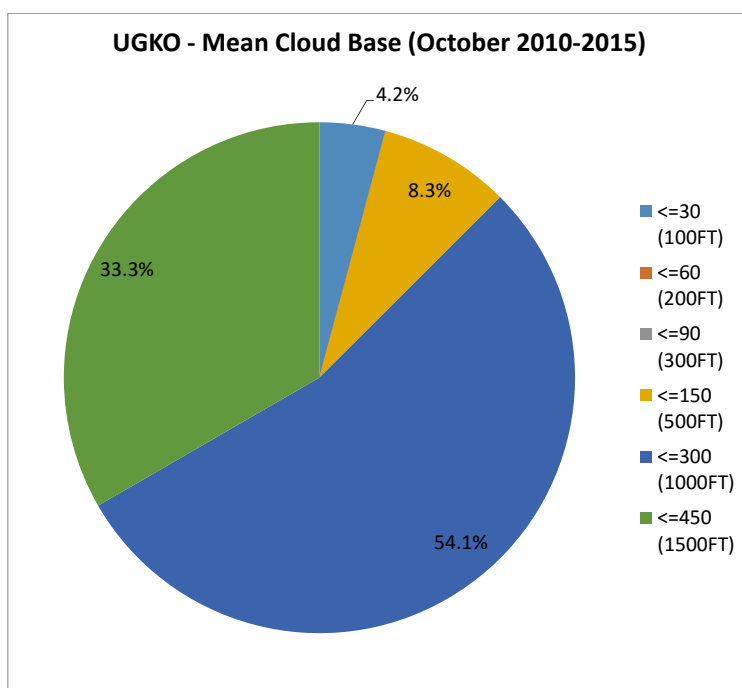
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	0.5	1.1	1.6
0100	0.5	0.5	0.5	0.5	1.6	1.6
0200	-	-	-	-	0.5	0.5
0300	-	-	-	-	0.5	0.5
0400	-	-	-	-	-	-
0500	-	-	-	0.5	0.5	0.5
0600	-	-	-	-	0.5	1.1
0700	-	-	-	-	0.5	1.1
0800	-	-	-	-	-	-
0900	-	-	-	-	0.5	1.1
1000	-	-	-	-	0.5	0.5
1100	-	-	-	-	0.5	0.5
1200	-	-	-	-	-	-
1300	-	-	-	-	-	0.5
1400	-	-	-	-	-	0.5
1500	-	-	-	-	-	-
1600	-	-	-	-	-	-
1700	-	-	-	-	-	-
1800	-	-	-	-	-	0.5
1900	-	-	-	-	-	-
2000	-	-	-	-	-	-
2100	-	-	-	-	-	-
2200	-	-	-	-	0.5	1.1
2300	-	-	-	-	1.1	1.1
Mean	0.02	0.02	0.02	0.07	0.36	0.54



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 – 33.3%
2. >500 FT and <= 1000FT – 54.1%
3. >300FT and <= 500FT – 8.3%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – 4.2%

In October, the mean percentage of cloud ceiling recorded above 1500 feet is 99.46% of the total amount of occurrences (See climatological table of October, Model C).

Six-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 October, Model C).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

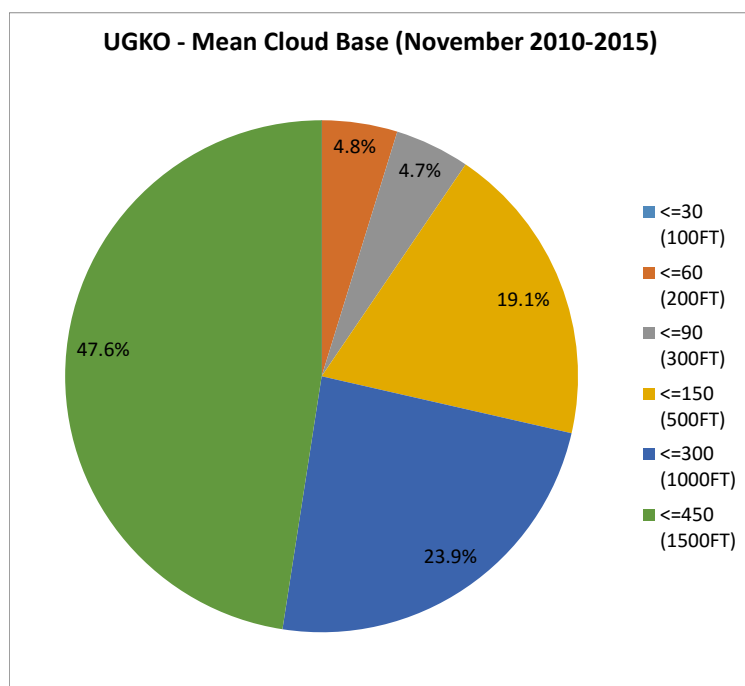
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	0.56	0.56	0.56
0100	-	-	-	-	0.56	0.56
0200	-	-	-	0.55	0.55	0.55
0300	-	-	-	-	1.12	1.69
0400	-	-	-	-	-	-
0500	-	-	-	-	-	0.56
0600	-	-	-	-	-	0.55
0700	-	-	-	-	-	2.22
0800	-	-	-	-	0.55	0.55
0900	-	-	-	-	-	-
1000	-	-	-	-	-	-
1100	-	-	-	-	-	-
1200	-	-	-	-	-	-
1300	-	-	0.55	0.55	0.55	0.55
1400	-	-	-	0.56	0.56	0.56
1500	-	-	-	0.56	0.56	0.56
1600	-	-	-	-	-	-
1700	-	-	-	-	-	-
1800	-	-	-	-	-	-
1900	-	0.56	0.56	0.56	0.56	0.56
2000	-	-	-	-	-	0.56
2100	-	-	-	-	-	0.56
2200	-	-	-	-	0.56	0.56
2300	-	-	-	-	-	0.56
Mean	-	0.02	0.05	0.14	0.26	0.49



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 – 47.6%
2. >500 FT and <= 1000FT – 23.9%
3. >300FT and <= 500FT – 19.1%
4. >200FT and <= 300FT – 4.7%
5. >100FT and <= 200FT – 4.8%
6. <=100FT – not observed

In November, the mean percentage of cloud ceiling recorded above 1500 feet is 99.51% of the total amount of occurrences (See climatological table of November, Model C).

Six-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 November, Model C).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL C**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

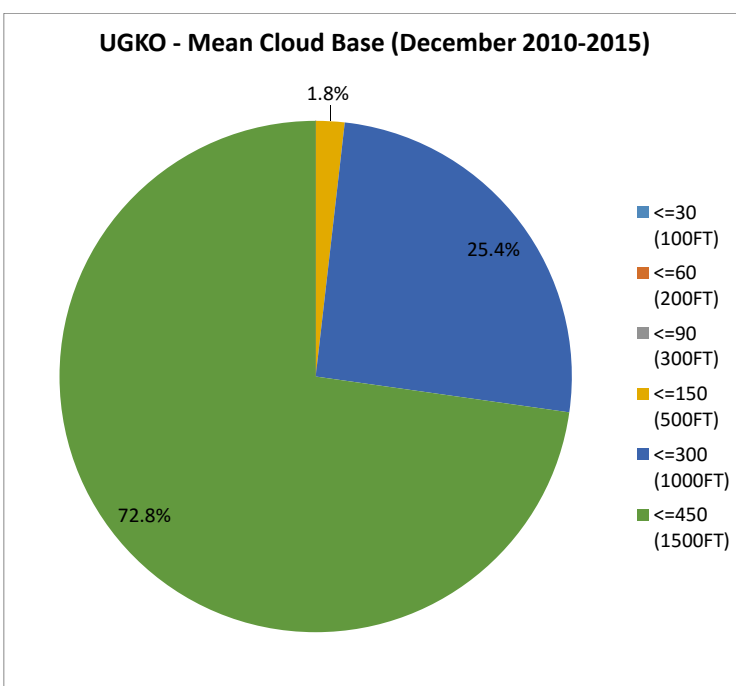
OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN METRES/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	-	-	-	-	-	0.52
0100	-	-	-	-	1.05	2.11
0200	-	-	-	-	-	0.53
0300	-	-	-	-	0.53	1.06
0400	-	-	-	-	1.06	1.06
0500	-	-	-	0.53	1.05	1.05
0600	-	-	-	-	-	2.13
0700	-	-	-	-	1.06	2.12
0800	-	-	-	-	0.53	2.12
0900	-	-	-	-	-	1.05
1000	-	-	-	-	-	1.06
1100	-	-	-	-	-	1.06
1200	-	-	-	-	-	1.06
1300	-	-	-	-	0.53	1.59
1400	-	-	-	-	-	2.12
1500	-	-	-	-	-	1.06
1600	-	-	-	-	-	1.60
1700	-	-	-	-	0.52	1.57
1800	-	-	-	-	0.53	1.06
1900	-	-	-	-	-	-
2000	-	-	-	-	1.07	1.60
2100	-	-	-	-	-	0.53
2200	-	-	-	-	-	0.53
2300	-	-	-	-	-	0.54
Mean	-	-	-	0.02	0.33	1.21



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 – 72.8%
2. >500 FT and <= 1000FT – 25.4%
3. >300FT and <= 500FT – 1.8%
4. >200FT and <= 300FT – not observed
5. >100FT and <= 200FT – not observed
6. <=100FT – not observed

In December, the mean percentage of cloud ceiling recorded above 1500 feet is 98.79% of the total amount of occurrences (See climatological table of December, Model C).

Six-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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

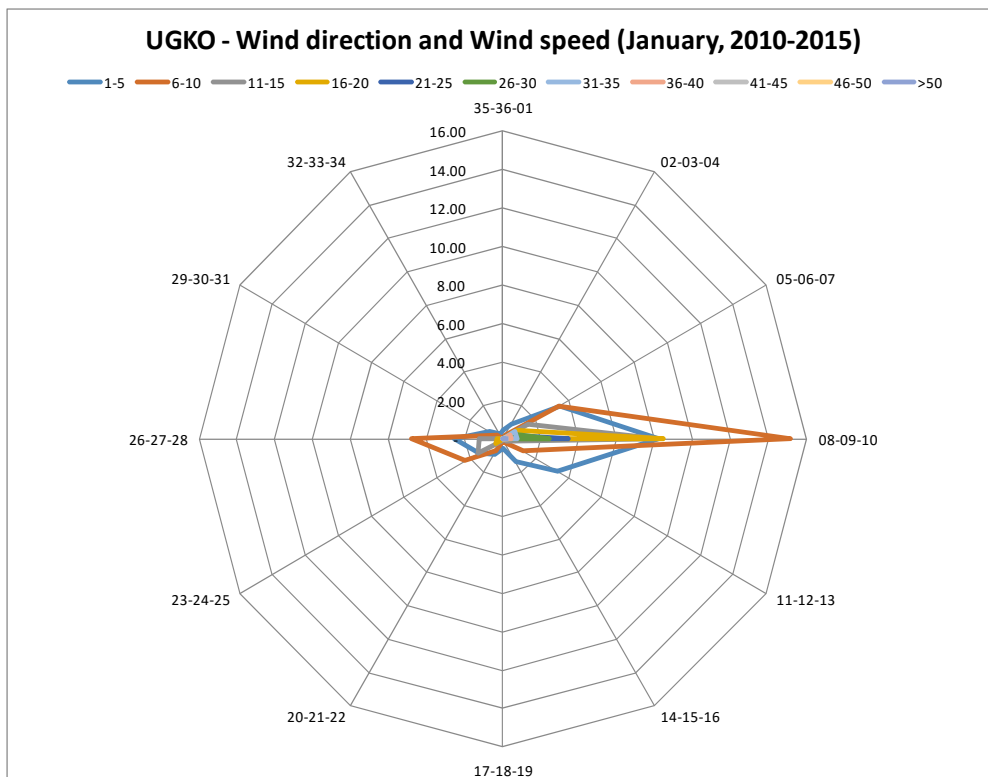
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												8.74
VARIABLE	5.31	0.24	-	-	-	-	-	-	-	-	-	5.55
35-36-01	0.44	0.08	-	-	-	-	-	-	-	-	-	0.52
02-03-04	0.84	0.24	-	-	-	-	-	-	-	-	-	1.08
05-06-07	3.45	3.43	1.52	0.91	0.36	0.49	0.76	0.42	0.13	-	-	11.46
08-09-10	8.19	15.17	8.16	8.47	3.43	2.43	0.78	0.47	0.23	0.15	0.16	47.63
11-12-13	3.32	1.26	0.19	0.03	0.03	-	-	-	-	-	-	4.84
14-15-16	1.38	0.19	-	-	0.02	-	-	-	-	-	-	1.59
17-18-19	0.52	0.15	0.06	-	-	-	-	-	-	-	-	0.73
20-21-22	0.91	0.71	0.13	0.05	-	-	-	-	-	-	-	1.80
23-24-25	1.44	2.28	1.47	0.45	-	-	-	-	-	-	-	5.65
26-27-28	2.56	4.79	1.25	0.29	-	-	-	-	-	-	-	8.89
29-30-31	0.81	0.37	0.03	-	-	-	-	-	-	-	-	1.21
32-33-34	0.29	0.02	-	-	-	-	-	-	-	-	-	0.31
TOTAL	29.45	28.95	12.82	10.20	3.84	2.91	1.54	0.89	0.36	0.15	0.16	100



**CALM**  
8.74%

**VARIABLE**  
5.55%

The prevailing wind directions of 080°-100° frequency of occurrence is 47.63%.

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 58.40%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.16%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6072

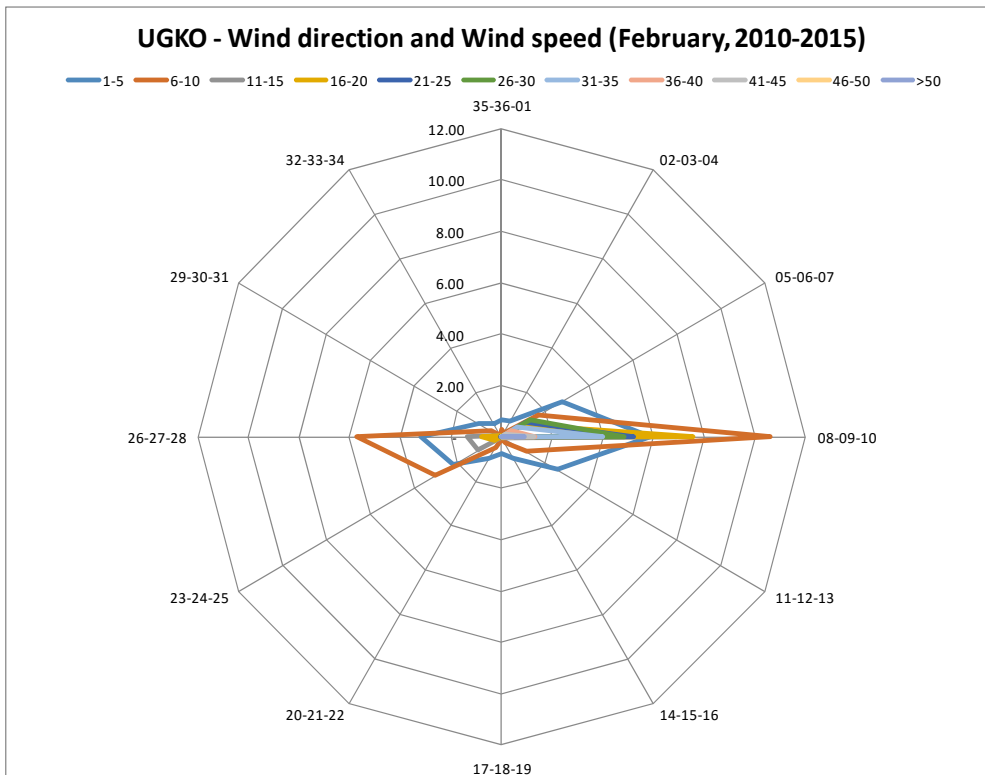
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												6.37
VARIABLE	5.06	0.57	-	0.03	-	-	-	-	-	-	-	5.67
35-36-01	0.69	0.28	-	-	-	-	-	-	-	-	-	0.96
02-03-04	0.70	0.16	-	-	-	-	-	-	-	-	-	0.87
05-06-07	2.76	1.70	0.75	0.91	1.11	1.32	0.72	0.44	0.18	-	-	9.90
08-09-10	5.86	10.61	6.92	7.58	5.21	4.82	3.98	1.32	1.26	0.49	0.90	48.95
11-12-13	2.56	1.13	0.07	0.03	-	-	-	-	-	-	-	3.79
14-15-16	0.95	0.26	-	0.07	-	-	-	-	-	-	-	1.27
17-18-19	0.64	0.10	-	-	-	-	-	-	-	-	-	0.73
20-21-22	0.98	0.47	0.05	0.02	-	-	-	-	-	-	-	1.52
23-24-25	2.19	3.00	1.06	0.29	-	-	-	-	-	-	-	6.55
26-27-28	3.18	5.73	1.34	0.78	0.05	-	-	-	-	-	-	11.09
29-30-31	1.01	0.49	0.13	0.07	-	-	-	-	-	-	-	1.70
32-33-34	0.59	0.05	-	-	-	-	-	-	-	-	-	0.64
TOTAL	27.17	24.56	10.32	9.78	6.37	6.14	4.70	1.76	1.44	0.49	0.90	100



**CALM**  
6.37%

**VARIABLE**  
5.67%

The prevailing wind directions of 080°-100° frequency of occurrence is 48.95%.

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 51.73%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.90%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

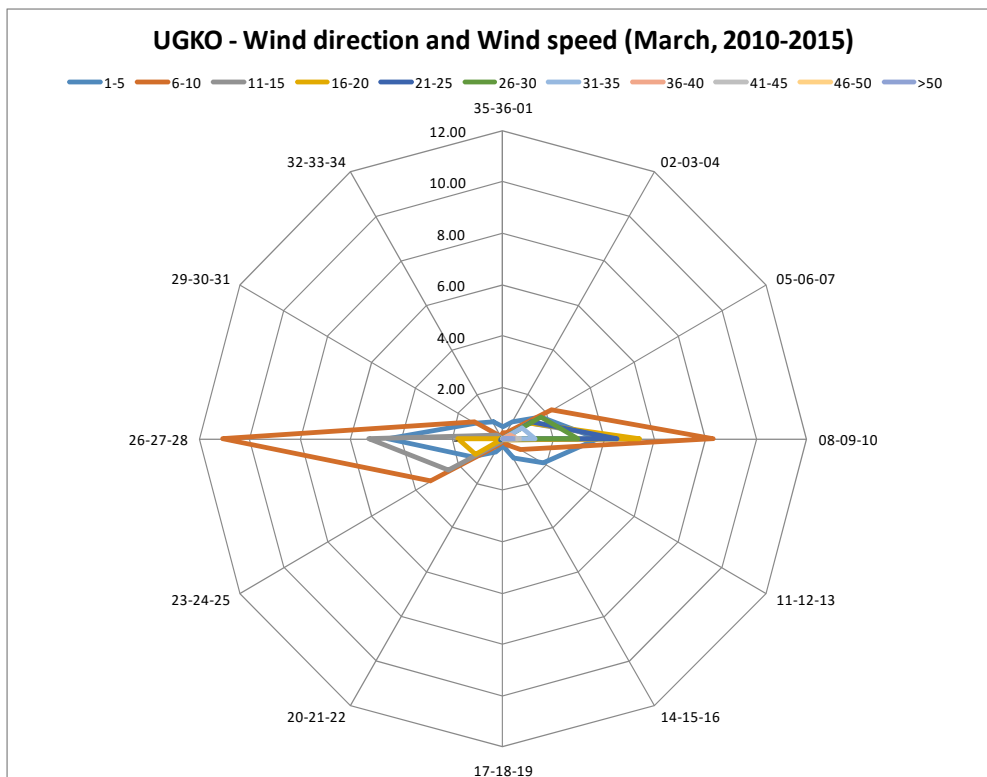
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												6.68
VARIABLE	6.59	0.99	0.03	-	-	-	-	-	-	-	-	7.61
35-36-01	0.50	0.24	-	0.02	-	-	-	-	-	-	-	0.75
02-03-04	0.78	0.27	0.03	-	-	-	-	-	-	-	-	1.09
05-06-07	1.73	2.25	1.19	1.19	1.30	1.73	0.87	0.33	0.03	-	-	10.63
08-09-10	3.77	8.32	4.69	5.41	4.52	2.94	1.27	0.57	0.62	0.39	0.39	32.89
11-12-13	1.82	0.84	0.08	0.12	-	-	-	-	-	-	-	2.86
14-15-16	0.87	0.26	0.02	-	-	-	-	-	-	-	-	1.15
17-18-19	0.27	0.08	-	-	-	-	-	-	-	-	-	0.35
20-21-22	0.57	0.26	0.14	0.02	-	-	-	-	-	-	-	0.98
23-24-25	1.42	3.32	2.46	1.25	0.09	-	-	-	-	-	-	8.53
26-27-28	4.54	11.08	5.28	1.79	0.03	0.03	-	-	-	-	-	22.74
29-30-31	1.19	1.30	0.29	0.03	-	-	-	-	-	-	-	2.80
32-33-34	0.77	0.14	0.03	0.02	-	-	-	-	-	-	-	0.95
TOTAL	24.82	29.33	14.21	9.84	5.94	4.70	2.14	0.90	0.65	0.39	0.39	100



**CALM**  
6.68%

**VARIABLE**  
7.61%

The prevailing wind directions of 080°-100° frequency of occurrence is 32.89%.

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 54.15%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.39%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

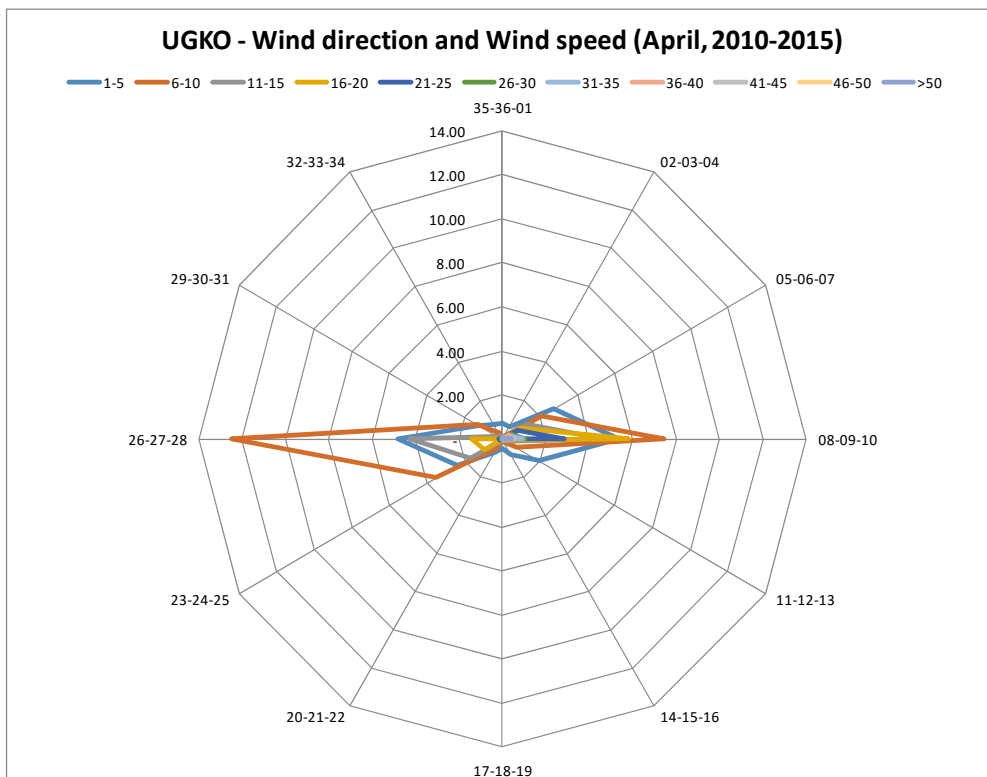
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												7.02
VARIABLE	9.81	1.04	0.02	-	-	-	-	-	-	-	-	10.87
35-36-01	0.74	0.08	0.02	-	-	-	-	-	-	-	-	0.84
02-03-04	0.67	0.16	0.03	-	-	-	-	-	-	-	-	0.85
05-06-07	2.71	2.12	1.36	1.01	0.82	0.45	0.36	0.37	-	-	-	9.21
08-09-10	5.35	7.43	4.63	5.78	2.84	1.04	0.91	0.33	0.22	0.51	0.47	29.50
11-12-13	1.95	0.76	0.17	0.08	-	-	-	-	-	-	-	2.96
14-15-16	0.79	0.19	0.03	0.03	-	-	-	-	-	-	-	1.04
17-18-19	0.43	0.09	-	-	-	-	-	-	-	-	-	0.53
20-21-22	0.67	0.48	0.09	-	-	-	-	-	-	-	-	1.24
23-24-25	2.39	3.50	1.71	0.95	0.14	0.03	-	-	-	-	-	8.71
26-27-28	4.82	12.46	4.25	1.40	0.17	0.05	-	-	-	-	-	23.14
29-30-31	1.26	1.33	0.25	0.06	-	-	-	-	-	-	-	2.90
32-33-34	0.74	0.33	0.11	0.02	-	-	-	-	-	-	-	1.19
TOTAL	32.34	29.96	12.66	9.32	3.97	1.57	1.27	0.70	0.22	0.51	0.47	100.00



**CALM**  
7.02%

**VARIABLE**  
10.87%

The prevailing wind directions of 080°-100° frequency of occurrence is 29.50%.

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 62.30%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.47%).



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

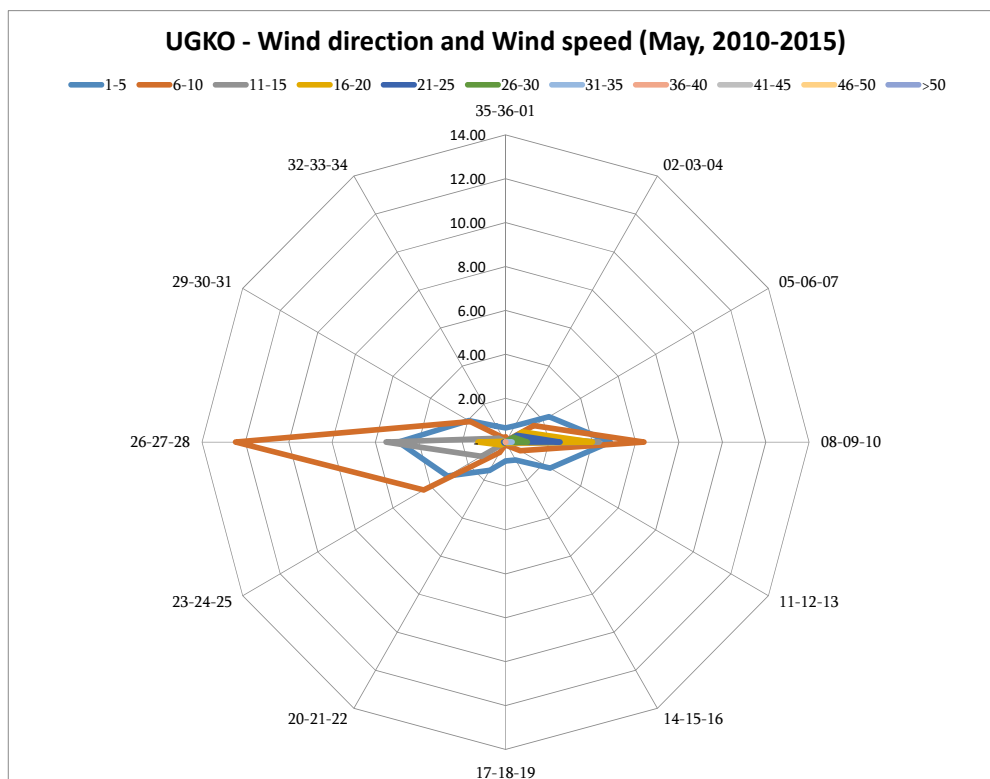
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												9.40
VARIABLE	11.64	0.98	0.02	0.02	-	-	-	-	-	-	-	12.65
35-36-01	0.65	0.24	0.02	-	-	-	-	-	-	-	-	0.90
02-03-04	0.86	0.08	0.02	-	-	-	-	-	-	-	-	0.95
05-06-07	2.31	1.50	0.57	0.92	0.62	0.44	0.05	-	-	-	-	6.40
08-09-10	4.84	6.38	4.31	4.01	2.51	1.01	0.30	0.02	-	-	-	23.37
11-12-13	2.37	0.78	0.14	0.08	-	-	-	-	-	-	-	3.36
14-15-16	0.95	0.20	0.02	-	-	-	-	-	-	-	-	1.16
17-18-19	0.86	0.11	-	-	-	-	-	-	-	-	-	0.96
20-21-22	1.49	0.54	0.03	0.02	-	-	-	-	-	-	-	2.07
23-24-25	3.09	4.36	1.29	0.26	0.08	0.02	-	-	-	-	-	9.09
26-27-28	4.94	12.45	5.51	1.28	0.09	0.02	-	-	-	-	-	24.29
29-30-31	1.97	1.88	0.36	0.08	-	-	-	-	-	-	-	4.28
32-33-34	0.84	0.24	0.03	-	-	-	-	-	-	-	-	1.11
TOTAL	36.80	29.73	12.30	6.64	3.29	1.47	0.35	0.02	-	-	-	100.00



**CALM**  
9.40%

**VARIABLE**  
12.65%

The prevailing wind directions of 260°-280° frequency of occurrence is 24.29% and that of 080°-100° directions frequency of occurrence is 23.37%..

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 66.53%).

The maximum wind of 36-40 knots is observed within the 080°-100° sector (frequency of occurrence 0.02%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

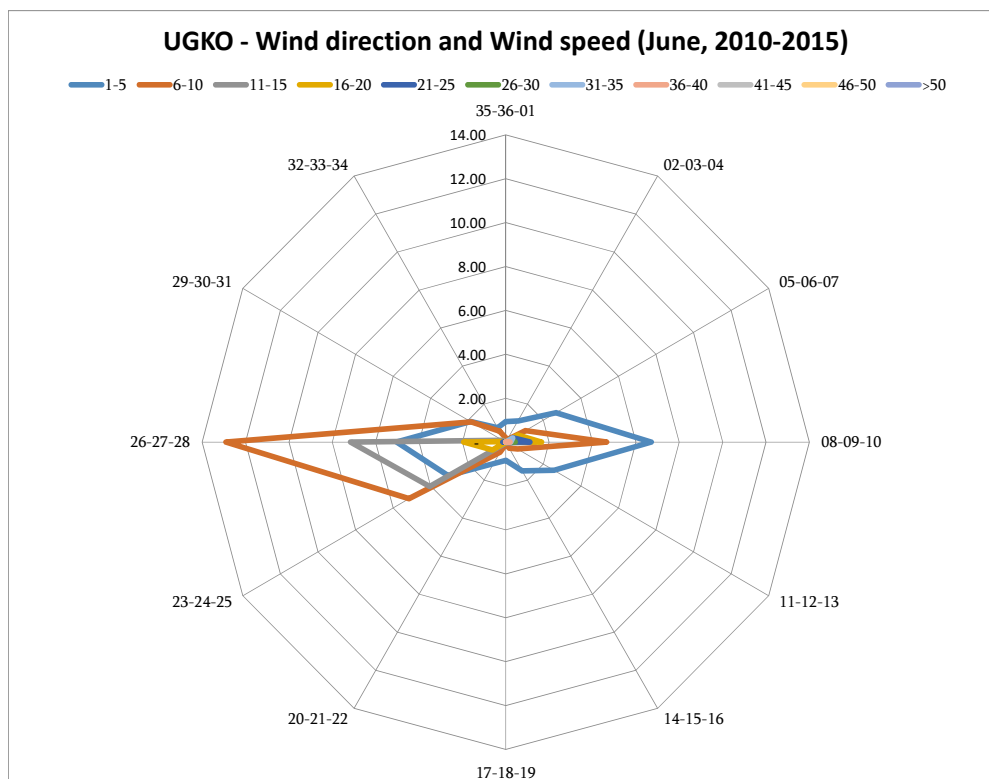
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												9.65
VARIABLE	11.66	0.86	0.06	-	-	-	-	-	-	-	-	12.58
35-36-01	0.94	0.20	-	-	-	-	-	-	-	-	-	1.14
02-03-04	1.11	0.12	0.02	-	-	-	-	-	-	-	-	1.25
05-06-07	2.68	1.05	0.29	0.65	0.38	0.29	0.37	0.06	-	-	-	5.77
08-09-10	6.71	4.65	1.37	1.65	1.11	0.43	0.23	0.20	-	-	-	16.35
11-12-13	2.57	0.63	0.06	-	-	-	-	-	-	-	-	3.26
14-15-16	1.51	0.32	-	0.03	-	-	-	-	-	-	-	1.86
17-18-19	0.83	0.09	0.02	-	-	-	-	-	-	-	-	0.94
20-21-22	1.14	0.52	0.08	-	-	-	-	-	-	-	-	1.74
23-24-25	3.06	5.16	4.05	0.71	0.02	-	-	-	-	-	-	12.99
26-27-28	5.03	12.90	7.16	1.94	0.14	0.02	-	-	-	-	-	27.19
29-30-31	1.88	1.83	0.17	0.05	-	-	-	-	-	-	-	3.93
32-33-34	0.75	0.57	0.02	-	-	-	-	-	-	-	-	1.34
TOTAL	39.88	28.91	13.29	5.02	1.65	0.74	0.60	0.26	-	-	-	100.00



**CALM**  
9.65%

**VARIABLE**  
12.58%

The prevailing wind directions of 260°-280° frequency of occurrence is 27.19%.

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 68.79%).

The maximum wind of 36-40 knots is observed within the 050°-100° sector (frequency of occurrence 0.26%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

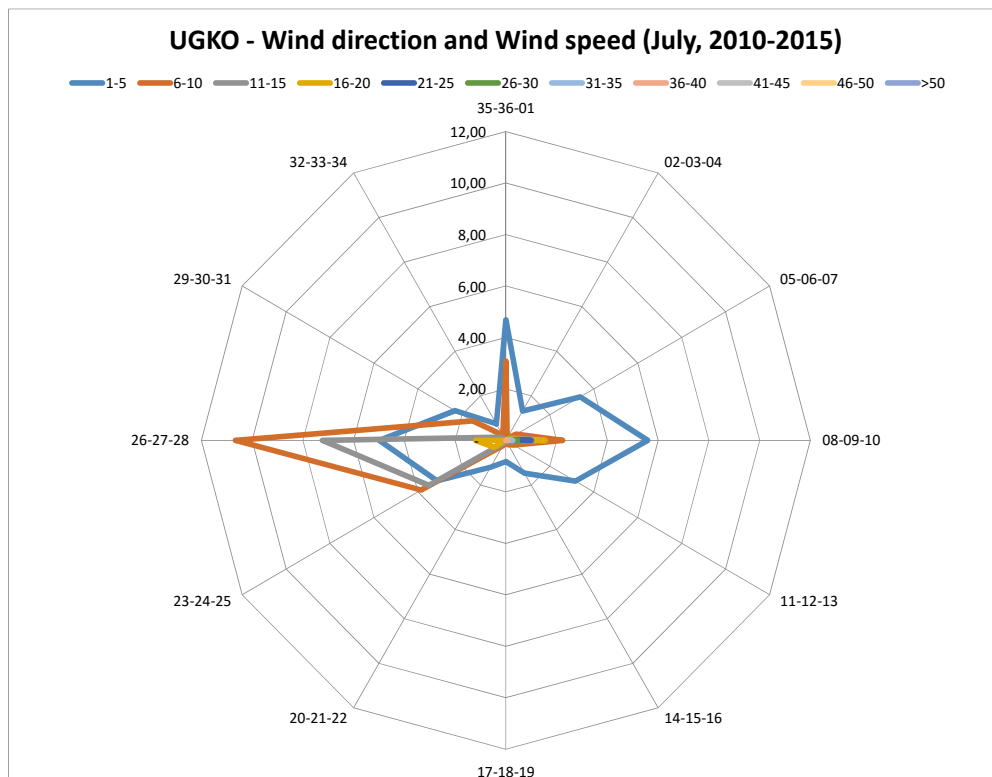
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												12.67
VARIABLE	12.57	0.53	0.02	-	-	-	-	-	-	-	-	13.11
35-36-01	4.68	3.08	0.02	-	-	-	-	-	-	-	-	7.78
02-03-04	1.32	0.11	0.02	0.02	-	-	-	-	-	-	-	1.46
05-06-07	3.38	0.48	0.21	0.11	0.06	-	0.05	0.05	-	-	-	4.32
08-09-10	5.58	2.24	1.49	1.55	1.01	0.41	0.27	0.09	-	-	-	12.63
11-12-13	3.17	0.36	0.11	0.03	0.02	-	-	-	-	-	-	3.68
14-15-16	1.47	0.20	0.02	-	-	0.02	-	-	-	-	-	1.70
17-18-19	0.83	0.12	-	-	-	-	-	-	-	-	-	0.95
20-21-22	1.20	0.24	0.09	-	-	-	-	-	-	-	-	1.53
23-24-25	3.14	3.86	3.50	0.54	-	-	-	-	-	-	-	11.03
26-27-28	4.98	10.66	7.24	1.19	-	-	-	-	-	-	-	24.07
29-30-31	2.31	1.52	0.24	-	-	-	-	-	-	-	-	4.07
32-33-34	0.75	0.24	0.03	-	-	-	-	-	-	-	-	1.02
TOTAL	45.38	23.62	12.96	3.42	1.08	0.42	0.32	0.14	-	-	-	100.00



**CALM**  
12.67%

**VARIABLE**  
13.11%

The prevailing wind directions of 260°-280° frequency of occurrence is 24.07%.

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 69.00%).

The maximum wind of 36-40 knots is observed within the 050°-100° sector (frequency of occurrence 0.14%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

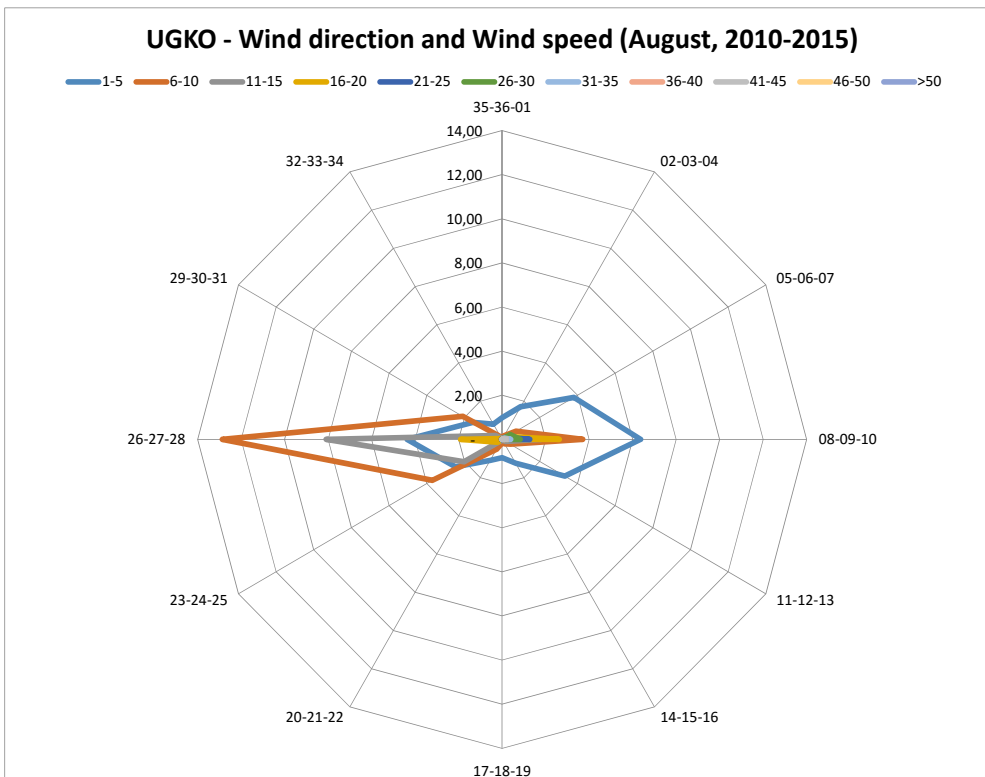
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												11.14
VARIABLE	13.07	0.71	0.05	-	-	-	-	-	-	-	-	13.83
35-36-01	0.98	0.11	0.02	-	-	-	-	-	-	-	-	1.10
02-03-04	1.71	0.20	-	-	-	-	-	-	-	-	-	1.90
05-06-07	3.81	0.74	0.18	0.27	0.20	0.44	0.12	-	-	-	-	5.76
08-09-10	6.36	3.70	1.80	2.63	1.27	0.83	0.39	0.12	0.14	-	-	17.25
11-12-13	3.33	0.44	0.20	-	-	-	-	-	-	-	-	3.96
14-15-16	1.25	0.23	0.05	0.03	0.02	-	-	-	-	-	-	1.57
17-18-19	0.83	0.17	0.02	-	-	-	-	-	-	-	-	1.01
20-21-22	1.10	0.51	0.06	-	-	-	-	-	-	-	-	1.68
23-24-25	2.48	3.70	2.03	0.26	0.02	-	-	-	-	-	-	8.48
26-27-28	4.37	12.86	8.09	1.90	0.03	-	-	-	-	-	-	27.25
29-30-31	1.54	2.09	0.36	0.08	-	-	-	-	-	-	-	4.07
32-33-34	0.80	0.14	0.06	-	-	-	-	-	-	-	-	1.00
TOTAL	41.64	25.59	12.89	5.17	1.53	1.27	0.51	0.12	0.14	-	-	100.00



**CALM**  
11.14%

**VARIABLE**  
13.83%

The prevailing wind directions of 260°-280° frequency of occurrence is 27.25%.

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 67.23%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.14%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

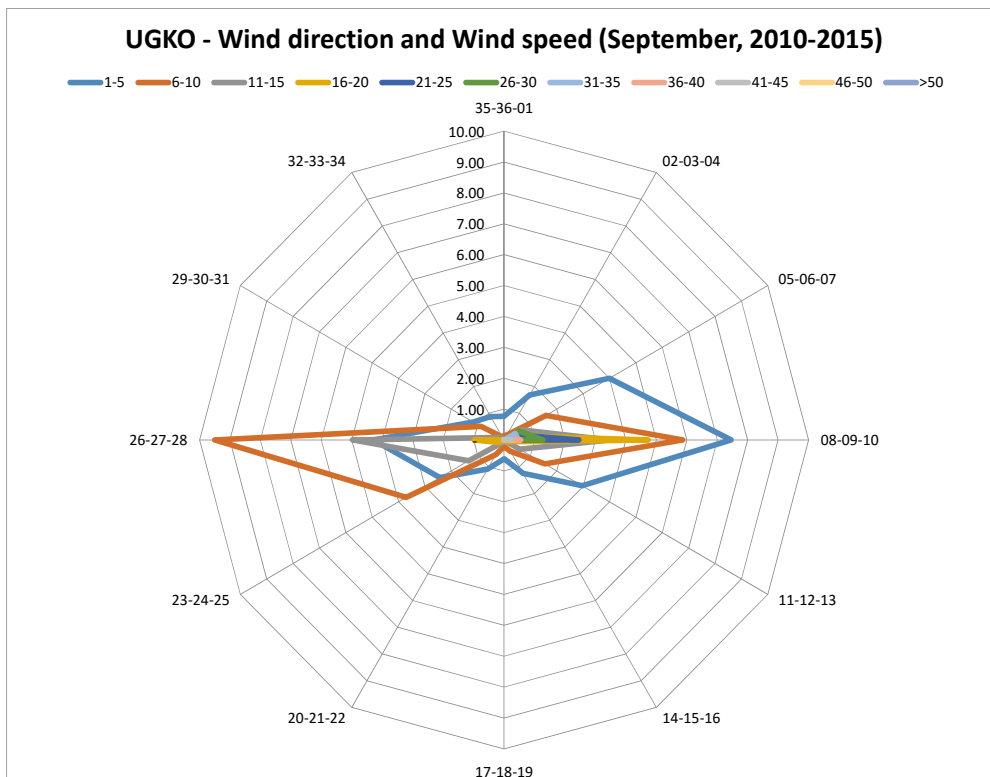
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												10.10
VARIABLE	11.69	0.84	-	-	-	-	-	-	-	-	-	12.53
35-36-01	0.76	0.14	0.02	-	-	-	-	-	-	-	-	0.92
02-03-04	1.69	0.19	0.02	-	-	-	-	-	-	-	-	1.89
05-06-07	3.99	1.59	0.66	0.30	0.36	0.58	0.42	-	-	-	-	7.90
08-09-10	7.46	5.87	3.46	4.73	2.45	1.28	0.47	0.55	0.25	-	-	26.51
11-12-13	2.96	1.54	0.59	0.11	0.02	-	-	-	-	-	-	5.23
14-15-16	1.25	0.42	0.02	0.02	-	-	-	-	-	-	-	1.70
17-18-19	0.61	0.22	0.02	-	-	-	-	-	-	-	-	0.84
20-21-22	1.09	0.55	0.09	0.02	-	-	-	-	-	-	-	1.75
23-24-25	2.43	3.71	1.34	0.17	-	-	-	-	-	-	-	7.66
26-27-28	4.29	9.50	4.98	0.98	-	-	-	-	-	-	-	19.75
29-30-31	1.17	0.87	0.17	0.02	-	-	-	-	-	-	-	2.23
32-33-34	0.87	0.11	-	0.02	-	-	-	-	-	-	-	1.00
TOTAL	40.27	25.56	11.36	6.35	2.82	1.86	0.89	0.55	0.25	-	-	100.00



**CALM**  
10.10%  
**VARIABLE**  
12.53%

The prevailing wind directions of 080°-100° frequency of occurrence is 26.51%.

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 65.83%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.25%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

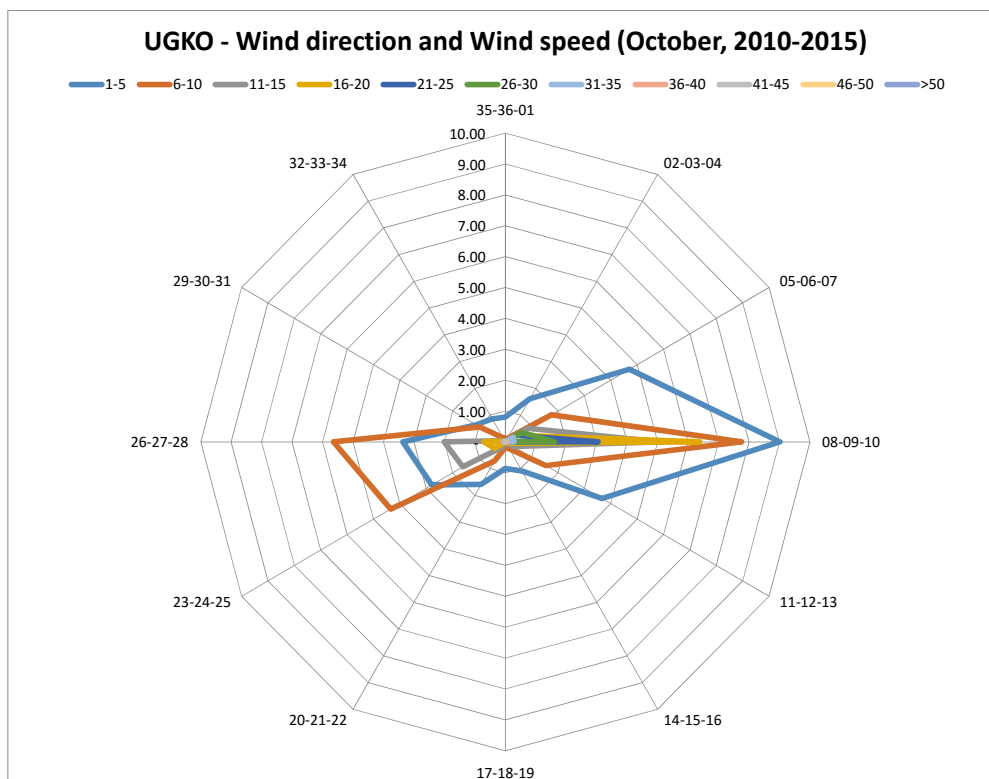
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												9.38
VARIABLE	10.23	0.50	-	-	-	-	-	-	-	-	-	10.73
35-36-01	0.80	0.08	0.03	-	-	-	-	-	-	-	-	0.91
02-03-04	1.61	0.12	0.03	-	-	-	-	-	-	-	-	1.76
05-06-07	4.71	1.75	0.87	0.42	0.42	0.62	0.30	-	-	-	-	9.10
08-09-10	9.02	7.75	5.05	6.38	3.05	1.61	0.29	0.06	0.02	-	-	33.23
11-12-13	3.67	1.54	0.30	0.09	-	-	-	-	-	-	-	5.60
14-15-16	1.09	0.26	0.05	-	-	-	-	-	-	-	-	1.39
17-18-19	0.86	0.18	-	0.02	-	-	-	-	-	-	-	1.06
20-21-22	1.58	0.72	0.20	0.02	-	-	-	-	-	-	-	2.52
23-24-25	2.79	4.34	1.61	0.41	0.02	0.03	-	-	-	-	-	9.20
26-27-28	3.36	5.64	2.01	0.71	0.05	0.03	0.08	0.03	-	-	-	11.90
29-30-31	1.10	0.97	0.08	0.05	-	-	-	-	-	-	-	2.19
32-33-34	0.86	0.15	0.03	-	-	-	-	-	-	-	-	1.04
TOTAL	41.68	24.00	10.26	8.09	3.53	2.29	0.66	0.09	0.02	-	-	100.00



**CALM**  
9.38%

**VARIABLE**  
10.73%

The prevailing wind directions of 080°-100° frequency of occurrence is 33.23%.

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 65.68%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.02%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

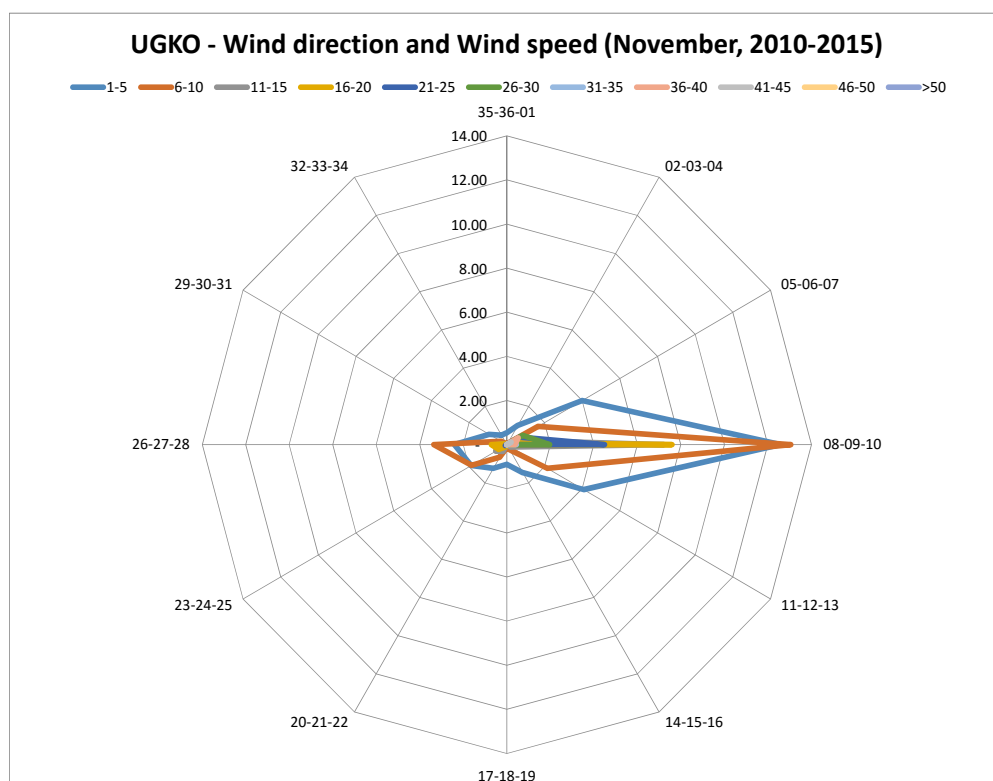
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												8.20
VARIABLE	6.71	0.26	-	-	-	-	-	-	-	-	-	6.97
35-36-01	0.68	0.12	-	-	-	-	-	-	-	-	-	0.80
02-03-04	1.06	0.11	0.02	-	-	-	-	-	-	-	-	1.18
05-06-07	4.31	2.10	0.64	0.26	0.55	0.66	0.17	0.48	0.18	-	-	9.36
08-09-10	13.05	13.08	7.65	6.60	3.55	1.54	0.34	0.29	0.02	-	-	46.10
11-12-13	4.73	2.16	0.18	0.02	-	-	-	-	-	-	-	7.09
14-15-16	1.73	0.26	-	-	-	-	-	-	-	-	-	2.00
17-18-19	0.86	0.15	0.02	-	-	-	-	-	-	-	-	1.03
20-21-22	1.20	0.63	0.35	0.09	-	-	-	-	-	-	-	2.27
23-24-25	2.12	1.92	0.66	0.46	0.20	0.02	-	-	-	-	-	5.37
26-27-28	2.55	2.93	0.63	0.78	0.20	0.05	0.06	-	-	-	-	7.20
29-30-31	1.12	0.40	0.17	0.08	-	-	-	-	-	-	-	1.77
32-33-34	0.60	0.03	0.03	-	-	-	-	-	-	-	-	0.66
TOTAL	40.71	24.16	10.35	8.29	4.50	2.26	0.57	0.77	0.20	-	-	100.00



**CALM**  
8.20%

**VARIABLE**  
6.97%

The prevailing wind directions of 080°-100° frequency of occurrence is 46.10%.

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 64.87%).

The maximum wind of 41-45 knots is observed within the 050°-070° and 080°-100° sectors (frequency of occurrence 0.20%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

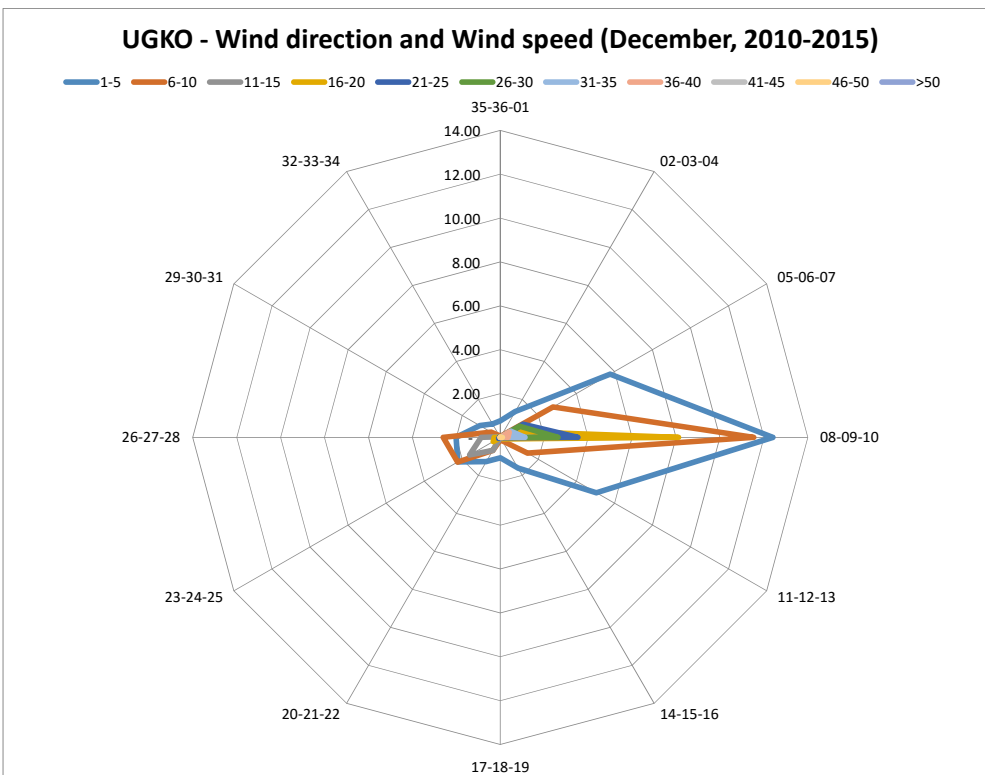
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												5.20
VARIABLE	7.41	0.15	-	-	-	-	-	-	-	-	-	7.56
35-36-01	0.75	0.07	-	-	-	-	-	-	-	-	-	0.83
02-03-04	1.37	0.07	-	-	-	-	-	-	-	-	-	1.45
05-06-07	5.77	2.78	0.69	0.55	1.20	1.02	0.56	0.47	-	-	-	13.04
08-09-10	12.41	11.53	5.05	8.11	3.53	2.63	1.12	0.35	0.10	0.09	-	44.93
11-12-13	5.05	1.43	0.10	0.13	0.03	-	-	-	-	-	-	6.75
14-15-16	1.61	0.18	-	-	-	-	-	-	-	-	-	1.79
17-18-19	0.93	0.10	-	-	-	-	-	-	-	-	-	1.03
20-21-22	1.27	0.68	0.68	0.01	-	-	-	-	-	-	-	2.64
23-24-25	2.23	2.24	1.61	0.37	0.09	-	-	-	-	-	-	6.54
26-27-28	2.01	2.60	0.87	0.28	0.04	0.01	-	-	-	-	-	5.82
29-30-31	1.08	0.47	0.06	-	-	-	-	-	-	-	-	1.61
32-33-34	0.71	0.09	0.01	-	-	-	-	-	-	-	-	0.81
TOTAL	42.61	22.40	9.08	9.45	4.89	3.66	1.68	0.83	0.10	0.09	-	100.00



**CALM**  
5.20%

**VARIABLE**  
7.56%

The prevailing wind directions of 080°-100° frequency of occurrence is 44.93%.

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 65.01%).

The maximum wind of 46-50 knots is observed within the 080°-100° sector (frequency of occurrence 0.09%).





## WIND GUST SPEED AND DIRECTION

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

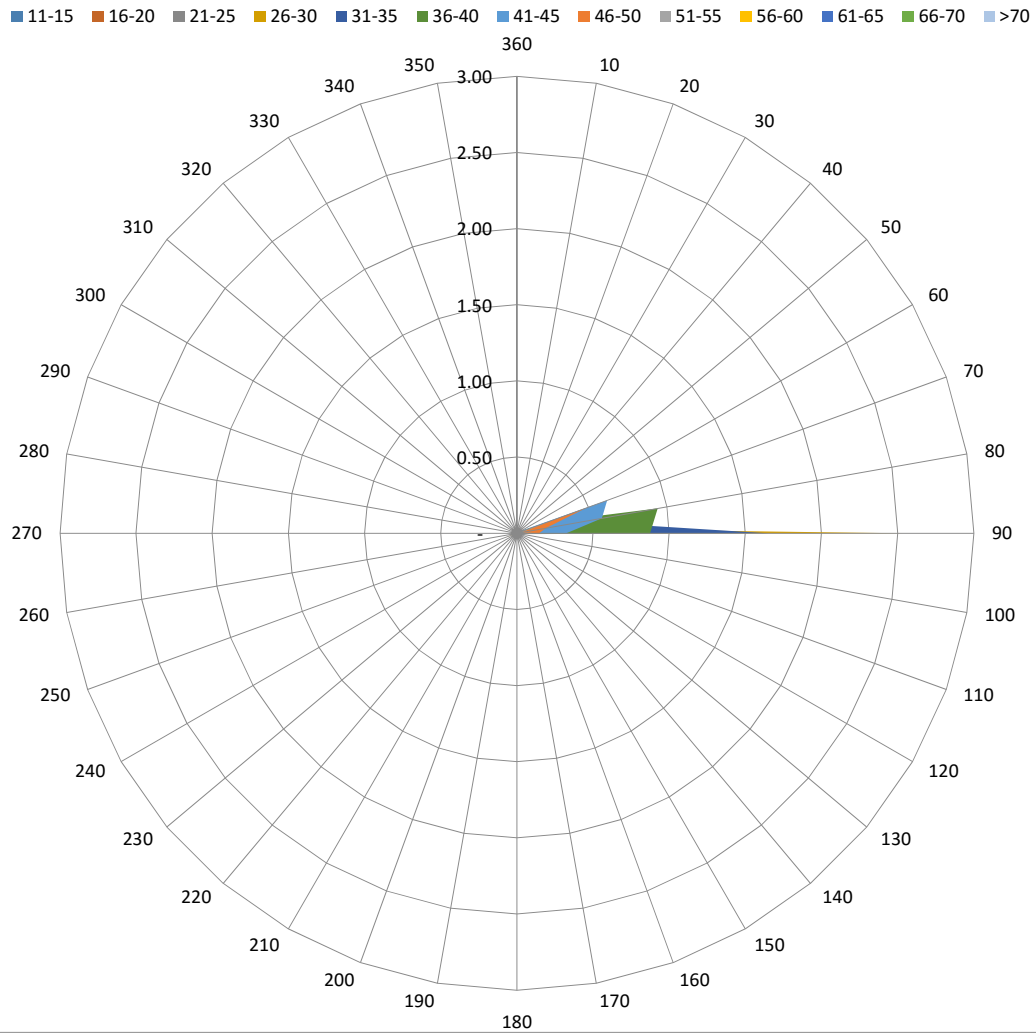
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	0.02	-	0.02	-	-	-	-	-	-	-	0.03
60	-	-	-	0.02	0.03	0.02	0.03	-	-	-	-	-	-	0.10
70	-	-	-	-	0.10	0.21	0.63	0.49	0.28	0.11	-	-	-	1.81
80	-	-	0.02	0.18	0.44	0.94	0.57	0.19	0.03	-	-	-	-	2.36
90	0.03	0.08	1.62	2.54	1.65	0.87	0.32	0.15	0.15	0.02	-	-	-	7.43
100	-	-	0.03	-	-	-	-	-	-	-	-	-	-	0.03
110	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
120	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
130	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
190	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
220	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
230	-	-	0.02	0.03	-	-	-	-	-	-	-	-	-	0.05
240	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
250	-	-	0.02	0.08	-	-	-	-	-	-	-	-	-	0.10
260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	0.05	-	-	-	-	-	-	-	-	-	-	0.05
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.03	0.08	1.78	2.93	2.25	2.06	1.55	0.83	0.45	0.13	-	-	-	12.09

## UGKO Wind direction and Wind Gust speed (January, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.96%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.13%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6072

OBSERVATION INTERVAL: 30 MIN.

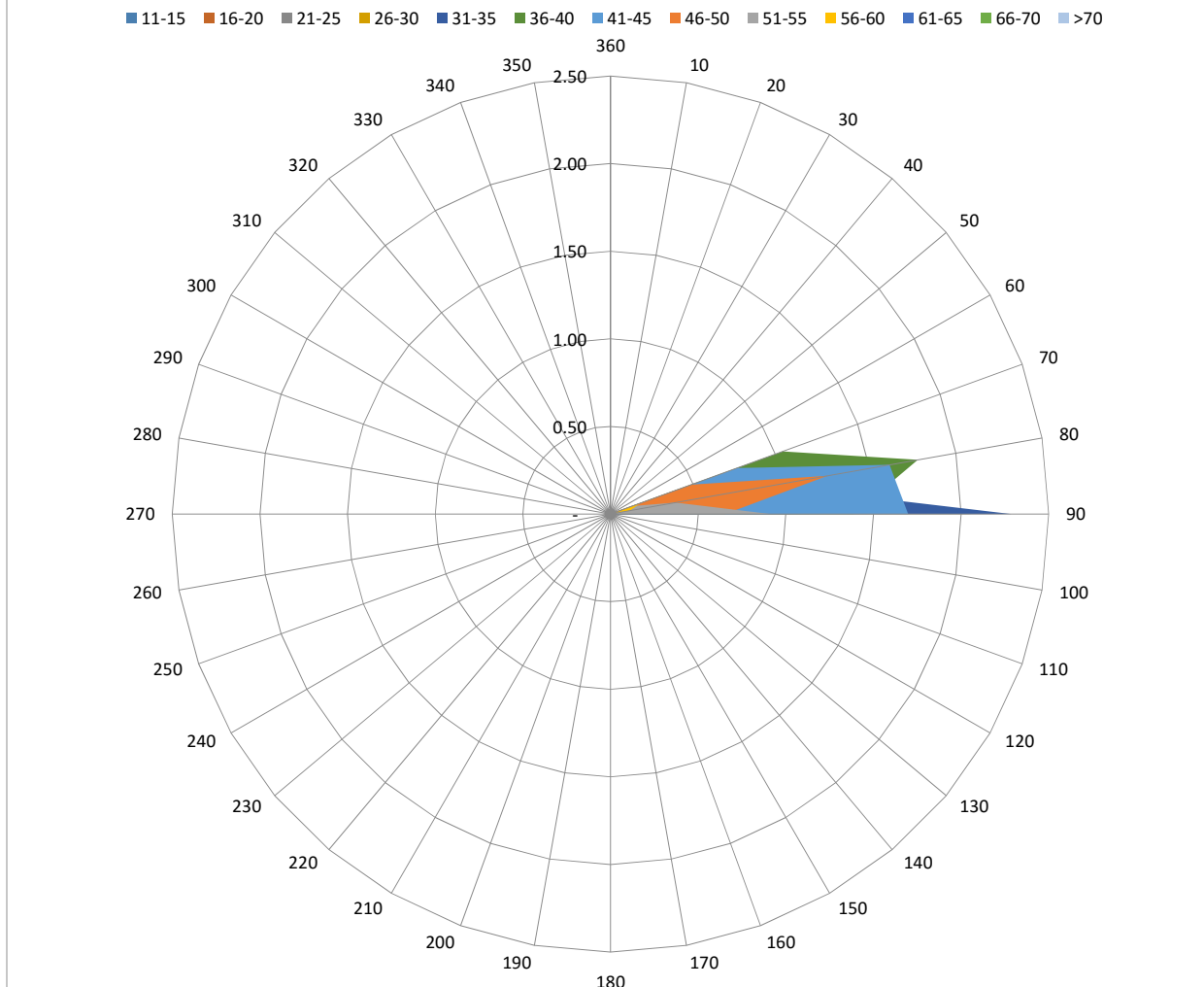
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	0.02	-	0.02	-	-	-	-	-	0.03
70	-	-	0.02	0.13	0.41	1.05	0.77	0.49	0.13	0.18	-	-	-	3.17
80	-	-	0.05	0.51	0.93	1.78	1.62	1.26	0.38	0.11	-	-	-	6.63
90	-	0.05	1.14	2.06	2.29	1.39	1.70	0.65	0.91	-	-	-	-	10.19
100	-	-	-	0.02	0.02	-	0.02	-	-	-	-	-	-	0.05
110	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	0.03	-	-	-	-	-	-	-	-	-	0.03
240	-	0.02	-	-	0.02	-	-	-	-	-	-	-	-	0.03
250	-	-	-	0.03	-	-	-	-	-	-	-	-	-	0.03
260	-	-	-	0.03	-	-	-	-	-	-	-	-	-	0.03
270	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.07	1.22	2.82	3.66	4.23	4.10	2.42	1.42	0.29	-	-	-	20.23

## UGKO Wind direction and Wind Gust speed (February, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 8.23%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.29%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

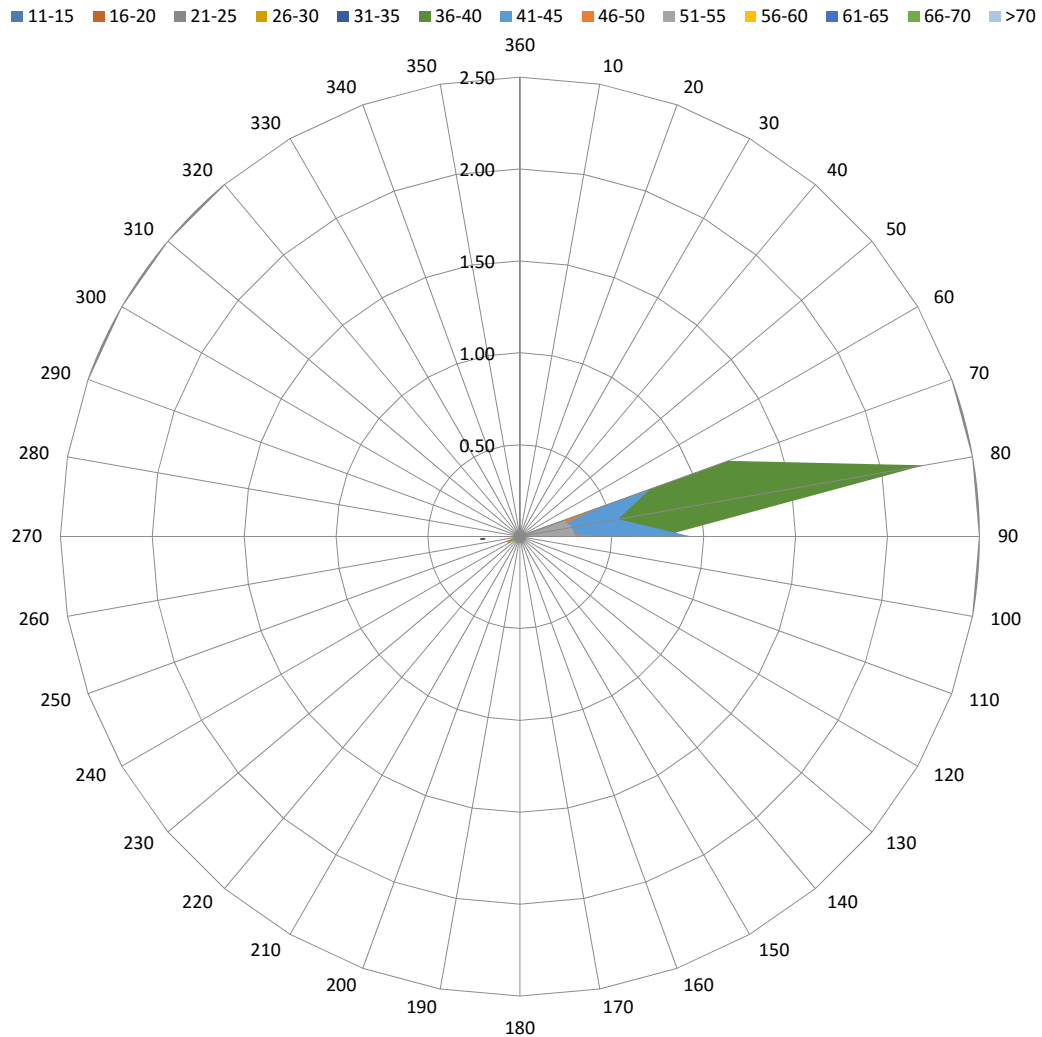
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
60	-	-	-	-	-	0.03	0.02	-	-	-	-	-	-	0.05
70	-	-	-	0.06	0.48	1.21	0.75	0.45	0.26	0.02	-	-	-	3.23
80	-	-	-	0.35	1.34	2.23	0.54	0.15	0.29	0.02	-	-	-	4.91
90	-	0.03	0.26	0.60	0.80	0.77	0.93	0.44	0.30	0.09	-	-	-	4.22
100	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
110	-	0.02	-	0.03	-	-	-	-	-	-	-	-	-	0.05
120	-	0.02	0.02	-	-	-	-	-	-	-	-	-	-	0.03
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
230	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
240	-	-	0.03	0.08	-	0.02	-	-	-	-	-	-	-	0.12
250	-	-	0.02	0.08	-	-	-	-	-	-	-	-	-	0.09
260	-	-	0.02	0.03	-	-	-	-	-	-	-	-	-	0.05
270	-	-	0.12	0.14	-	-	-	-	-	-	-	-	-	0.26
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.08	0.47	1.37	2.65	4.25	2.25	1.04	0.84	0.12	-	-	-	13.07

## UGKO Wind direction and Wind Gust speed (March, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 4.25%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.12%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

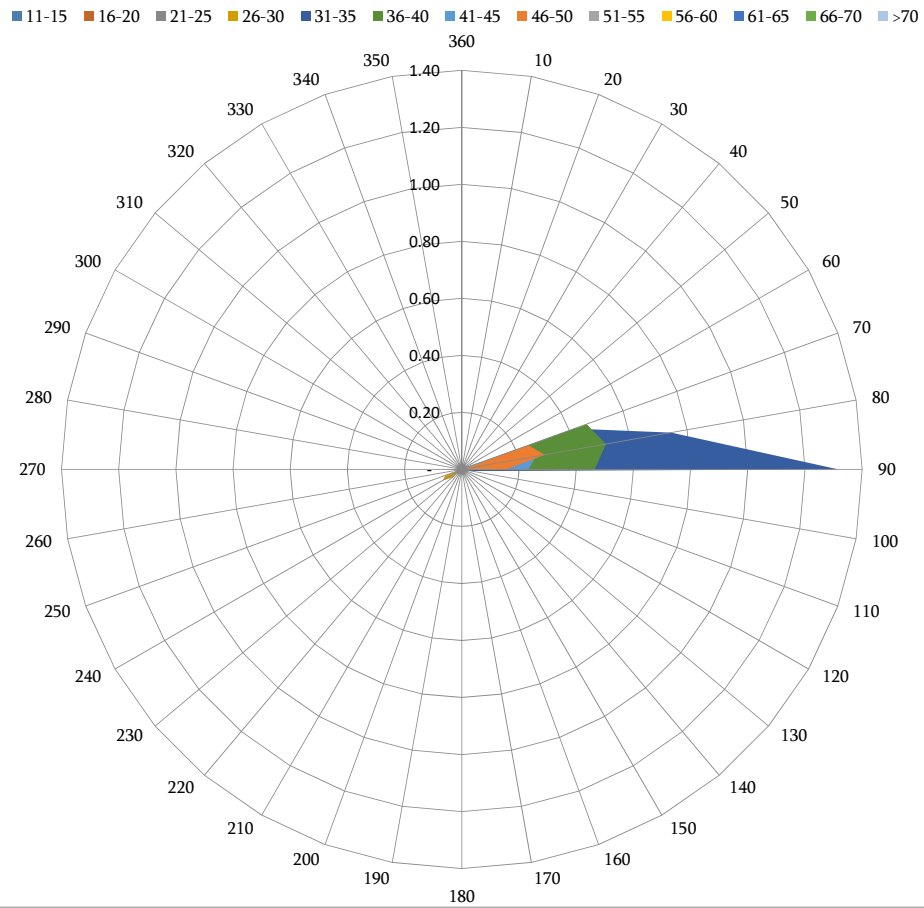
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	0.02	-	-	0.02	-	-	-	-	-	-	0.03
70	-	-	-	0.11	0.42	0.47	0.20	0.25	0.20	0.09	-	-	-	1.74
80	-	-	0.02	0.14	0.74	0.51	0.26	0.29	0.02	-	-	-	-	1.98
90	-	0.02	0.39	0.73	1.32	0.47	0.23	0.16	0.14	0.37	0.29	0.08	-	4.19
100	-	-	-	0.03	0.03	-	-	-	-	-	-	-	-	0.06
110	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	0.02	-	-	-	-	-	-	-	0.02
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.02	0.05	-	-	0.02	-	-	-	-	-	-	0.08
240	-	-	0.02	0.08	0.02	0.03	-	-	-	-	-	-	-	0.14
250	-	-	0.02	0.06	0.03	-	-	-	-	-	-	-	-	0.11
260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	0.06	0.09	0.05	-	-	-	-	-	-	-	-	0.20
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.51	1.32	2.62	1.49	0.73	0.70	0.36	0.47	0.29	0.08	-	8.57

### UGKO Wind direction and Wind Gust speed (April, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.63%).

The maximum wind speed (66-70 knots) corresponds to the Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.08%).

The direction of maximum wind gusts is 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

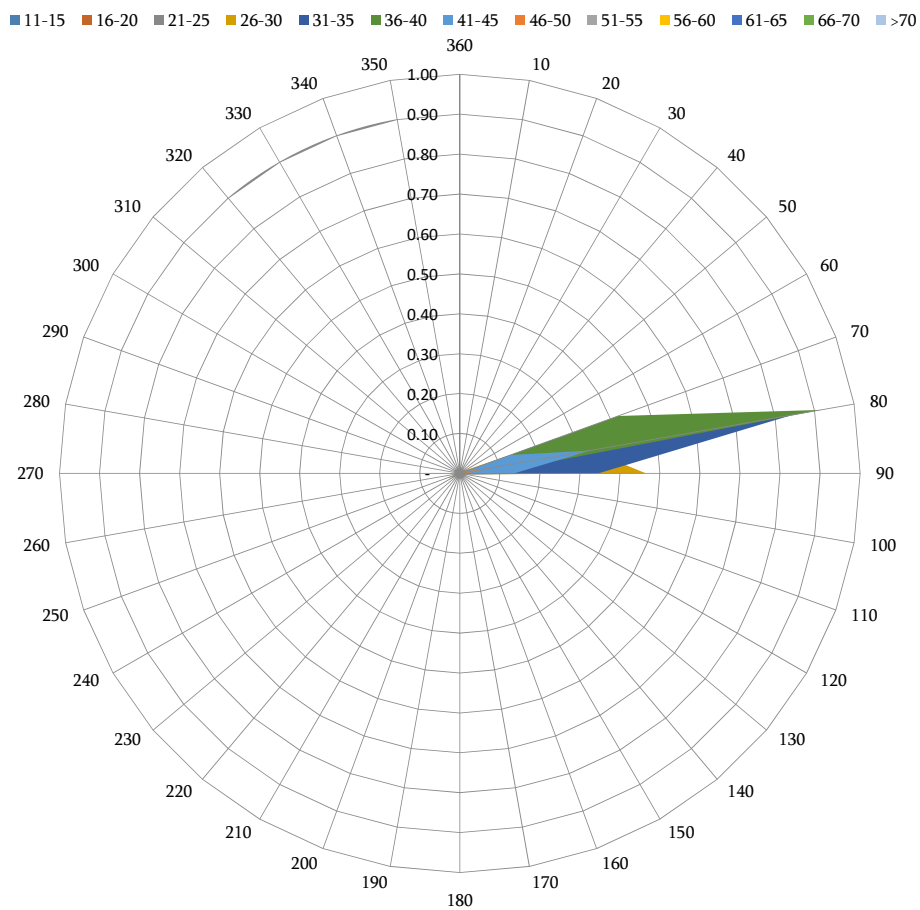
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	0.02	-	0.02	-	-	-	-	-	-	-	-	-	0.03
70	-	-	0.03	0.14	0.26	0.42	0.14	0.02	-	-	-	-	-	0.99
80	-	-	0.08	0.33	0.84	0.92	0.33	0.08	-	-	-	-	-	2.57
90	-	0.02	0.23	0.47	0.35	0.08	0.14	0.02	-	-	-	-	-	1.28
100	-	-	-	0.02	0.02	-	-	-	-	-	-	-	-	0.03
110	-	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
120	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	0.02	-	0.03	0.02	-	-	-	-	-	-	0.06
250	-	-	-	0.03	0.03	-	-	-	-	-	-	-	-	0.06
260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270	-	-	0.09	-	-	-	-	-	-	-	-	-	-	0.09
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.05	0.45	1.02	1.49	1.44	0.62	0.11	-	-	-	-	-	5.17

### UGKO Wind direction and Wind Gust speed (May, 2010-2015)



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

The maximum wind speed (46-50 knots) corresponds to the Strong gale and Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.11%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

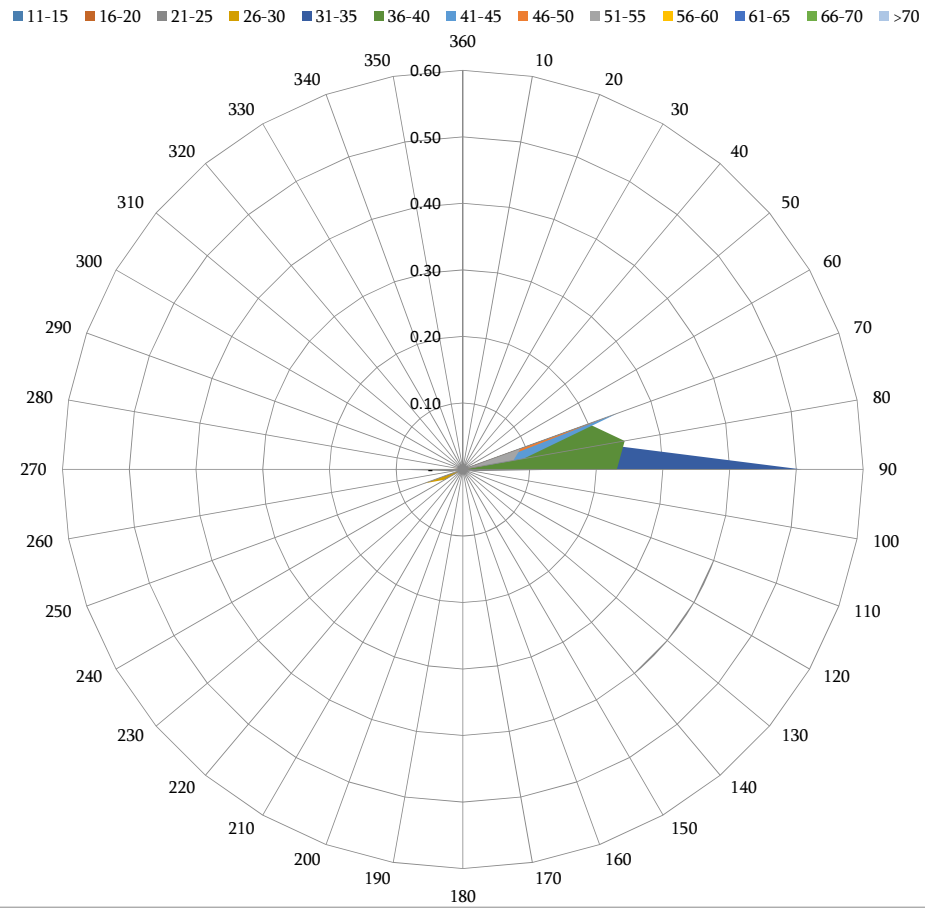
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.12	0.18	0.20	0.25	0.23	0.09	-	-	-	-	1.08
80	-	-	-	0.17	0.22	0.25	0.09	0.03	0.08	-	-	-	-	0.83
90	-	0.02	0.17	0.45	0.51	0.23	-	-	-	-	-	-	-	1.37
100	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	0.02	0.03	-	-	-	-	-	-	-	-	-	0.05
250	-	-	-	0.06	0.03	-	-	-	-	-	-	-	-	0.09
260	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
270	-	-	0.11	0.06	0.08	-	-	-	-	-	-	-	-	0.25
280	-	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.32	0.89	1.02	0.68	0.34	0.26	0.17	-	-	-	-	3.71

### UGKO Wind direction and Wind Gust speed (June, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.77%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.17%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

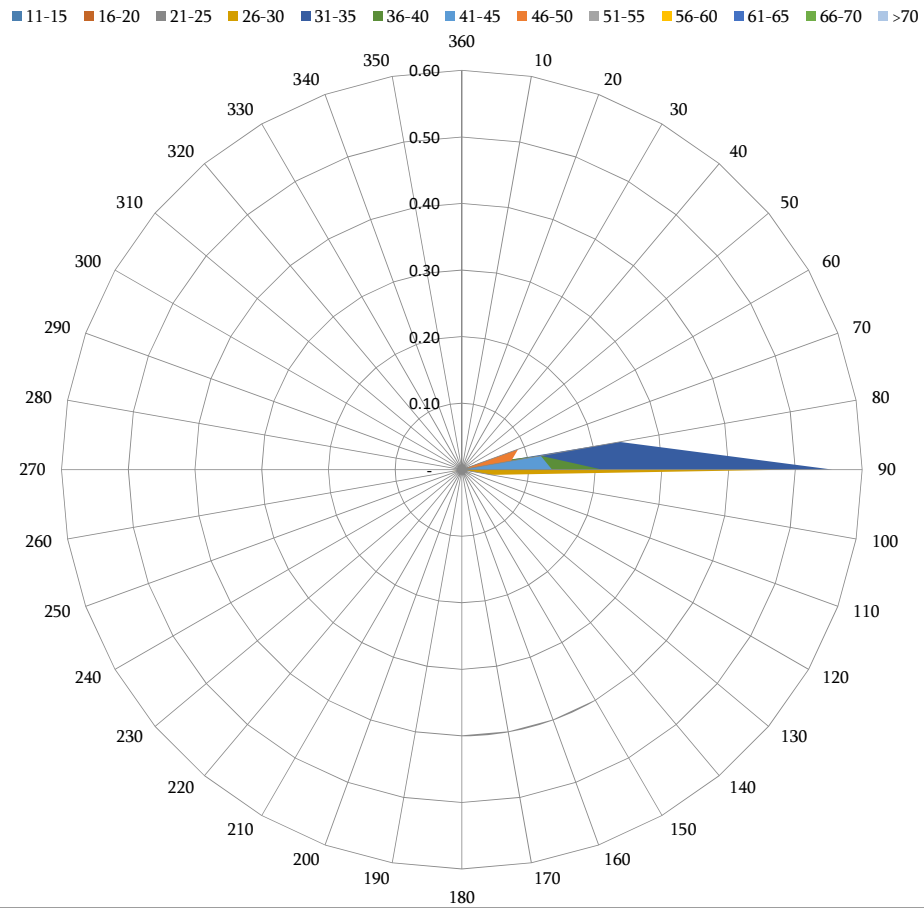
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.02	0.02	0.03	-	0.09	-	-	-	-	-	0.15
80	-	-	-	0.06	0.24	0.12	0.12	0.08	0.02	-	-	-	-	0.63
90	-	0.12	0.21	0.50	0.56	0.21	0.14	-	-	-	-	-	-	1.73
100	-	-	0.02	0.05	-	-	-	-	-	-	-	-	-	0.06
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	0.02	0.02	-	-	-	-	-	-	-	-	0.03
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.12	0.23	0.65	0.83	0.36	0.26	0.17	0.02	-	-	-	-	2.61

### UGKO Wind direction and Wind Gust speed (July, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.45%).

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

The direction of maximum wind gusts is 080°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

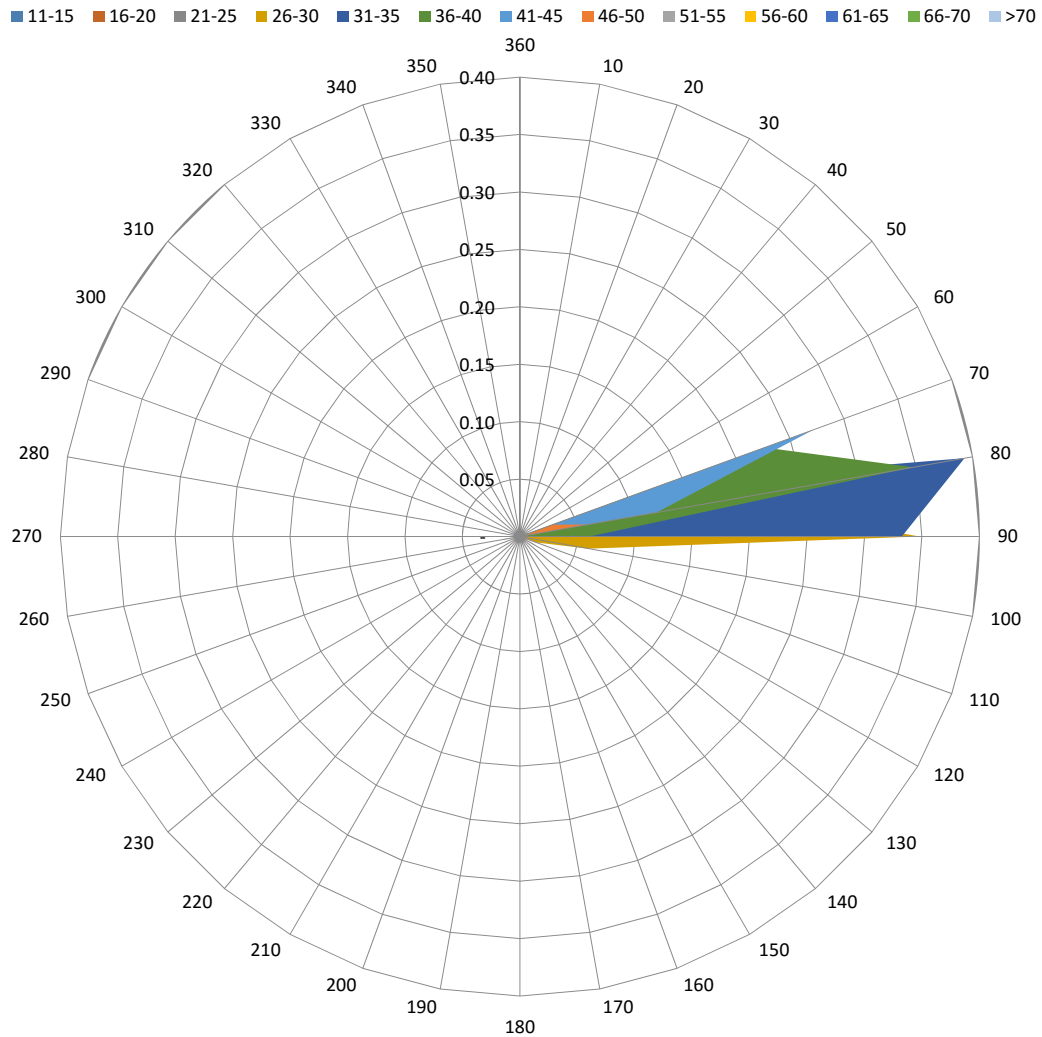
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	0.05	0.09	0.14	0.23	0.27	0.03	-	-	-	-	-	0.80
80	-	-	0.05	0.18	0.39	0.35	0.12	0.06	0.02	-	-	-	-	1.16
90	-	-	0.18	0.35	0.33	0.06	-	-	-	-	-	-	-	0.92
100	-	-	0.03	0.06	-	-	-	-	-	-	-	-	-	0.09
110	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
120	-	0.02	0.02	-	-	-	-	-	-	-	-	-	-	0.03
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.32	0.70	0.88	0.63	0.39	0.09	0.02	-	-	-	-	3.05

## UGKO Wind direction and Wind Gust speed (August, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.5%).

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

The direction of maximum wind gusts is 080°.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL D**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

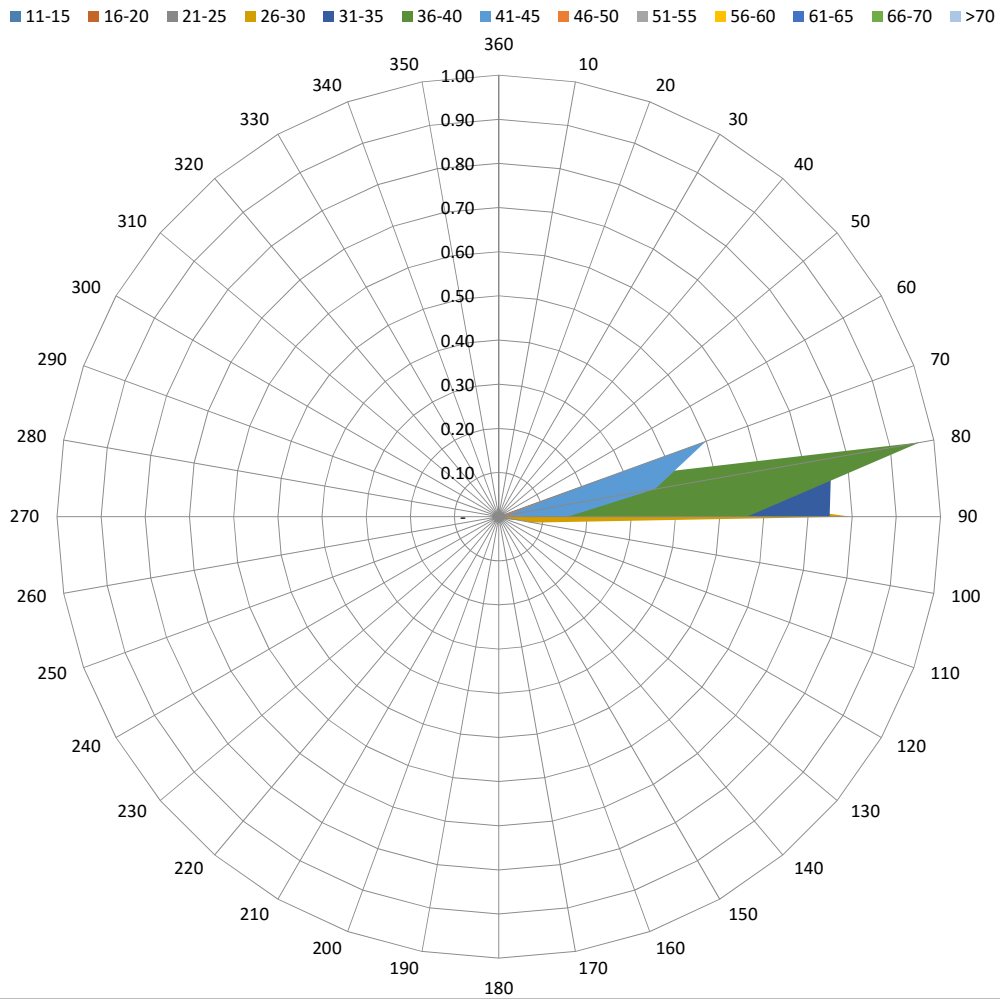
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED WITHIN SPECIFIED RANGES														
WIND DIRECTION	WIND GUST SPEED (KT)													TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70	
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	0.05	0.16	0.25	0.50	0.22	0.03	-	-	-	-	1.20
80	-	-	0.08	0.36	0.76	0.97	0.36	0.02	-	-	-	-	-	2.54
90	-	-	0.19	0.80	0.75	0.56	0.16	0.12	0.06	0.19	-	-	-	2.82
100	-	-	0.05	0.08	-	-	-	-	-	-	-	-	-	0.12
110	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	0.02	-	-	-	-	-	-	-	-	-	-	0.02
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
260	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	0.34	1.30	1.69	1.78	1.01	0.36	0.09	0.19	-	-	-	6.76

## UGKO Wind direction and Wind Gust speed (September, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.65%).

The maximum wind speed (56-60 knots) corresponds to the Violent Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.19%).

The direction of maximum wind gusts is 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

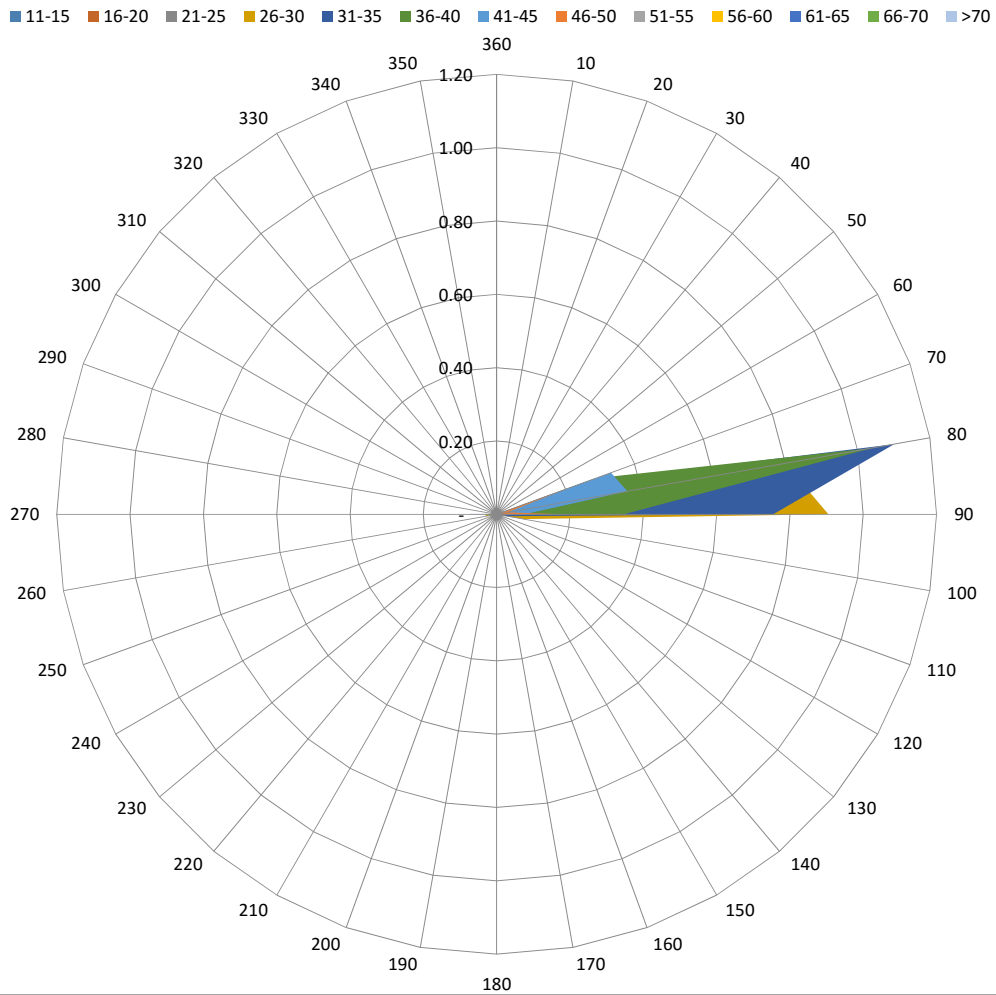
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	0.02	0.06	0.26	0.29	0.33	0.21	0.03	-	-	-	-	1.19
80	-	-	0.09	0.80	1.10	1.04	0.36	0.03	-	-	-	-	-	3.42
90	-	0.03	0.06	0.91	0.75	0.35	0.08	0.18	0.05	-	-	-	-	2.40
100	-	-	0.06	0.08	0.03	-	-	-	-	-	-	-	-	0.17
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	-	-	-	-	0.03	-	-	-	-	-	-	-	0.03
250	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
260	-	-	0.02	0.03	-	-	-	-	-	-	-	-	-	0.05
270	-	-	0.02	0.03	0.08	0.03	-	-	-	-	-	-	-	0.15
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.03	0.26	1.92	2.23	1.73	0.77	0.42	0.08	-	-	-	-	7.44

## UGKO Wind direction and Wind Gust speed (October, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.27%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.08%).

The directions of maximum wind gusts are 070° and 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

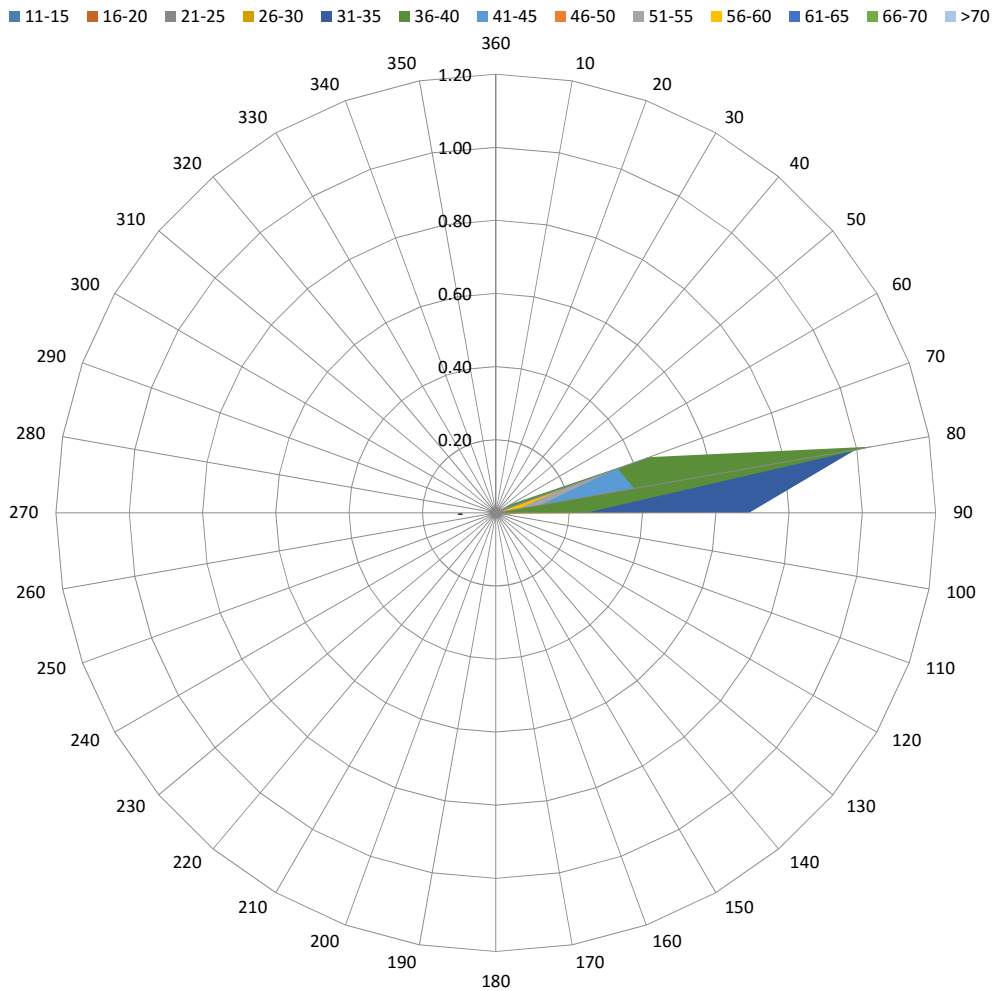
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	0.05	0.02	-	-	-	-	-	-	0.06
70	-	-	-	-	0.25	0.45	0.35	0.15	0.34	0.20	0.02	-	-	1.75
80	-	-	0.05	0.20	1.00	1.04	0.38	0.03	0.12	0.06	-	-	-	2.89
90	-	-	0.08	0.54	0.69	0.25	-	-	-	-	-	-	-	1.55
100	-	-	0.03	0.02	-	-	-	-	-	-	-	-	-	0.05
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
240	-	-	-	0.02	0.02	-	-	-	-	-	-	-	-	0.03
250	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
260	-	-	0.02	0.02	-	-	-	-	-	-	-	-	-	0.03
270	-	-	0.02	0.02	-	-	-	-	-	-	-	-	-	0.03
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.18	0.80	1.96	1.78	0.75	0.18	0.46	0.26	0.02	-	-	6.42

## UGKO Wind direction and Wind Gust speed (November, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.67%).

The maximum wind speed (61-65 knots) corresponds to the Violent Storm and Hurricane according to “Beaufort wind force scale” (frequency of occurrence – 0.02%).

The direction of maximum wind gusts is 070°.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

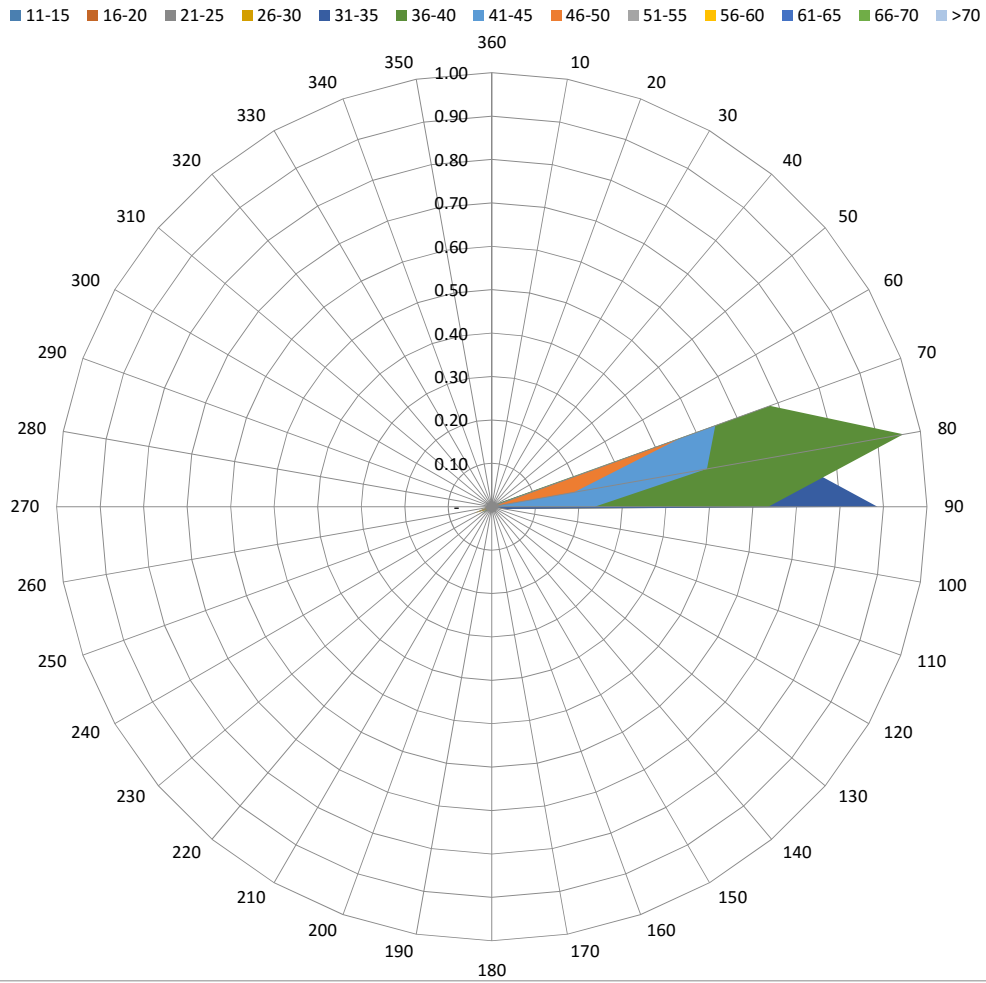
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	0.01	0.01	-	-	-	-	-	-	-	0.03
70	-	-	-	0.09	0.27	0.68	0.55	0.46	0.30	-	-	-	-	2.33
80	-	-	0.04	0.30	0.68	0.96	0.50	0.19	-	-	-	-	-	2.67
90	-	0.04	0.18	0.78	0.89	0.64	0.24	-	-	-	-	-	-	2.76
100	-	-	-	0.03	0.03	-	-	-	-	-	-	-	-	0.06
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	0.04	0.01	-	0.01	-	-	-	-	-	-	-	0.07
240	-	-	0.01	0.01	-	0.03	-	-	-	-	-	-	-	0.06
250	-	-	0.03	0.04	0.03	-	-	-	-	-	-	-	-	0.10
260	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
270	-	-	0.01	0.01	-	-	-	-	-	-	-	-	-	0.03
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.04	0.34	1.30	1.91	2.33	1.28	0.65	0.30	-	-	-	-	8.15

### UGKO Wind direction and Wind Gust speed (December, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.23%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.30%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19464

OBSERVATION INTERVAL: 30 MIN.

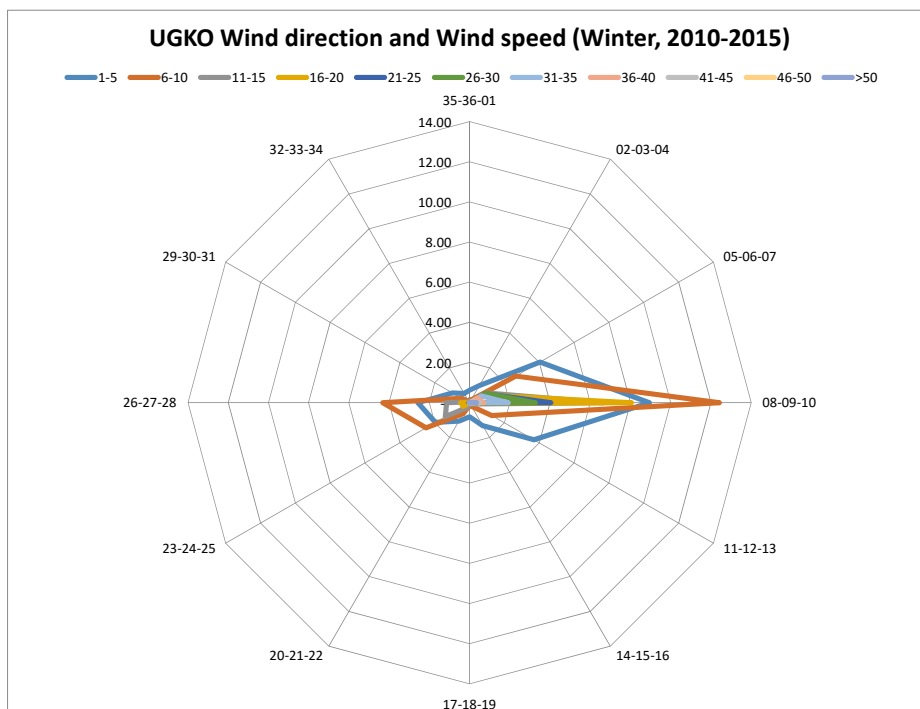
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

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

WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												6.72
VARIABLE	5.98	0.31	-	0.01	-	-	-	-	-	-	-	6.30
35-36-01	0.63	0.14	-	-	-	-	-	-	-	-	-	0.77
02-03-04	0.99	0.16	-	-	-	-	-	-	-	-	-	1.14
05-06-07	4.05	2.64	0.98	0.78	0.90	0.94	0.68	0.45	0.10	-	-	11.52
08-09-10	8.94	12.42	6.66	8.05	4.04	3.27	1.93	0.70	0.51	0.24	0.34	47.10
11-12-13	3.69	1.28	0.12	0.07	0.02	-	-	-	-	-	-	5.18
14-15-16	1.32	0.21	-	0.02	0.01	-	-	-	-	-	-	1.56
17-18-19	0.70	0.12	0.02	-	-	-	-	-	-	-	-	0.84
20-21-22	1.06	0.62	0.30	0.03	-	-	-	-	-	-	-	2.01
23-24-25	1.96	2.50	1.39	0.37	0.03	-	-	-	-	-	-	6.26
26-27-28	2.56	4.32	1.14	0.45	0.03	0.01	-	-	-	-	-	8.50
29-30-31	0.97	0.45	0.07	0.02	-	-	-	-	-	-	-	1.51
32-33-34	0.53	0.05	0.01	-	-	-	-	-	-	-	-	0.59
TOTAL	33.39	25.21	10.69	9.80	5.02	4.22	2.61	1.15	0.61	0.24	0.34	100.00



The prevailing wind directions of 080°-100° frequency of occurrence is 47.10%.

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 58.60%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.34%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SPRING

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19872

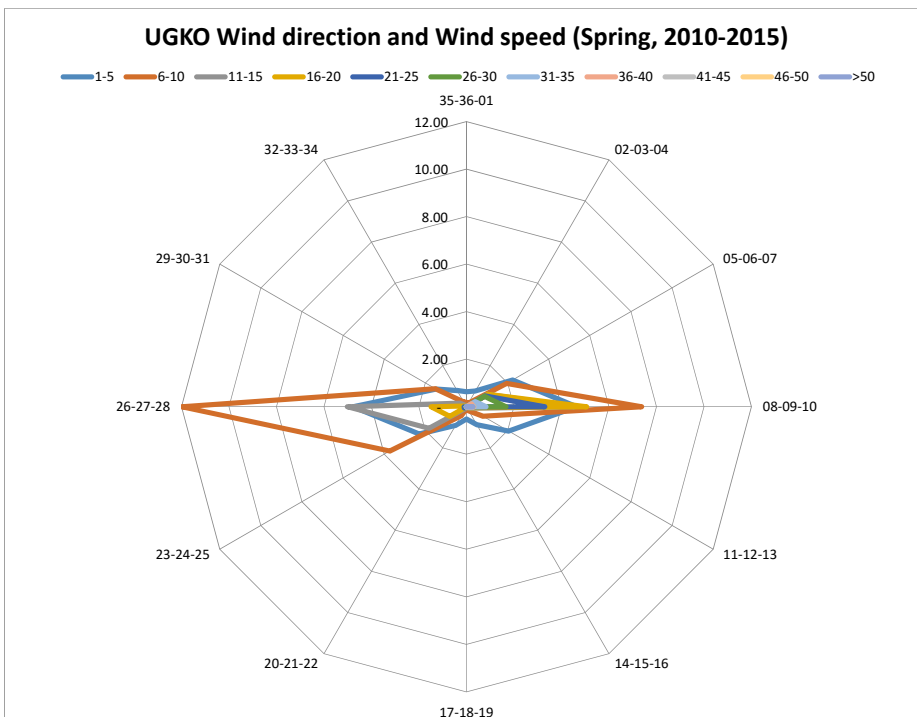
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												7.71
VARIABLE	9.35	1.00	0.02	0.01	-	-	-	-	-	-	-	10.37
35-36-01	0.63	0.19	0.01	0.01	-	-	-	-	-	-	-	0.83
02-03-04	0.77	0.17	0.03	-	-	-	-	-	-	-	-	0.96
05-06-07	2.25	1.96	1.04	1.04	0.91	0.88	0.43	0.23	0.01	-	-	8.74
08-09-10	4.64	7.37	4.54	5.06	3.29	1.67	0.83	0.30	0.28	0.30	0.28	28.57
11-12-13	2.05	0.80	0.13	0.09	-	-	-	-	-	-	-	3.06
14-15-16	0.87	0.21	0.02	0.01	-	-	-	-	-	-	-	1.11
17-18-19	0.52	0.09	-	-	-	-	-	-	-	-	-	0.61
20-21-22	0.91	0.43	0.09	0.01	-	-	-	-	-	-	-	1.43
23-24-25	2.30	3.73	1.82	0.82	0.10	0.02	-	-	-	-	-	8.78
26-27-28	4.77	11.99	5.02	1.49	0.10	0.03	-	-	-	-	-	23.40
29-30-31	1.47	1.50	0.30	0.06	-	-	-	-	-	-	-	3.33
32-33-34	0.79	0.23	0.06	0.01	-	-	-	-	-	-	-	1.08
TOTAL	31.32	29.67	13.06	8.59	4.40	2.59	1.25	0.54	0.29	0.30	0.28	100.00



**CALM**  
7.71%

**VARIABLE**  
10.37%

The prevailing wind directions of 080°-100° frequency of occurrence is 28.57%.

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 60.99%).

The maximum wind of >50 knots is observed within the 080°-100° sector (frequency of occurrence 0.28%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19872

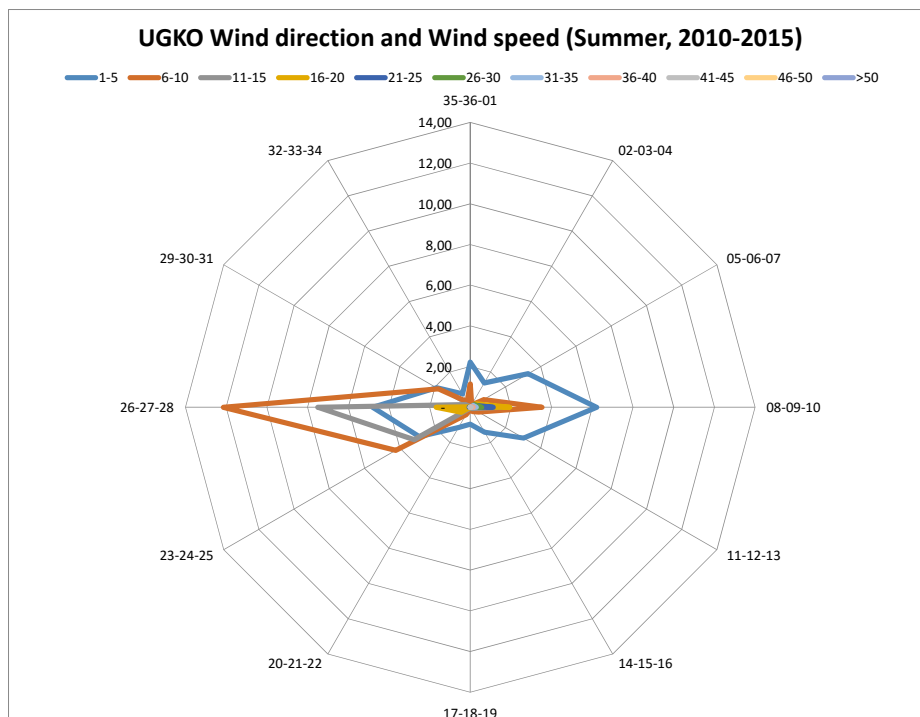
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												11.17
VARIABLE	12.44	0.70	0.04	-	-	-	-	-	-	-	-	13.18
35-36-01	2.22	1.14	0.01	-	-	-	-	-	-	-	-	3.36
02-03-04	1.38	0.14	0.01	0.01	-	-	-	-	-	-	-	1.54
05-06-07	3.29	0.75	0.23	0.34	0.21	0.24	0.18	0.04	-	-	-	5.28
08-09-10	6.22	3.52	1.55	1.94	1.13	0.56	0.30	0.14	0.05	-	-	15.40
11-12-13	3.02	0.48	0.12	0.01	0.01	-	-	-	-	-	-	3.64
14-15-16	1.41	0.25	0.02	0.02	0.01	0.01	-	-	-	-	-	1.71
17-18-19	0.83	0.13	0.01	-	-	-	-	-	-	-	-	0.97
20-21-22	1.15	0.42	0.08	-	-	-	-	-	-	-	-	1.65
23-24-25	2.89	4.23	3.19	0.50	0.01	-	-	-	-	-	-	10.82
26-27-28	4.79	12.13	7.50	1.67	0.06	0.01	-	-	-	-	-	26.16
29-30-31	1.91	1.81	0.26	0.04	-	-	-	-	-	-	-	4.02
32-33-34	0.77	0.31	0.04	-	-	-	-	-	-	-	-	1.12
TOTAL	42.32	26.02	13.04	4.53	1.42	0.81	0.48	0.17	0.05	-	-	100.00



**CALM**  
11.17%

**VARIABLE**  
13.18%

The prevailing wind directions of 260°-280° frequency of occurrence is 26.16%.

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 68.34%).

The maximum wind of 41-45 knots is observed within the 080°-100° sector (frequency of occurrence 0.05%).

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19656

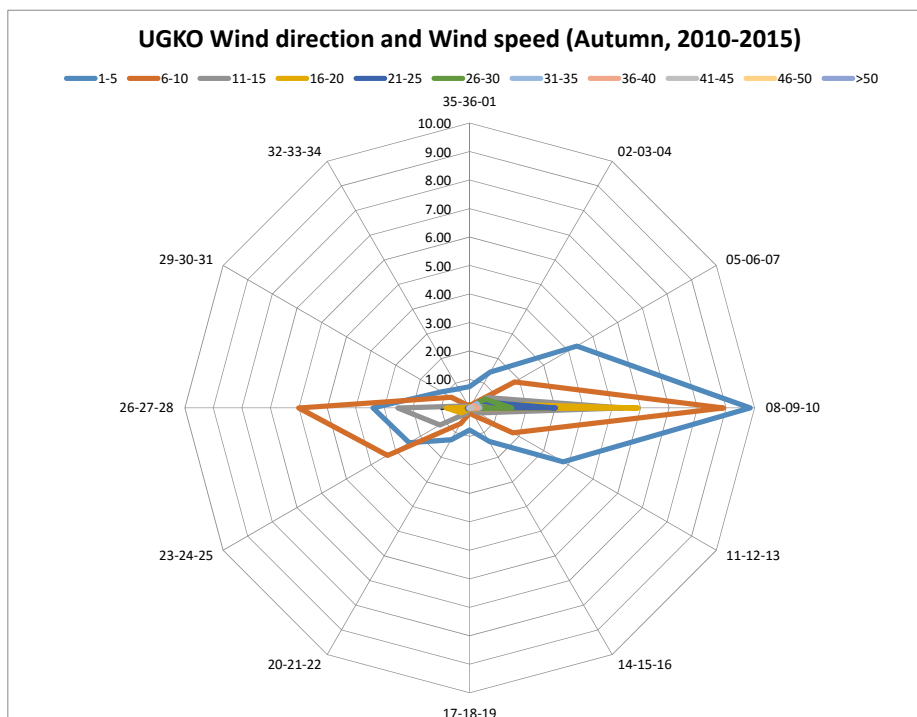
OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30° SECTORS) AND SPEED WITHIN SPECIFIED RANGES												
WIND DIRECTION	WIND SPEED (KT)											TOTAL
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM												9.22
VARIABLE	9.53	0.53	-	-	-	-	-	-	-	-	-	10.07
35-36-01	0.75	0.11	0.02	-	-	-	-	-	-	-	-	0.87
02-03-04	1.45	0.14	0.02	-	-	-	-	-	-	-	-	1.61
05-06-07	4.34	1.82	0.73	0.33	0.44	0.62	0.30	0.16	0.06	-	-	8.79
08-09-10	9.85	8.91	5.40	5.91	3.02	1.48	0.36	0.30	0.09	-	-	35.32
11-12-13	3.79	1.75	0.36	0.07	0.01	-	-	-	-	-	-	5.97
14-15-16	1.36	0.31	0.02	0.01	-	-	-	-	-	-	-	1.69
17-18-19	0.78	0.18	0.01	0.01	-	-	-	-	-	-	-	0.98
20-21-22	1.29	0.63	0.21	0.04	-	-	-	-	-	-	-	2.18
23-24-25	2.45	3.33	1.21	0.35	0.07	0.02	-	-	-	-	-	7.42
26-27-28	3.40	6.00	2.52	0.82	0.08	0.03	0.05	0.01	-	-	-	12.91
29-30-31	1.13	0.75	0.14	0.05	-	-	-	-	-	-	-	2.06
32-33-34	0.78	0.10	0.02	0.01	-	-	-	-	-	-	-	0.90
TOTAL	40.90	24.57	10.65	7.58	3.62	2.14	0.71	0.47	0.15	-	-	100.00



**CALM**  
9.22%

**VARIABLE**  
10.07%

The prevailing wind directions of 080°-100° frequency of occurrence is 35.32%.

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 65.47%).

The maximum wind of 41-45 knots is observed within the 050°-070° and 080°-100° sectors (frequency of occurrence 0.15%).





## WIND GUST SPEED AND DIRECTION PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: WINTER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19464

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

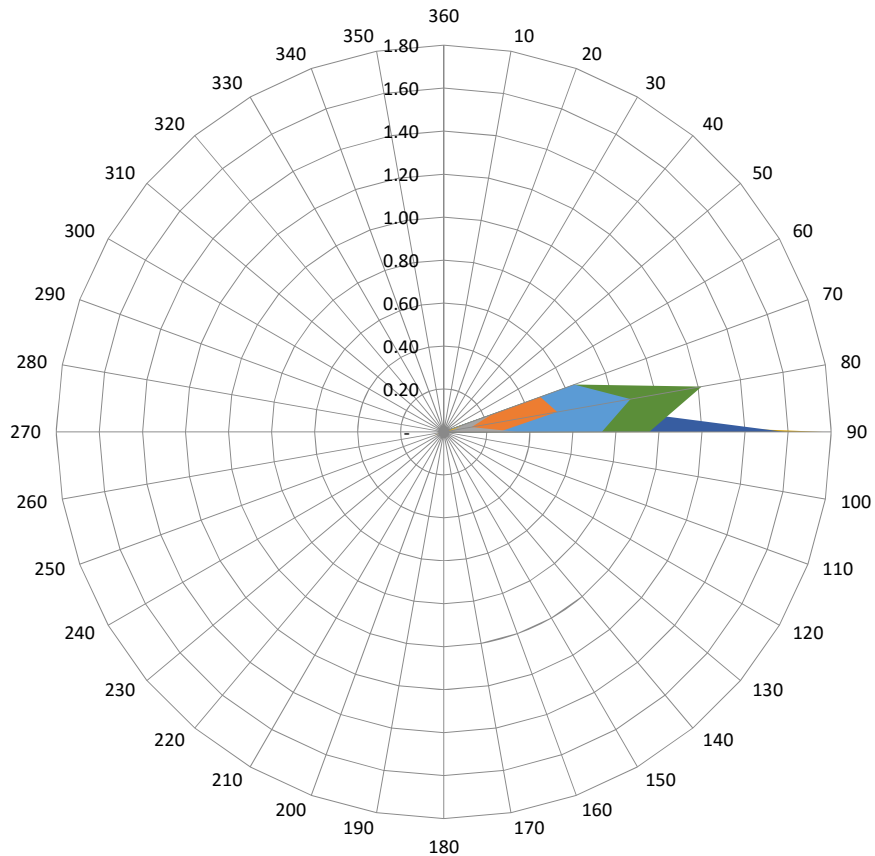
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	0.01	-	0.01	-	-	-	-	-	-	-	0.01
60	-	-	-	0.01	0.02	0.02	0.01	0.01	-	-	-	-	-	0.05
70	-	-	0.01	0.07	0.26	0.64	0.64	0.48	0.24	0.09	-	-	-	2.43
80	-	-	0.04	0.33	0.68	1.22	0.88	0.53	0.13	0.04	-	-	-	3.84
90	0.01	0.06	0.95	1.76	1.58	0.95	0.73	0.26	0.34	0.01	-	-	-	6.66
100	-	-	0.01	0.02	0.02	-	0.01	-	-	-	-	-	-	0.05
110	-	-	0.01	0.01	-	-	-	-	-	-	-	-	-	0.01
120	-	-	0.01	-	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	-	-	-	-	-	-	-	-	-	0.01
230	-	-	0.02	0.03	-	0.01	-	-	-	-	-	-	-	0.05
240	-	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	0.04
250	-	-	0.02	0.05	0.01	-	-	-	-	-	-	-	-	0.08
260	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.02
270	-	-	0.03	0.01	-	-	-	-	-	-	-	-	-	0.03
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.01	0.06	1.09	2.32	2.58	2.85	2.28	1.27	0.71	0.14	-	-	-	13.31

## UGKO Wind direction and Wind Gust speed (Winter, 2010-2015)

■ 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



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 4.4%).

The maximum wind speed (56-60 knots) corresponds to the Violent storm according to “Beaufort wind force scale” (frequency of occurrence – 0.14%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19872

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

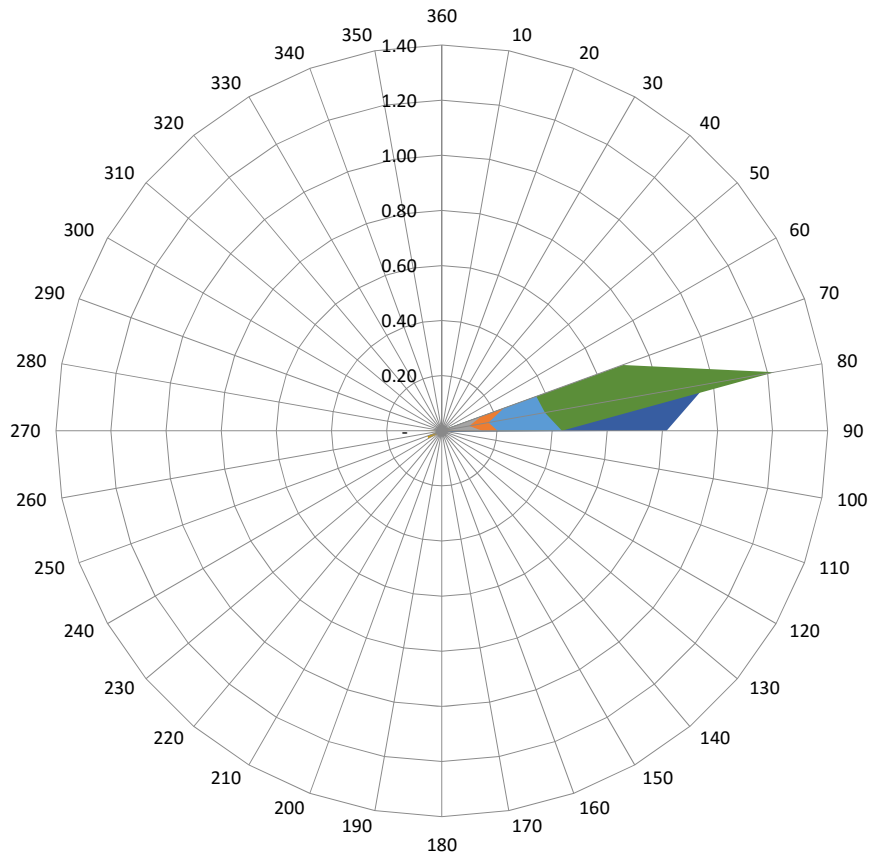
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
60	-	0.01	-	0.01	-	0.01	0.01	-	-	-	-	-	-	0.04
70	-	-	0.01	0.10	0.38	0.70	0.36	0.24	0.15	0.04	-	-	-	1.99
80	-	-	0.03	0.27	0.98	1.23	0.38	0.17	0.10	0.01	-	-	-	3.17
90	-	0.02	0.29	0.60	0.82	0.44	0.44	0.20	0.15	0.15	0.10	0.03	-	3.22
100	-	-	-	0.02	0.02	-	-	-	-	-	-	-	-	0.04
110	-	0.01	-	0.02	-	-	-	-	-	-	-	-	-	0.03
120	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	0.02
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
150	-	-	-	-	-	0.01	-	-	-	-	-	-	-	0.01
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.01
210	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
220	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
230	-	-	0.01	0.02	-	-	0.01	-	-	-	-	-	-	0.03
240	-	-	0.02	0.06	0.01	0.03	0.01	-	-	-	-	-	-	0.11
250	-	-	0.01	0.06	0.02	-	-	-	-	-	-	-	-	0.09
260	-	-	0.01	0.01	-	-	-	-	-	-	-	-	-	0.02
270	-	-	0.09	0.08	0.02	-	-	-	-	-	-	-	-	0.18
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.05	0.48	1.24	2.25	2.40	1.20	0.61	0.40	0.19	0.10	0.03	-	8.93

## UGKO Wind direction and Wind Gust speed (Spring, 2010-2015)

■ 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



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 2.53%).

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 090°.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL D**

AERODROME: UGKO

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19872

OBSERVATION INTERVAL: 30 MIN.

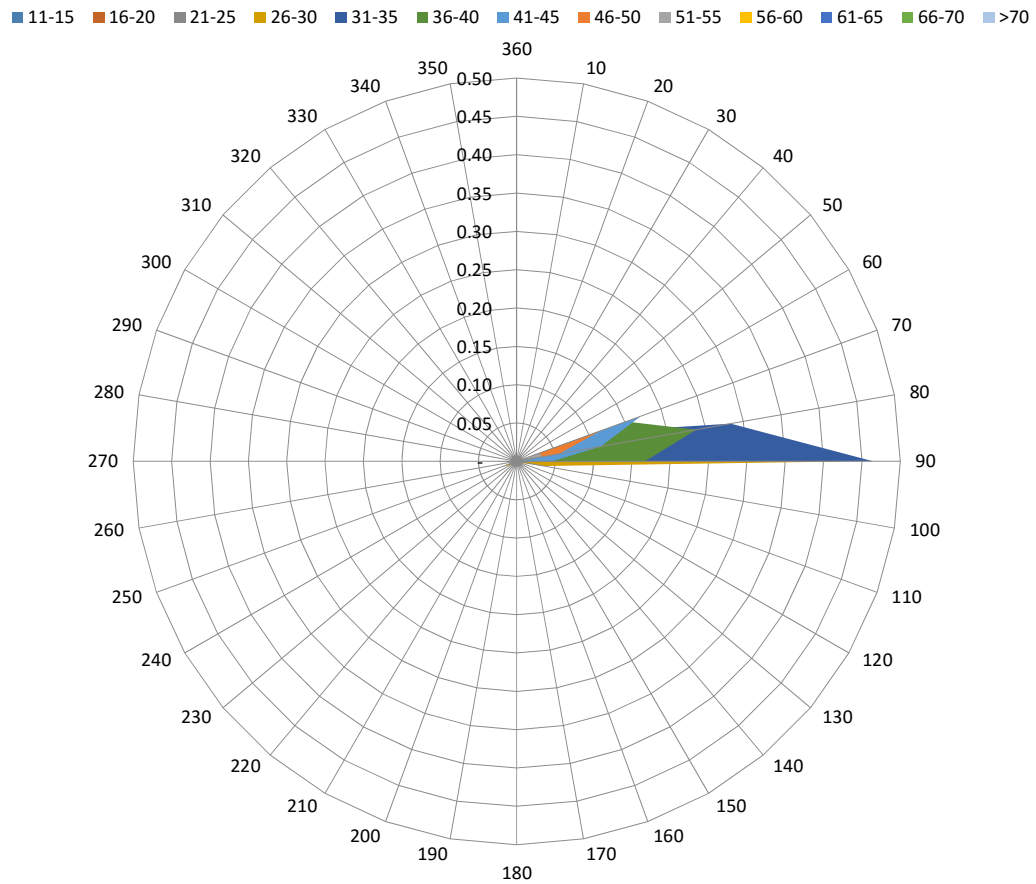
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	0.02	0.08	0.11	0.15	0.17	0.12	0.03	-	-	-	-	0.67
80	-	-	0.02	0.14	0.28	0.24	0.11	0.06	0.04	-	-	-	-	0.87
90	-	0.05	0.19	0.43	0.47	0.17	0.05	-	-	-	-	-	-	1.34
100	-	-	0.02	0.04	-	-	-	-	-	-	-	-	-	0.06
110	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
120	-	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	0.02
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	-	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	0.02
250	-	-	-	0.02	0.01	-	-	-	-	-	-	-	-	0.03
260	-	-	0.01	0.01	0.01	-	-	-	-	-	-	-	-	0.02
270	-	-	0.04	0.02	0.03	-	-	-	-	-	-	-	-	0.08
280	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.06	0.29	0.74	0.91	0.56	0.33	0.17	0.07	-	-	-	-	3.12

## UGKO Wind direction and Wind Gust speed (Summer, 2010-2015)



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 0.57%).

The maximum wind speed (51-55 knots) corresponds to the Storm according to “Beaufort wind force scale” (frequency of occurrence – 0.07%).

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19656

OBSERVATION INTERVAL: 30 MIN.

LATITUDE: 421036.57N

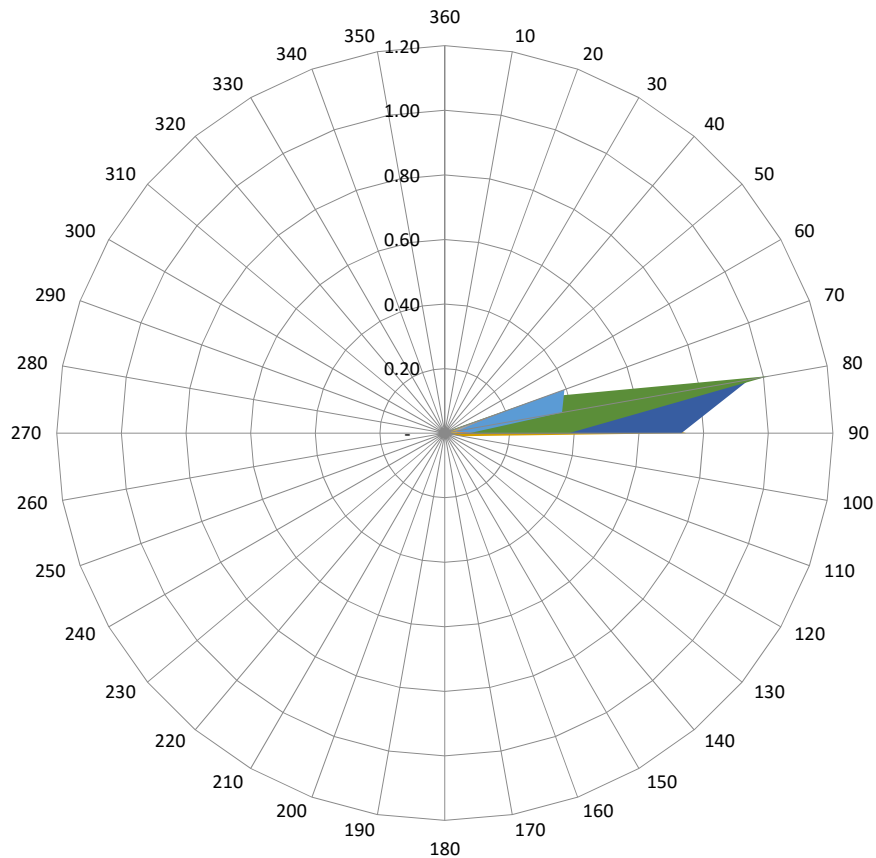
LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	0.02	0.01	-	-	-	-	-	-	0.02
70	-	-	0.01	0.04	0.22	0.33	0.39	0.19	0.13	0.07	0.01	-	-	1.38
80	-	-	0.07	0.46	0.96	1.02	0.37	0.03	0.04	0.02	-	-	-	2.96
90	-	0.01	0.11	0.75	0.73	0.38	0.08	0.10	0.04	0.06	-	-	-	2.26
100	-	-	0.05	0.06	0.01	-	-	-	-	-	-	-	-	0.11
110	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	0.01	-	-	-	-	-	-	-	-	-	-	0.01
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	-	-	-	0.01	-	-	-	-	-	-	-	-	-	0.01
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.01
240	-	-	-	0.01	0.01	0.01	-	-	-	-	-	-	-	0.02
250	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.02
260	-	-	0.01	0.02	-	-	-	-	-	-	-	-	-	0.03
270	-	-	0.01	0.02	0.03	0.01	-	-	-	-	-	-	-	0.06
280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	0.02	0.26	1.34	1.96	1.76	0.84	0.32	0.21	0.15	0.01	-	-	6.87

## UGKO Wind direction and Wind Gust speed (Autumn, 2010-2015)

■ 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



The strong wind (wind gust  $\geq 41$  knots) (frequency of occurrence – 1.53%).

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

The direction of maximum wind gusts is 070°.



## TEMPERATURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

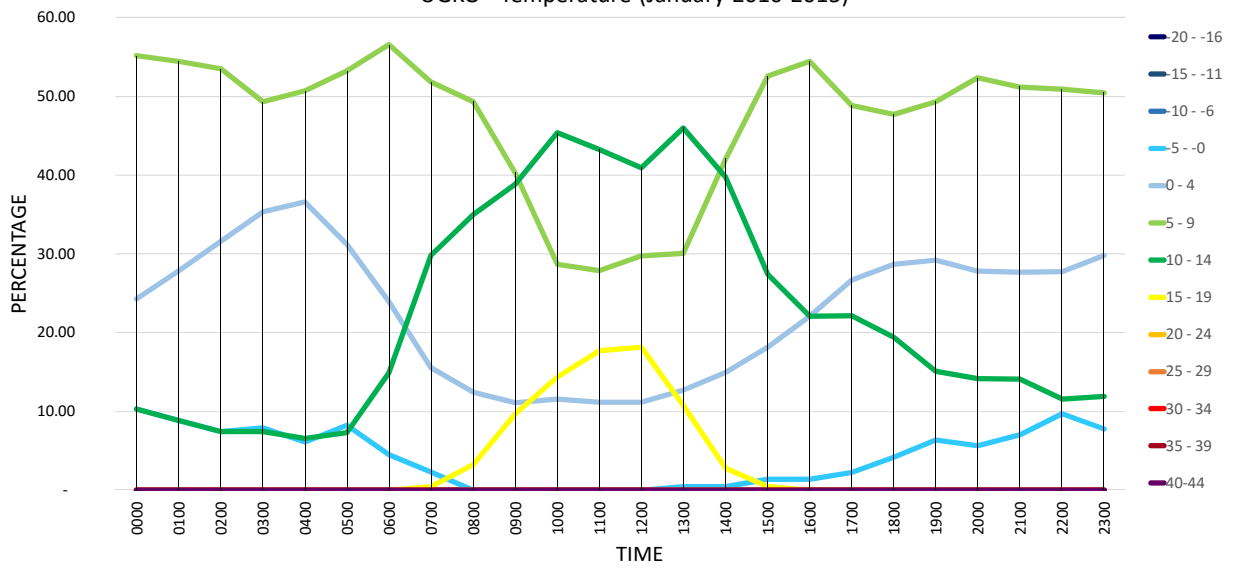
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	10.28	24.30	55.14	10.28	-	-	-	-	-	-
0100	-	-	-	8.84	27.91	54.42	8.84	-	-	-	-	-	-
0200	-	-	-	7.44	31.63	53.49	7.44	-	-	-	-	-	-
0300	-	-	-	7.91	35.35	49.30	7.44	-	-	-	-	-	-
0400	-	-	-	6.10	36.62	50.70	6.57	-	-	-	-	-	-
0500	-	-	-	8.26	31.19	53.21	7.34	-	-	-	-	-	-
0600	-	-	-	4.52	23.98	56.56	14.93	-	-	-	-	-	-
0700	-	-	-	2.29	15.60	51.83	29.82	0.46	-	-	-	-	-
0800	-	-	-	-	12.44	49.31	35.02	3.23	-	-	-	-	-
0900	-	-	-	-	11.11	40.28	38.89	9.72	-	-	-	-	-
1000	-	-	-	-	11.57	28.70	45.37	14.35	-	-	-	-	-
1100	-	-	-	-	11.16	27.91	43.26	17.67	-	-	-	-	-
1200	-	-	-	-	11.16	29.77	40.93	18.14	-	-	-	-	-
1300	-	-	-	0.47	12.68	30.05	46.01	10.80	-	-	-	-	-
1400	-	-	-	0.47	14.95	42.06	39.72	2.80	-	-	-	-	-
1500	-	-	-	1.40	18.14	52.56	27.44	0.47	-	-	-	-	-
1600	-	-	-	1.41	22.07	54.46	22.07	-	-	-	-	-	-
1700	-	-	-	2.26	26.70	48.87	22.17	-	-	-	-	-	-
1800	-	-	-	4.17	28.70	47.69	19.44	-	-	-	-	-	-
1900	-	-	-	6.39	29.22	49.32	15.07	-	-	-	-	-	-
2000	-	-	-	5.66	27.83	52.36	14.15	-	-	-	-	-	-
2100	-	-	-	7.04	27.70	51.17	14.08	-	-	-	-	-	-
2200	-	-	-	9.72	27.78	50.93	11.57	-	-	-	-	-	-
2300	-	-	-	7.80	29.82	50.46	11.93	-	-	-	-	-	-
MEAN	-	-	-	4.27	22.90	47.11	22.49	3.23	-	-	-	-	-

Min temperature -5° to -0° (time 0000 UTC) – 10.28%

Max temperature 15° to 19° (time 1200 UTC) – 18.14%

Mean dominating temperature 5° to 9° – 47.11%

UGKO - Temperature (January 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: FEBRUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4056

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

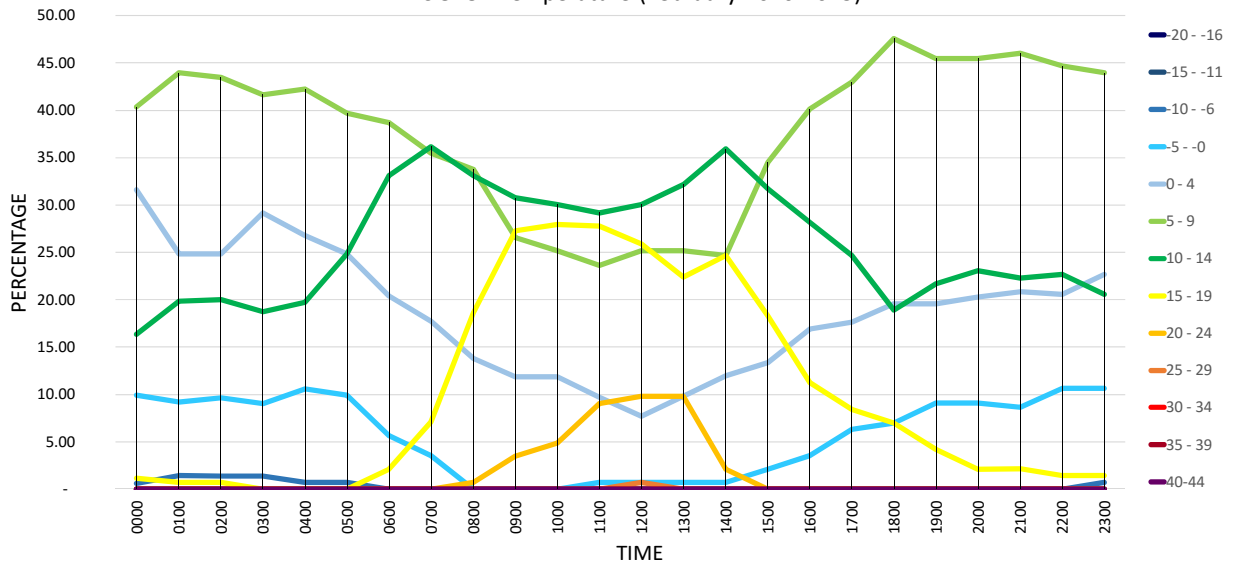
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	0.58	9.94	31.58	40.35	16.37	1.17	-	-	-	-	-
0100	-	-	1.42	9.22	24.82	43.97	19.86	0.71	-	-	-	-	-
0200	-	-	1.38	9.66	24.83	43.45	20.00	0.69	-	-	-	-	-
0300	-	-	1.39	9.03	29.17	41.67	18.75	-	-	-	-	-	-
0400	-	-	0.70	10.56	26.76	42.25	19.72	-	-	-	-	-	-
0500	-	-	0.71	9.93	24.82	39.72	24.82	-	-	-	-	-	-
0600	-	-	-	5.63	20.42	38.73	33.10	2.11	-	-	-	-	-
0700	-	-	-	3.55	17.73	35.46	36.17	7.09	-	-	-	-	-
0800	-	-	-	-	13.79	33.79	33.10	18.62	0.69	-	-	-	-
0900	-	-	-	-	11.89	26.57	30.77	27.27	3.50	-	-	-	-
1000	-	-	-	-	11.89	25.17	30.07	27.97	4.90	-	-	-	-
1100	-	-	-	0.69	9.72	23.61	29.17	27.78	9.03	-	-	-	-
1200	-	-	-	0.70	7.69	25.17	30.07	25.87	9.79	0.70	-	-	-
1300	-	-	-	0.70	9.79	25.17	32.17	22.38	9.79	-	-	-	-
1400	-	-	-	0.70	11.97	24.65	35.92	24.65	2.11	-	-	-	-
1500	-	-	-	2.11	13.38	34.51	31.69	18.31	-	-	-	-	-
1600	-	-	-	3.52	16.90	40.14	28.17	11.27	-	-	-	-	-
1700	-	-	-	6.34	17.61	42.96	24.65	8.45	-	-	-	-	-
1800	-	-	-	6.99	19.58	47.55	18.88	6.99	-	-	-	-	-
1900	-	-	-	9.09	19.58	45.45	21.68	4.20	-	-	-	-	-
2000	-	-	-	9.09	20.28	45.45	23.08	2.10	-	-	-	-	-
2100	-	-	-	8.63	20.86	46.04	22.30	2.16	-	-	-	-	-
2200	-	-	-	10.64	20.57	44.68	22.70	1.42	-	-	-	-	-
2300	-	-	0.71	10.64	22.70	43.97	20.57	1.42	-	-	-	-	-
MEAN	-	-	0.29	5.72	18.68	37.52	25.99	10.11	1.66	0.03	-	-	-

Min temperature -10° to -6° (time 0100 UTC) – 1.42%

Max temperature 25° to 29° (time 1200 UTC) – 0.70%

Mean dominating temperature 5° to 9° – 37.52%

UGKO - Temperature (February 2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

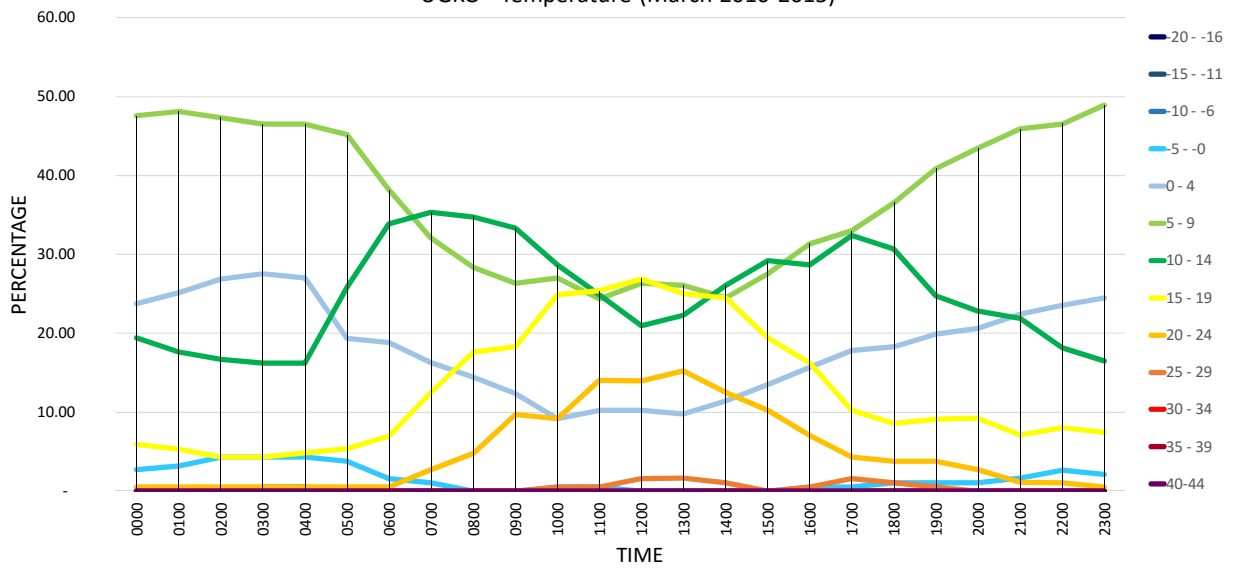
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	2.70	23.78	47.57	19.46	5.95	0.54	-	-	-	-
0100	-	-	-	3.21	25.13	48.13	17.65	5.35	0.53	-	-	-	-
0200	-	-	-	4.30	26.88	47.31	16.67	4.30	0.54	-	-	-	-
0300	-	-	0.54	4.32	27.57	46.49	16.22	4.32	0.54	-	-	-	-
0400	-	-	0.54	4.32	27.03	46.49	16.22	4.86	0.54	-	-	-	-
0500	-	-	-	3.76	19.35	45.16	25.81	5.38	0.54	-	-	-	-
0600	-	-	-	1.61	18.82	38.17	33.87	6.99	0.54	-	-	-	-
0700	-	-	-	1.09	16.30	32.07	35.33	12.50	2.72	-	-	-	-
0800	-	-	-	-	14.44	28.34	34.76	17.65	4.81	-	-	-	-
0900	-	-	-	-	12.37	26.34	33.33	18.28	9.68	-	-	-	-
1000	-	-	-	0.54	9.19	27.03	28.65	24.86	9.19	0.54	-	-	-
1100	-	-	-	0.54	10.27	24.32	24.86	25.41	14.05	0.54	-	-	-
1200	-	-	-	-	10.22	26.34	20.97	26.88	13.98	1.61	-	-	-
1300	-	-	-	-	9.78	26.09	22.28	25.00	15.22	1.63	-	-	-
1400	-	-	-	-	11.41	24.46	26.09	24.46	12.50	1.09	-	-	-
1500	-	-	-	-	13.51	27.57	29.19	19.46	10.27	-	-	-	-
1600	-	-	-	0.54	15.68	31.35	28.65	16.22	7.03	0.54	-	-	-
1700	-	-	-	0.54	17.84	32.97	32.43	10.27	4.32	1.62	-	-	-
1800	-	-	-	1.08	18.28	36.56	30.65	8.60	3.76	1.08	-	-	-
1900	-	-	-	1.08	19.89	40.86	24.73	9.14	3.76	0.54	-	-	-
2000	-	-	-	1.09	20.65	43.48	22.83	9.24	2.72	-	-	-	-
2100	-	-	-	1.64	22.40	45.90	21.86	7.10	1.09	-	-	-	-
2200	-	-	-	2.67	23.53	46.52	18.18	8.02	1.07	-	-	-	-
2300	-	-	-	2.13	24.47	48.94	16.49	7.45	0.53	-	-	-	-
MEAN	-	-	0.05	1.55	18.28	37.02	24.88	12.82	5.02	0.38	-	-	-

Min temperature -10° to -6° (time 0300 and 0400 UTC) – each 0.54%

Max temperature 25° to 29° (time 1300 UTC) – 1.63%

Mean dominating temperature 5° to 9° – 37.02%

### UGKO - Temperature (March 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

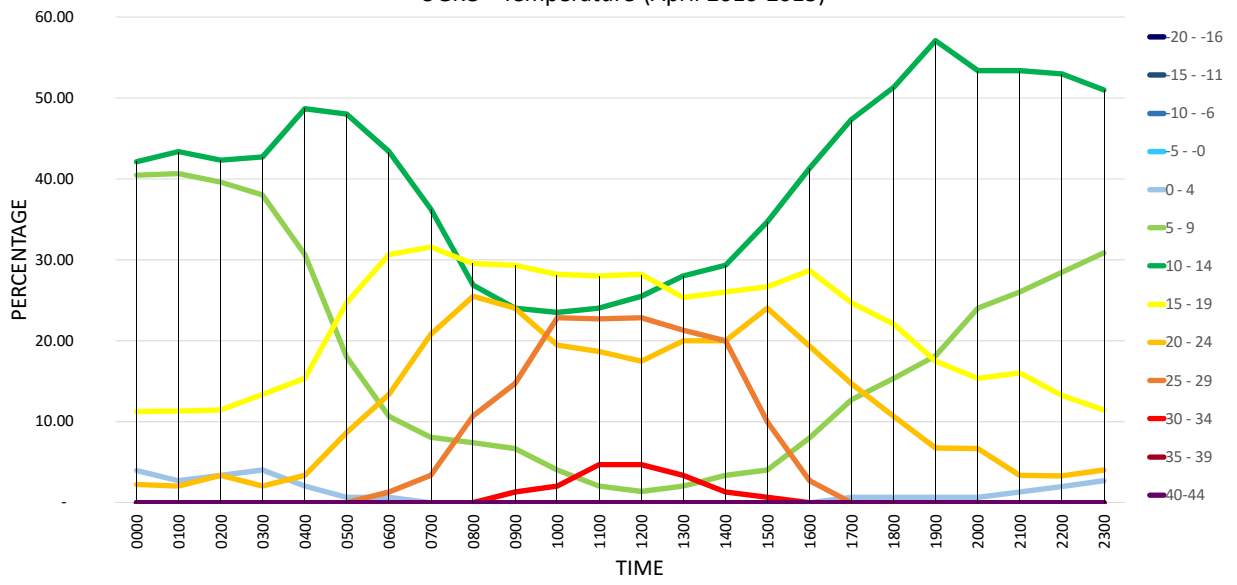
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	3.93	40.45	42.13	11.24	2.25	-	-	-	-	
0100	-	-	-	-	2.67	40.67	43.33	11.33	2.00	-	-	-	-	
0200	-	-	-	-	3.36	39.60	42.28	11.41	3.36	-	-	-	-	
0300	-	-	-	-	4.00	38.00	42.67	13.33	2.00	-	-	-	-	
0400	-	-	-	-	2.00	30.67	48.67	15.33	3.33	-	-	-	-	
0500	-	-	-	-	0.67	18.00	48.00	24.67	8.67	-	-	-	-	
0600	-	-	-	-	0.67	10.67	43.33	30.67	13.33	1.33	-	-	-	
0700	-	-	-	-	-	8.05	36.24	31.54	20.81	3.36	-	-	-	
0800	-	-	-	-	-	7.38	26.85	29.53	25.50	10.74	-	-	-	
0900	-	-	-	-	-	6.67	24.00	29.33	24.00	14.67	1.33	-	-	
1000	-	-	-	-	-	4.03	23.49	28.19	19.46	22.82	2.01	-	-	
1100	-	-	-	-	-	2.00	24.00	28.00	18.67	22.67	4.67	-	-	
1200	-	-	-	-	-	1.34	25.50	28.19	17.45	22.82	4.70	-	-	
1300	-	-	-	-	-	2.00	28.00	25.33	20.00	21.33	3.33	-	-	
1400	-	-	-	-	-	3.33	29.33	26.00	20.00	20.00	1.33	-	-	
1500	-	-	-	-	-	4.00	34.67	26.67	24.00	10.00	0.67	-	-	
1600	-	-	-	-	-	8.00	41.33	28.67	19.33	2.67	-	-	-	
1700	-	-	-	-	0.67	12.67	47.33	24.67	14.67	-	-	-	-	
1800	-	-	-	-	0.67	15.33	51.33	22.00	10.67	-	-	-	-	
1900	-	-	-	-	0.67	18.12	57.05	17.45	6.71	-	-	-	-	
2000	-	-	-	-	0.67	24.00	53.33	15.33	6.67	-	-	-	-	
2100	-	-	-	-	1.33	26.00	53.33	16.00	3.33	-	-	-	-	
2200	-	-	-	-	1.99	28.48	52.98	13.25	3.31	-	-	-	-	
2300	-	-	-	-	2.68	30.87	51.01	11.41	4.03	-	-	-	-	
MEAN	-	-	-	-	1.08	17.51	40.42	21.65	12.23	6.35	0.75	-	-	

Min temperature 0° to 4° (time 0300 UTC) – 4.00%

Max temperature 30° to 34° (time 1200 UTC) – 4.7%

Mean dominating temperature 10° to 14° – 40.42%

UGKO - Temperature (April 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

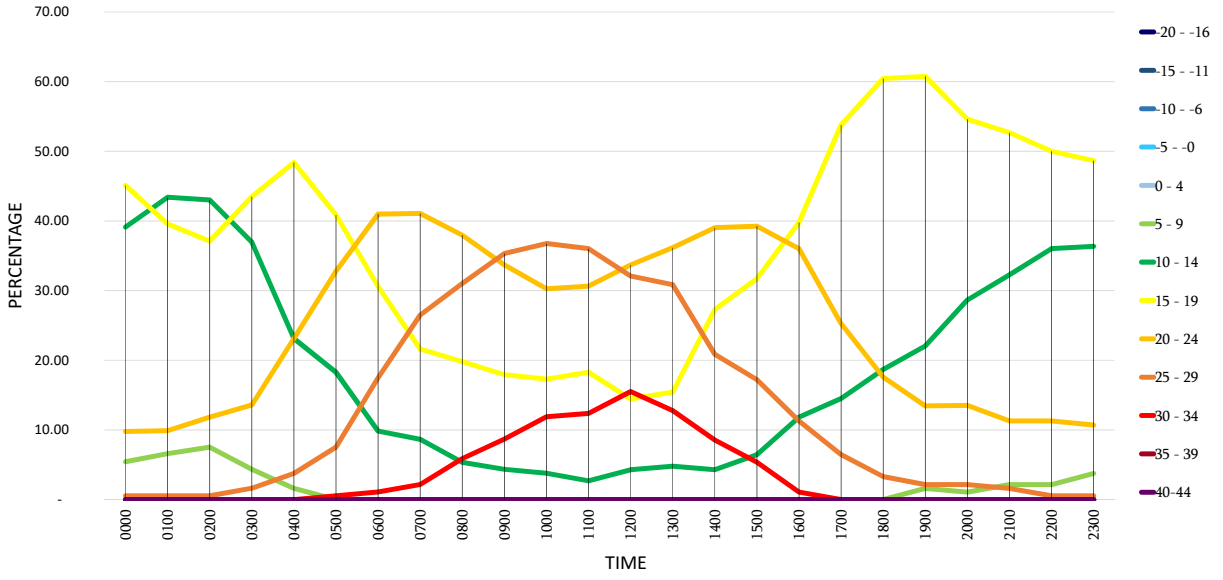
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	5.43	39.13	45.11	9.78	0.54	-	-	-
0100	-	-	-	-	-	6.59	43.41	39.56	9.89	0.55	-	-	-
0200	-	-	-	-	-	7.53	43.01	37.10	11.83	0.54	-	-	-
0300	-	-	-	-	-	4.35	36.96	43.48	13.59	1.63	-	-	-
0400	-	-	-	-	-	1.61	23.12	48.39	23.12	3.76	-	-	-
0500	-	-	-	-	-	-	18.28	40.86	32.80	7.53	0.54	-	-
0600	-	-	-	-	-	-	9.84	30.60	40.98	17.49	1.09	-	-
0700	-	-	-	-	-	-	8.65	21.62	41.08	26.49	2.16	-	-
0800	-	-	-	-	-	-	5.35	19.79	37.97	31.02	5.88	-	-
0900	-	-	-	-	-	-	4.35	17.93	33.70	35.33	8.70	-	-
1000	-	-	-	-	-	-	3.78	17.30	30.27	36.76	11.89	-	-
1100	-	-	-	-	-	-	2.69	18.28	30.65	36.02	12.37	-	-
1200	-	-	-	-	-	-	4.28	14.44	33.69	32.09	15.51	-	-
1300	-	-	-	-	-	-	4.79	15.43	36.17	30.85	12.77	-	-
1400	-	-	-	-	-	-	4.28	27.27	39.04	20.86	8.56	-	-
1500	-	-	-	-	-	-	6.45	31.72	39.25	17.20	5.38	-	-
1600	-	-	-	-	-	-	11.83	39.78	36.02	11.29	1.08	-	-
1700	-	-	-	-	-	-	14.52	53.76	25.27	6.45	-	-	-
1800	-	-	-	-	-	-	18.68	60.44	17.58	3.30	-	-	-
1900	-	-	-	-	-	1.61	22.04	60.75	13.44	2.15	-	-	-
2000	-	-	-	-	-	1.08	28.65	54.59	13.51	2.16	-	-	-
2100	-	-	-	-	-	2.15	32.26	52.69	11.29	1.61	-	-	-
2200	-	-	-	-	-	2.15	36.02	50.00	11.29	0.54	-	-	-
2300	-	-	-	-	-	3.74	36.36	48.66	10.70	0.53	-	-	-
MEAN	-	-	-	-	-	1.51	19.11	37.06	25.12	13.61	3.58	-	-

Min temperature 5° to 9° (time 0200 UTC) – 7.53%

Max temperature 30° to 34° (time 1200 UTC) – 15.51%

Mean dominating temperature 15° to 19° – 37.06%

UGKO - Temperature (May 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

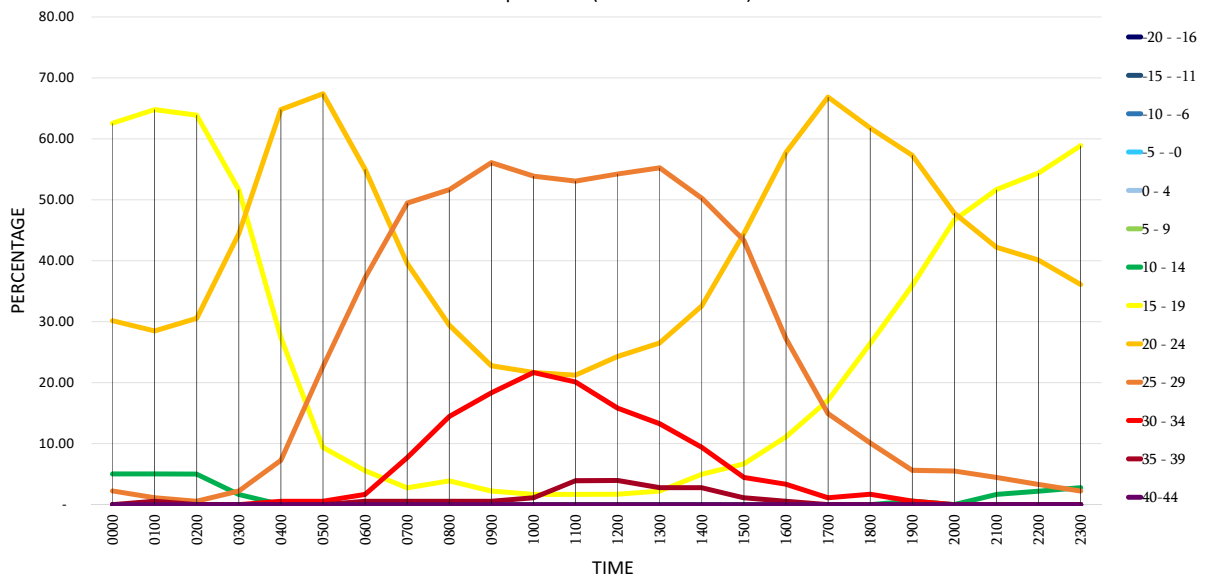
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	5.03	62.57	30.17	2.23	-	-	-
0100	-	-	-	-	-	-	5.03	64.80	28.49	1.12	-	0.56	-
0200	-	-	-	-	-	-	5.00	63.89	30.56	0.56	-	-	-
0300	-	-	-	-	-	-	1.67	51.67	44.44	2.22	-	-	-
0400	-	-	-	-	-	-	-	27.37	64.80	7.26	0.56	-	-
0500	-	-	-	-	-	-	-	9.39	67.40	22.65	0.55	-	-
0600	-	-	-	-	-	-	-	5.56	55.00	37.22	1.67	0.56	-
0700	-	-	-	-	-	-	-	2.75	39.56	49.45	7.69	0.55	-
0800	-	-	-	-	-	-	-	3.89	29.44	51.67	14.44	0.56	-
0900	-	-	-	-	-	-	-	2.22	22.78	56.11	18.33	0.56	-
1000	-	-	-	-	-	-	-	1.67	21.67	53.89	21.67	1.11	-
1100	-	-	-	-	-	-	-	1.68	21.23	53.07	20.11	3.91	-
1200	-	-	-	-	-	-	-	1.69	24.29	54.24	15.82	3.95	-
1300	-	-	-	-	-	-	-	2.21	26.52	55.25	13.26	2.76	-
1400	-	-	-	-	-	-	-	4.97	32.60	50.28	9.39	2.76	-
1500	-	-	-	-	-	-	-	6.67	44.44	43.33	4.44	1.11	-
1600	-	-	-	-	-	-	-	11.11	57.78	27.22	3.33	0.56	-
1700	-	-	-	-	-	-	-	17.13	66.85	14.92	1.10	-	-
1800	-	-	-	-	-	-	-	26.40	61.80	10.11	1.69	-	-
1900	-	-	-	-	-	-	0.56	35.96	57.30	5.62	0.56	-	-
2000	-	-	-	-	-	-	-	46.70	47.80	5.49	-	-	-
2100	-	-	-	-	-	-	1.67	51.67	42.22	4.44	-	-	-
2200	-	-	-	-	-	-	2.20	54.40	40.11	3.30	-	-	-
2300	-	-	-	-	-	-	2.78	58.89	36.11	2.22	-	-	-
MEAN	-	-	-	-	-	-	1.00	25.64	41.39	25.58	5.61	0.79	-

Min temperature 10° to 14° (time 0000 and 0100 UTC) – each 5.03%

Max temperature 35° to 39° (time 1200 UTC) – 3.95%

Mean dominating temperature 20° to 24° – 41.39%

UGKO - Temperature (June 2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: JULY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

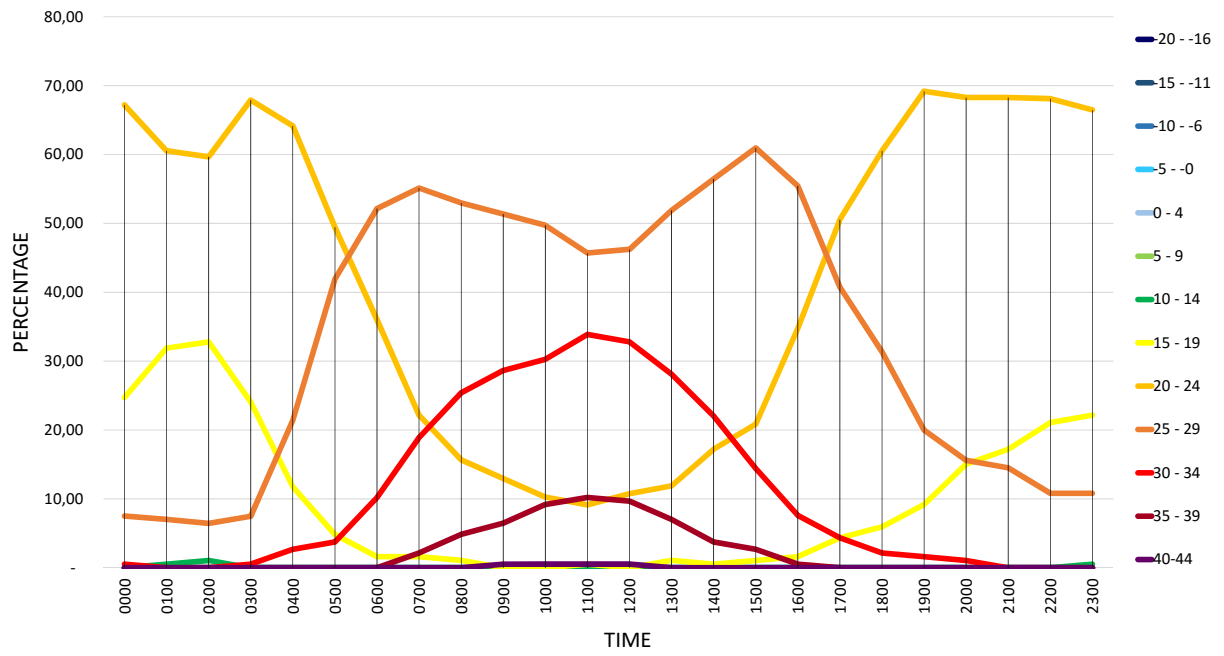
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	-	24.73	67.20	7.53	0.54	-	-
0100	-	-	-	-	-	-	0.54	31.89	60.54	7.03	-	-	-
0200	-	-	-	-	-	-	1.08	32.80	59.68	6.45	-	-	-
0300	-	-	-	-	-	-	-	24.06	67.91	7.49	0.53	-	-
0400	-	-	-	-	-	-	-	11.76	64.17	21.39	2.67	-	-
0500	-	-	-	-	-	-	-	4.84	49.46	41.94	3.76	-	-
0600	-	-	-	-	-	-	-	1.61	36.02	52.15	10.22	-	-
0700	-	-	-	-	-	-	-	1.62	22.16	55.14	18.92	2.16	-
0800	-	-	-	-	-	-	-	1.08	15.68	52.97	25.41	4.86	-
0900	-	-	-	-	-	-	-	-	12.97	51.35	28.65	6.49	0.54
1000	-	-	-	-	-	-	-	-	10.27	49.73	30.27	9.19	0.54
1100	-	-	-	-	-	-	-	0.54	9.14	45.70	33.87	10.22	0.54
1200	-	-	-	-	-	-	-	-	10.75	46.24	32.80	9.68	0.54
1300	-	-	-	-	-	-	-	1.08	11.89	51.89	28.11	7.03	-
1400	-	-	-	-	-	-	-	0.54	17.20	56.45	22.04	3.76	-
1500	-	-	-	-	-	-	-	1.07	20.86	60.96	14.44	2.67	-
1600	-	-	-	-	-	-	-	1.63	34.78	55.43	7.61	0.54	-
1700	-	-	-	-	-	-	-	4.35	50.54	40.76	4.35	-	-
1800	-	-	-	-	-	-	-	5.95	60.54	31.35	2.16	-	-
1900	-	-	-	-	-	-	-	9.19	69.19	20.00	1.62	-	-
2000	-	-	-	-	-	-	-	15.05	68.28	15.59	1.08	-	-
2100	-	-	-	-	-	-	-	17.20	68.28	14.52	-	-	-
2200	-	-	-	-	-	-	-	21.08	68.11	10.81	-	-	-
2300	-	-	-	-	-	-	0.54	22.16	66.49	10.81	-	-	-
MEAN	-	-	-	-	-	-	0.09	9.76	42.59	33.90	11.21	2.36	0.09

Min temperature 10° to 14° (time 0200 UTC) – 1.08%

Max temperature 40° to 44° (time 0900, 1000, 1100 and 1200 UTC) – each 0.54%

Mean dominating temperature 20° to 24° – 42.59%

### UGKO - Temperature (July 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

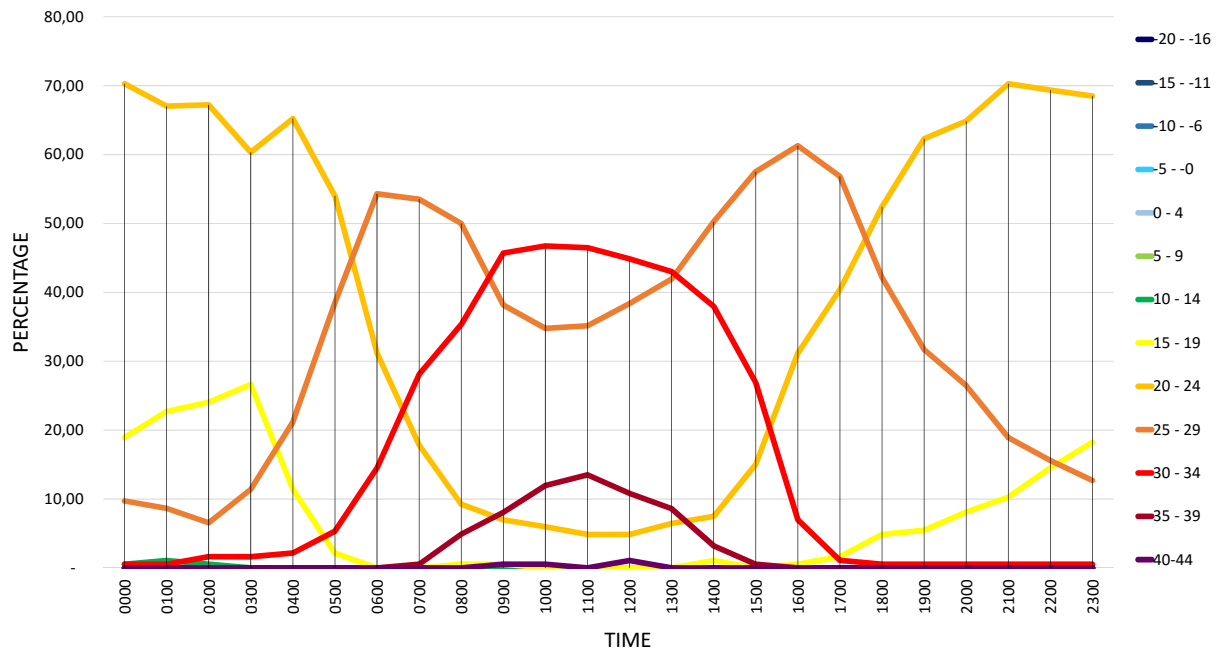
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	0.54	18.92	70.27	9.73	0.54	-	-
0100	-	-	-	-	-	-	1.08	22.70	67.03	8.65	0.54	-	-
0200	-	-	-	-	-	-	0.55	24.04	67.21	6.56	1.64	-	-
0300	-	-	-	-	-	-	-	26.63	60.33	11.41	1.63	-	-
0400	-	-	-	-	-	-	-	11.41	65.22	21.20	2.17	-	-
0500	-	-	-	-	-	-	-	2.14	54.01	38.50	5.35	-	-
0600	-	-	-	-	-	-	-	-	31.18	54.30	14.52	-	-
0700	-	-	-	-	-	-	-	-	17.84	53.51	28.11	0.54	-
0800	-	-	-	-	-	-	-	0.54	9.24	50.00	35.33	4.89	-
0900	-	-	-	-	-	-	-	0.54	6.99	38.17	45.70	8.06	0.54
1000	-	-	-	-	-	-	-	-	5.98	34.78	46.74	11.96	0.54
1100	-	-	-	-	-	-	-	-	4.86	35.14	46.49	13.51	-
1200	-	-	-	-	-	-	-	-	4.86	38.38	44.86	10.81	1.08
1300	-	-	-	-	-	-	-	-	6.45	41.94	43.01	8.60	-
1400	-	-	-	-	-	-	-	1.07	7.49	50.27	37.97	3.21	-
1500	-	-	-	-	-	-	-	-	15.05	57.53	26.88	0.54	-
1600	-	-	-	-	-	-	-	0.54	31.18	61.29	6.99	-	-
1700	-	-	-	-	-	-	-	1.64	40.44	56.83	1.09	-	-
1800	-	-	-	-	-	-	-	4.86	52.43	42.16	0.54	-	-
1900	-	-	-	-	-	-	-	5.46	62.30	31.69	0.55	-	-
2000	-	-	-	-	-	-	-	8.11	64.86	26.49	0.54	-	-
2100	-	-	-	-	-	-	-	10.27	70.27	18.92	0.54	-	-
2200	-	-	-	-	-	-	-	14.52	69.35	15.59	0.54	-	-
2300	-	-	-	-	-	-	-	18.23	68.51	12.71	0.55	-	-
MEAN	-	-	-	-	-	-	0.09	7.15	39.72	33.99	16.37	2.59	0.09

Min temperature 10° to 14° (time 0100 UTC) – 1.08%

Max temperature 40° to 44° (time 1200 UTC) – 1.08%

Mean dominating temperature 20° to 24° – 39.72%

### UGKO - Temperature (August 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

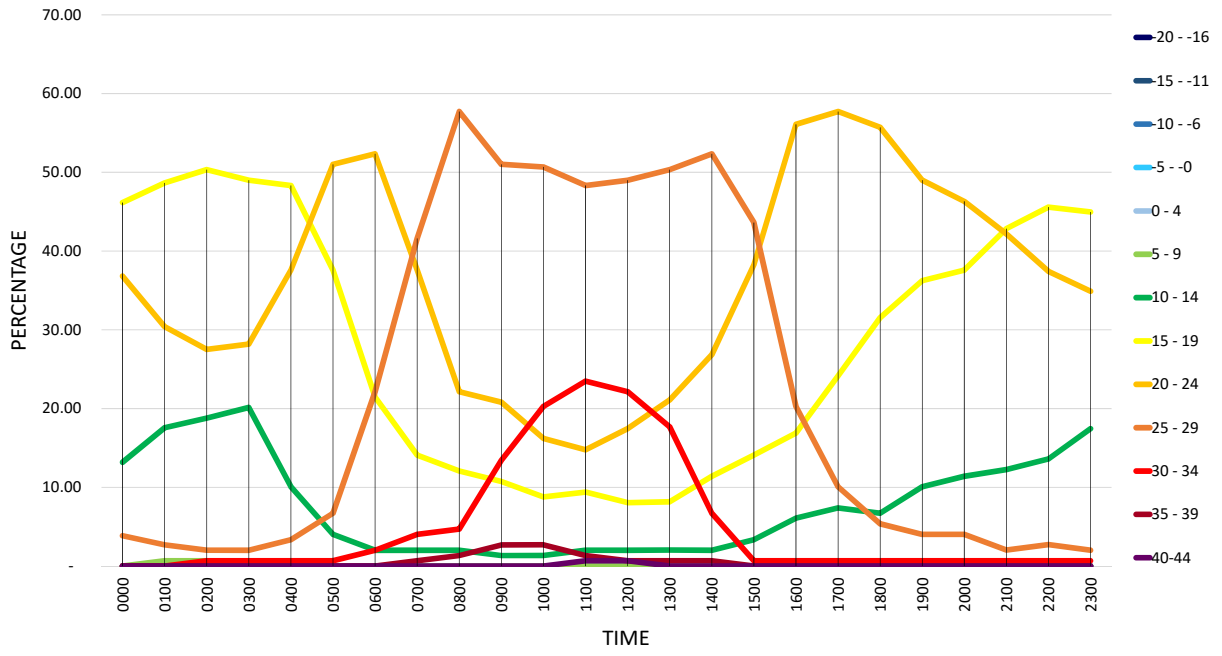
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	-	-	-	-	13.19	46.15	36.81	3.85	-	-	-
0100	-	-	-	-	-	0.68	17.57	48.65	30.41	2.70	-	-	-
0200	-	-	-	-	-	0.67	18.79	50.34	27.52	2.01	0.67	-	-
0300	-	-	-	-	-	-	20.13	48.99	28.19	2.01	0.67	-	-
0400	-	-	-	-	-	-	10.07	48.32	37.58	3.36	0.67	-	-
0500	-	-	-	-	-	-	4.03	37.58	51.01	6.71	0.67	-	-
0600	-	-	-	-	-	-	2.01	21.48	52.35	22.15	2.01	-	-
0700	-	-	-	-	-	-	2.01	14.09	37.58	41.61	4.03	0.67	-
0800	-	-	-	-	-	-	2.01	12.08	22.15	57.72	4.70	1.34	-
0900	-	-	-	-	-	-	1.34	10.74	20.81	51.01	13.42	2.68	-
1000	-	-	-	-	-	-	1.35	8.78	16.22	50.68	20.27	2.70	-
1100	-	-	-	-	-	-	2.01	9.40	14.77	48.32	23.49	1.34	0.67
1200	-	-	-	-	-	-	2.01	8.05	17.45	48.99	22.15	0.67	0.67
1300	-	-	-	-	-	-	2.04	8.16	21.09	50.34	17.69	0.68	-
1400	-	-	-	-	-	-	2.01	11.41	26.85	52.35	6.71	0.67	-
1500	-	-	-	-	-	-	3.36	14.09	38.26	43.62	0.67	-	-
1600	-	-	-	-	-	-	6.08	16.89	56.08	20.27	0.68	-	-
1700	-	-	-	-	-	-	7.38	24.16	57.72	10.07	0.67	-	-
1800	-	-	-	-	-	-	6.71	31.54	55.70	5.37	0.67	-	-
1900	-	-	-	-	-	-	10.07	36.24	48.99	4.03	0.67	-	-
2000	-	-	-	-	-	-	11.41	37.58	46.31	4.03	0.67	-	-
2100	-	-	-	-	-	-	12.24	42.86	42.18	2.04	0.68	-	-
2200	-	-	-	-	-	-	13.61	45.58	37.41	2.72	0.68	-	-
2300	-	-	-	-	-	-	17.45	44.97	34.90	2.01	0.67	-	-
MEAN	-	-	-	-	-	0.06	7.87	28.26	35.76	22.42	5.13	0.45	0.06

Min temperature 5° to 9° (time 0100 UTC) – 0.68%

Max temperature 40° to 44° (time 1100 and 1200 UTC) – each 0.67%

Mean dominating temperature 20° to 24° – 35.76%

### UGKO - Temperature (September 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

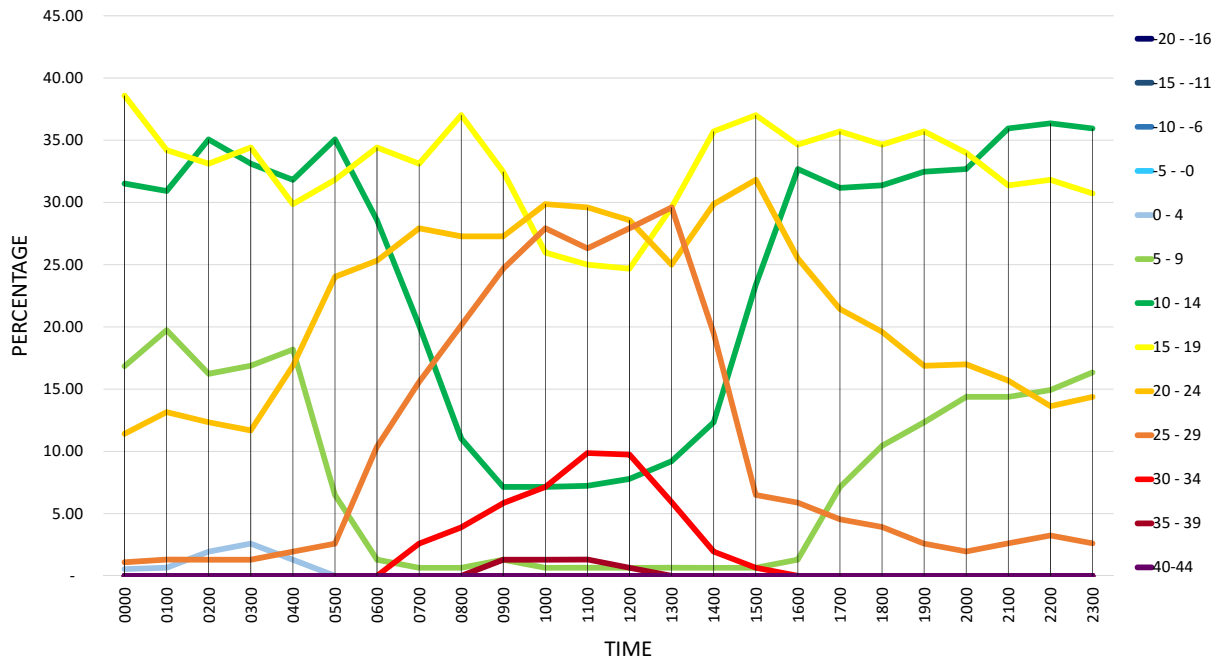
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	0.54	16.85	31.52	38.59	11.41	1.09	-	-	-	
0100	-	-	-	-	0.66	19.74	30.92	34.21	13.16	1.32	-	-	-	
0200	-	-	-	-	1.95	16.23	35.06	33.12	12.34	1.30	-	-	-	
0300	-	-	-	-	2.60	16.88	33.12	34.42	11.69	1.30	-	-	-	
0400	-	-	-	-	1.30	18.18	31.82	29.87	16.88	1.95	-	-	-	
0500	-	-	-	-	-	6.49	35.06	31.82	24.03	2.60	-	-	-	
0600	-	-	-	-	-	1.30	28.57	34.42	25.32	10.39	-	-	-	
0700	-	-	-	-	-	0.65	20.13	33.12	27.92	15.58	2.60	-	-	
0800	-	-	-	-	-	0.65	11.04	37.01	27.27	20.13	3.90	-	-	
0900	-	-	-	-	-	1.30	7.14	32.47	27.27	24.68	5.84	1.30	-	
1000	-	-	-	-	-	0.65	7.14	25.97	29.87	27.92	7.14	1.30	-	
1100	-	-	-	-	-	0.66	7.24	25.00	29.61	26.32	9.87	1.32	-	
1200	-	-	-	-	-	0.65	7.79	24.68	28.57	27.92	9.74	0.65	-	
1300	-	-	-	-	-	0.66	9.21	29.61	25.00	29.61	5.92	-	-	
1400	-	-	-	-	-	0.65	12.34	35.71	29.87	19.48	1.95	-	-	
1500	-	-	-	-	-	0.65	23.38	37.01	31.82	6.49	0.65	-	-	
1600	-	-	-	-	-	1.31	32.68	34.64	25.49	5.88	-	-	-	
1700	-	-	-	-	-	7.14	31.17	35.71	21.43	4.55	-	-	-	
1800	-	-	-	-	-	10.46	31.37	34.64	19.61	3.92	-	-	-	
1900	-	-	-	-	-	12.34	32.47	35.71	16.88	2.60	-	-	-	
2000	-	-	-	-	-	14.38	32.68	33.99	16.99	1.96	-	-	-	
2100	-	-	-	-	-	14.38	35.95	31.37	15.69	2.61	-	-	-	
2200	-	-	-	-	-	14.94	36.36	31.82	13.64	3.25	-	-	-	
2300	-	-	-	-	-	16.34	35.95	30.72	14.38	2.61	-	-	-	
MEAN	-	-	-	-	0.29	8.06	25.00	32.73	21.51	10.23	1.98	0.19	-	

Min temperature 0° to 4° (time 0300 UTC) – 2.60%

Max temperature 35° to 39° (time 1100 UTC) – 1.32%

Mean dominating temperature 15° to 19° – 32.73%

### UGKO - Temperature (October 2010-2015)





## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4320

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

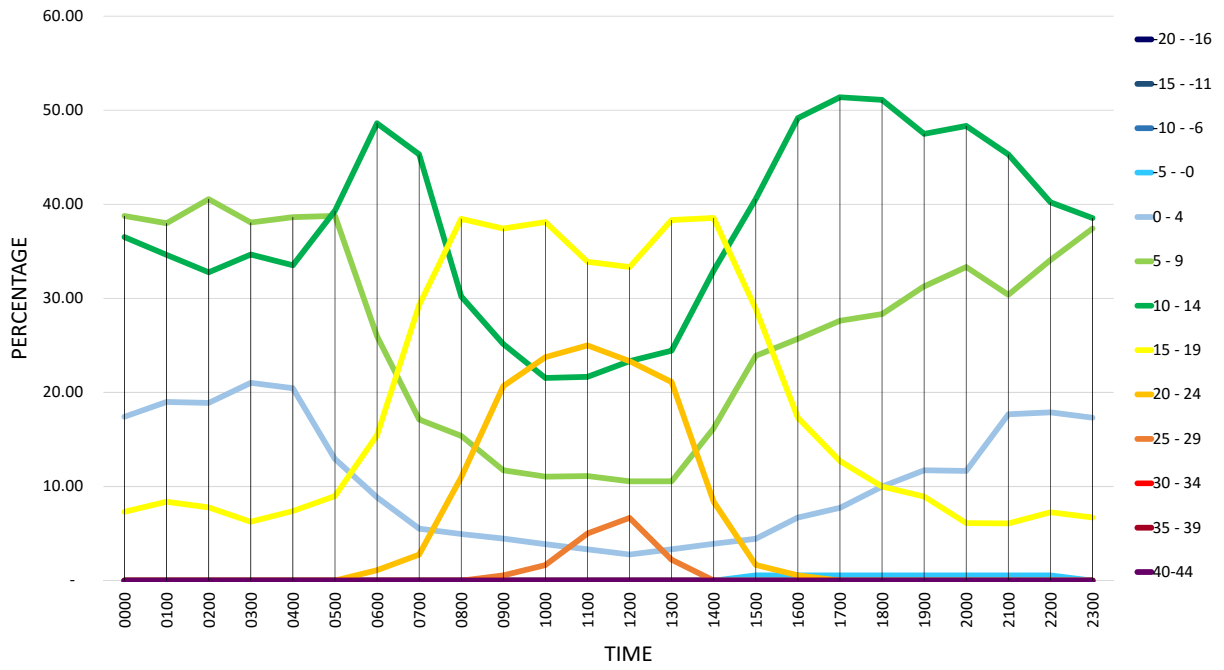
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES														
TIME (UTC)	Negative Temperature °C				Positive Temperature °C									
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
0000	-	-	-	-	17.42	38.76	36.52	7.30	-	-	-	-	-	
0100	-	-	-	-	18.99	37.99	34.64	8.38	-	-	-	-	-	
0200	-	-	-	-	18.89	40.56	32.78	7.78	-	-	-	-	-	
0300	-	-	-	-	21.02	38.07	34.66	6.25	-	-	-	-	-	
0400	-	-	-	-	20.45	38.64	33.52	7.39	-	-	-	-	-	
0500	-	-	-	-	12.92	38.76	39.33	8.99	-	-	-	-	-	
0600	-	-	-	-	8.84	25.97	48.62	15.47	1.10	-	-	-	-	
0700	-	-	-	-	5.52	17.13	45.30	29.28	2.76	-	-	-	-	
0800	-	-	-	-	4.95	15.38	30.22	38.46	10.99	-	-	-	-	
0900	-	-	-	-	4.47	11.73	25.14	37.43	20.67	0.56	-	-	-	
1000	-	-	-	-	3.87	11.05	21.55	38.12	23.76	1.66	-	-	-	
1100	-	-	-	-	3.33	11.11	21.67	33.89	25.00	5.00	-	-	-	
1200	-	-	-	-	2.78	10.56	23.33	33.33	23.33	6.67	-	-	-	
1300	-	-	-	-	3.33	10.56	24.44	38.33	21.11	2.22	-	-	-	
1400	-	-	-	-	3.91	16.20	32.96	38.55	8.38	-	-	-	-	
1500	-	-	-	0.56	4.44	23.89	40.56	28.89	1.67	-	-	-	-	
1600	-	-	-	0.56	6.70	25.70	49.16	17.32	0.56	-	-	-	-	
1700	-	-	-	0.55	7.73	27.62	51.38	12.71	-	-	-	-	-	
1800	-	-	-	0.56	10.00	28.33	51.11	10.00	-	-	-	-	-	
1900	-	-	-	0.56	11.73	31.28	47.49	8.94	-	-	-	-	-	
2000	-	-	-	0.56	11.67	33.33	48.33	6.11	-	-	-	-	-	
2100	-	-	-	0.55	17.68	30.39	45.30	6.08	-	-	-	-	-	
2200	-	-	-	0.56	17.88	34.08	40.22	7.26	-	-	-	-	-	
2300	-	-	-	-	17.32	37.43	38.55	6.70	-	-	-	-	-	
MEAN	-	-	-	0.19	10.66	26.44	37.37	18.87	5.81	0.67	-	-	-	

Min temperature -5° to -0° (time 1500, 1600, 1800, 1900, 2000, 2200 UTC) – each 0.56 %

Max temperature 25° to 29° (time 1200 UTC) – 6.67%

Mean dominating temperature 10° to 14° – 37.37%

### UGKO - Temperature (November 2010-2015)



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL E**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 4464

OBSERVATION INTERVAL: 1 HOUR

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

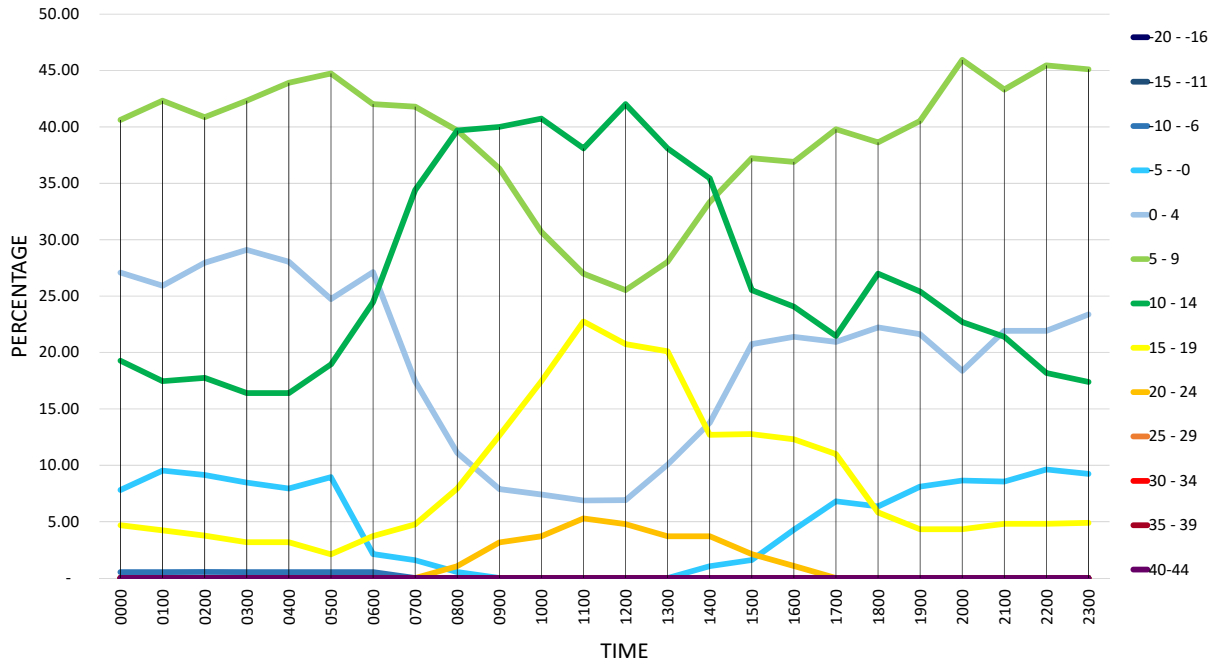
FREQUENCIES (PER CENT) OF SURFACE TEMPERATURE (SCREEN) IN SPECIFIED RANGES OF 5° AT SPECIFIED TIMES													
TIME (UTC)	Negative Temperature °C				Positive Temperature °C								
	20-16	15-11	10-6	5-0	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
0000	-	-	0.52	7.81	27.08	40.63	19.27	4.69	-	-	-	-	-
0100	-	-	0.53	9.52	25.93	42.33	17.46	4.23	-	-	-	-	-
0200	-	-	0.54	9.14	27.96	40.86	17.74	3.76	-	-	-	-	-
0300	-	-	0.53	8.47	29.10	42.33	16.40	3.17	-	-	-	-	-
0400	-	-	0.53	7.94	28.04	43.92	16.40	3.17	-	-	-	-	-
0500	-	-	0.53	8.95	24.74	44.74	18.95	2.11	-	-	-	-	-
0600	-	-	0.53	2.13	27.13	42.02	24.47	3.72	-	-	-	-	-
0700	-	-	-	1.59	17.46	41.80	34.39	4.76	-	-	-	-	-
0800	-	-	-	0.53	11.11	39.68	39.68	7.94	1.06	-	-	-	-
0900	-	-	-	-	7.89	36.32	40.00	12.63	3.16	-	-	-	-
1000	-	-	-	-	7.41	30.69	40.74	17.46	3.70	-	-	-	-
1100	-	-	-	-	6.88	26.98	38.10	22.75	5.29	-	-	-	-
1200	-	-	-	-	6.91	25.53	42.02	20.74	4.79	-	-	-	-
1300	-	-	-	-	10.05	28.04	38.10	20.11	3.70	-	-	-	-
1400	-	-	-	1.06	13.76	33.33	35.45	12.70	3.70	-	-	-	-
1500	-	-	-	1.60	20.74	37.23	25.53	12.77	2.13	-	-	-	-
1600	-	-	-	4.28	21.39	36.90	24.06	12.30	1.07	-	-	-	-
1700	-	-	-	6.81	20.94	39.79	21.47	10.99	-	-	-	-	-
1800	-	-	-	6.35	22.22	38.62	26.98	5.82	-	-	-	-	-
1900	-	-	-	8.11	21.62	40.54	25.41	4.32	-	-	-	-	-
2000	-	-	-	8.65	18.38	45.95	22.70	4.32	-	-	-	-	-
2100	-	-	-	8.56	21.93	43.32	21.39	4.81	-	-	-	-	-
2200	-	-	-	9.63	21.93	45.45	18.18	4.81	-	-	-	-	-
2300	-	-	-	9.24	23.37	45.11	17.39	4.89	-	-	-	-	-
MEAN	-	-	0.15	5.01	19.33	38.84	26.76	8.71	1.19	-	-	-	-

Min temperature -10° to -6° (time 0200 UTC) – 0.54 %

Max temperature 20° to 24° (time 1100 UTC) – 5.29%

Mean dominating temperature 5° to 9° – 38.84%

### UGKO - Temperature (December 2010-2015)



## ABSOLUTE AND MEAN ATMOSPHERIC PRESSURE

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL F**

AERODROME: UGKO

MONTHLY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 78864

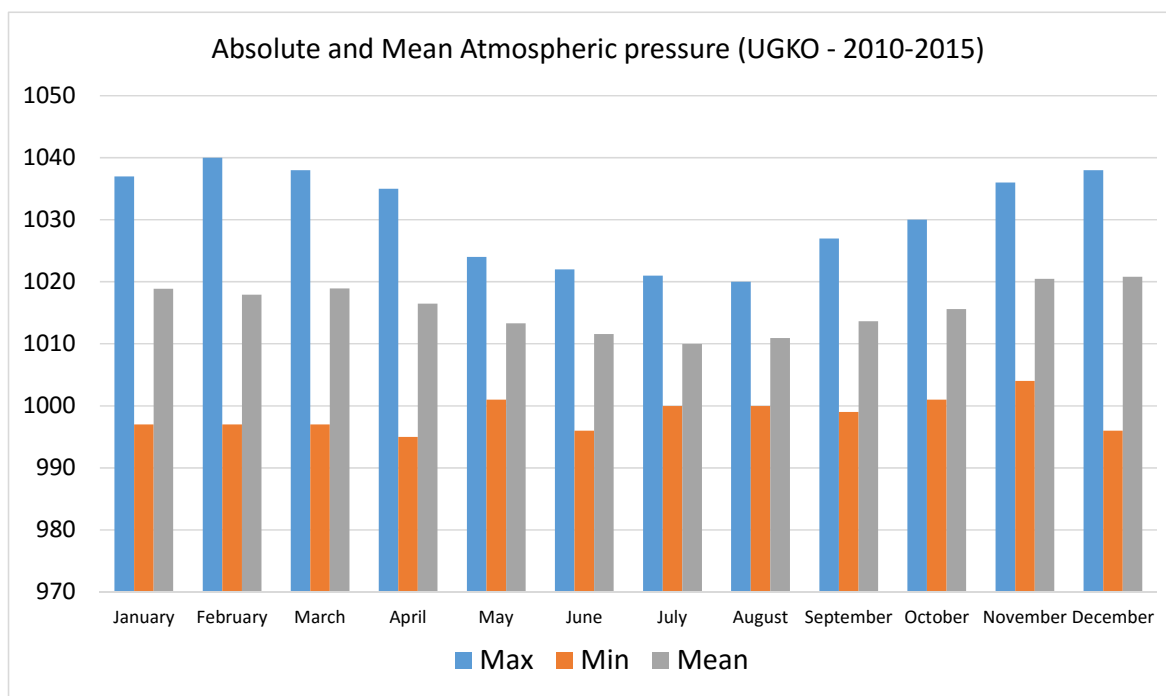
OBSERVATION INTERVAL: 30 MIN.

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	997	1019
February	1040	997	1018
March	1038	997	1019
April	1035	995	1016
May	1024	1001	1013
June	1022	996	1012
July	1021	1000	1010
August	1020	1000	1011
September	1027	999	1014
October	1030	1001	1016
November	1036	1004	1020
December	1038	996	1021



Based on the six 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: 2010-2015

LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

#### JANUARY

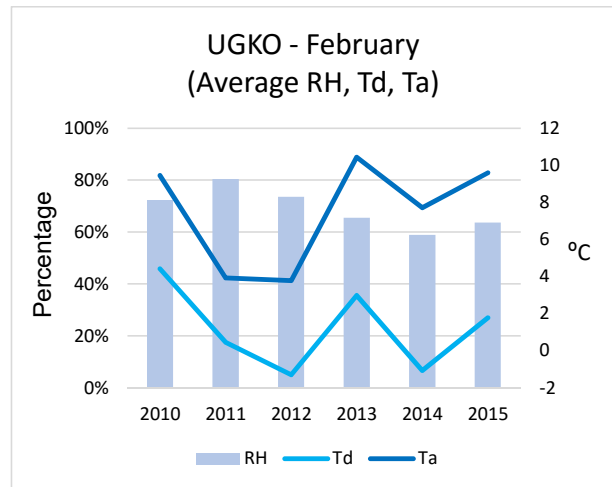
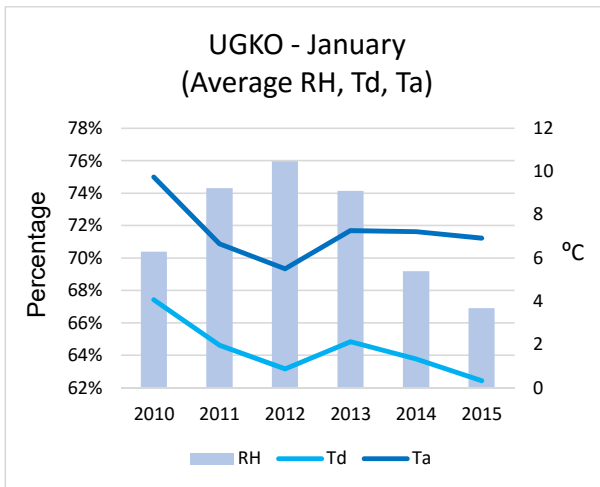
TOTAL NUMBER OF OBSERVATIONS: 4464

Average	2010	2011	2012	2013	2014	2015
RH	70%	74%	76%	74%	69%	67%
Td	4	2	1	2	1	0
Ta	10	7	5	7	7	7

#### FEBRUARY

TOTAL NUMBER OF OBSERVATIONS: 4056

Average	2010	2011	2012	2013	2014	2015
RH	72%	80%	74%	65%	59%	64%
Td	4	0	-1	3	-1	2
Ta	9	4	4	10	8	10



#### MARCH

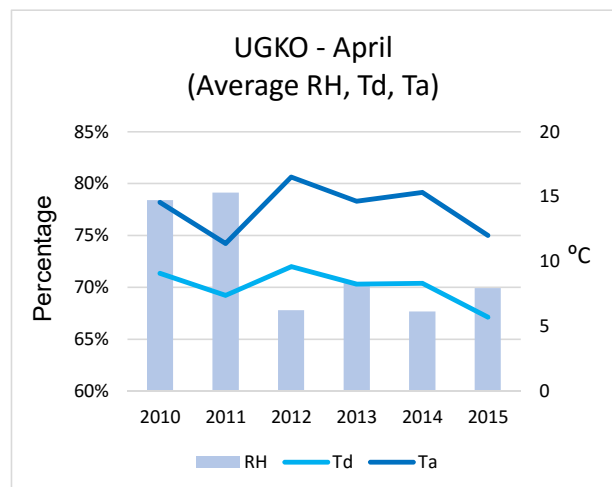
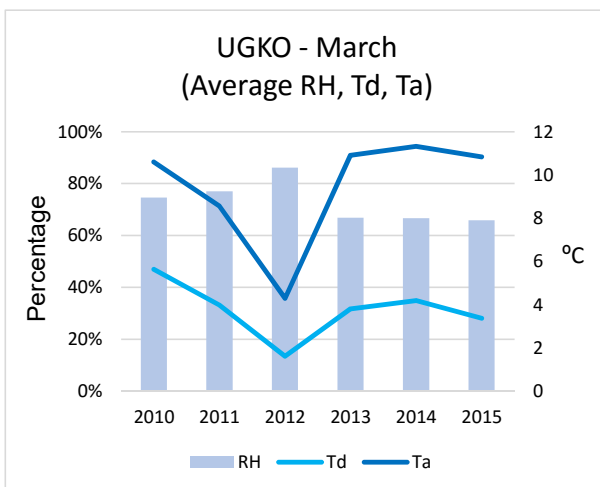
TOTAL NUMBER OF OBSERVATIONS: 4464

Average	2010	2011	2012	2013	2014	2015
RH	75%	77%	86%	67%	67%	66%
Td	6	4	2	4	4	3
Ta	11	9	4	11	11	11

#### APRIL

TOTAL NUMBER OF OBSERVATIONS: 4320

Average	2010	2011	2012	2013	2014	2015
RH	78%	79%	68%	70%	68%	70%
Td	9	7	10	8	8	6
Ta	15	11	16	15	15	12

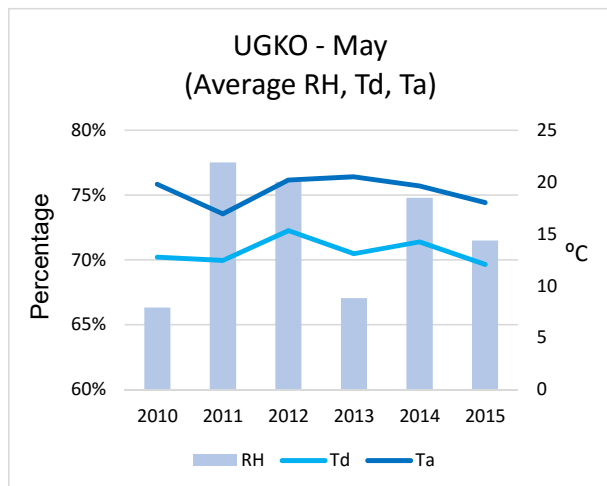




### MAY

TOTAL NUMBER OF OBSERVATIONS: 4464

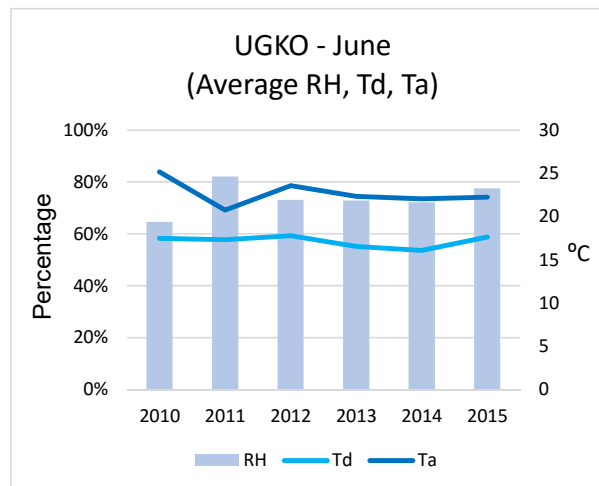
Average	2010	2011	2012	2013	2014	2015
RH	66%	78%	76%	67%	75%	71%
Td	13	12	15	13	14	12
Ta	20	17	20	21	20	18



### JUNE

TOTAL NUMBER OF OBSERVATIONS: 4320

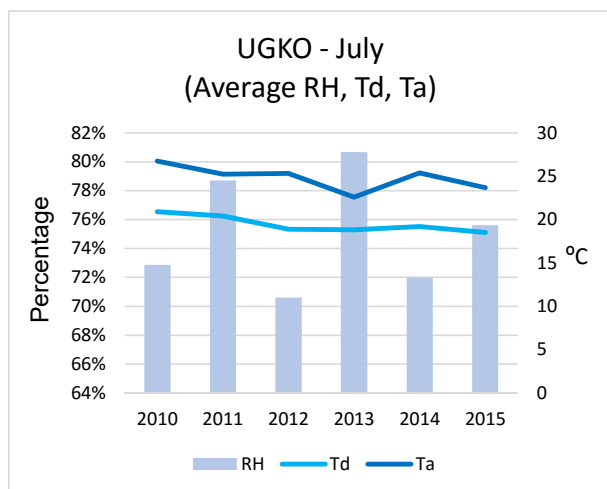
Average	2010	2011	2012	2013	2014	2015
RH	65%	82%	73%	73%	72%	78%
Td	17	17	18	17	16	18
Ta	25	21	24	22	22	22



### JULY

TOTAL NUMBER OF OBSERVATIONS: 4464

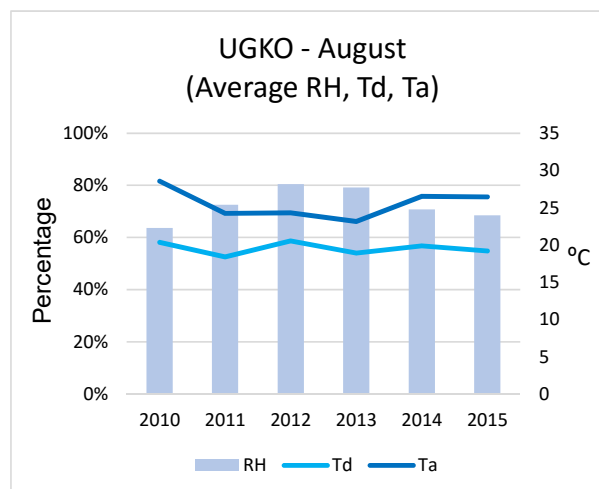
Average	2010	2011	2012	2013	2014	2015
RH	73%	79%	71%	81%	72%	76%
Td	21	20	19	19	19	19
Ta	27	25	25	23	25	24



### AUGUST

TOTAL NUMBER OF OBSERVATIONS: 4464

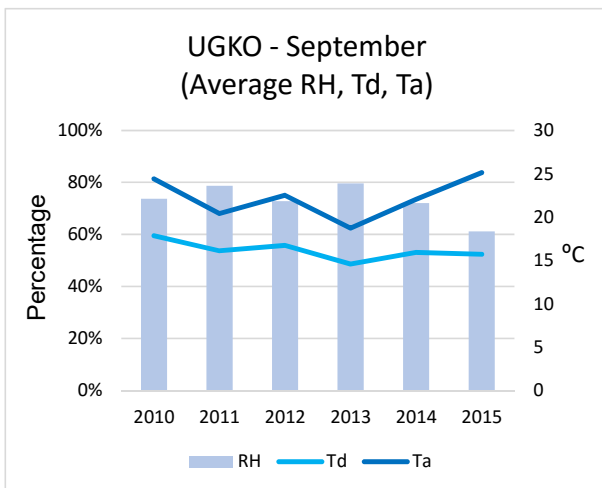
Average	2010	2011	2012	2013	2014	2015
RH	64%	73%	80%	79%	71%	69%
Td	20	18	21	19	20	19
Ta	29	24	24	23	27	26



### SEPTEMBER

TOTAL NUMBER OF OBSERVATIONS: 4320

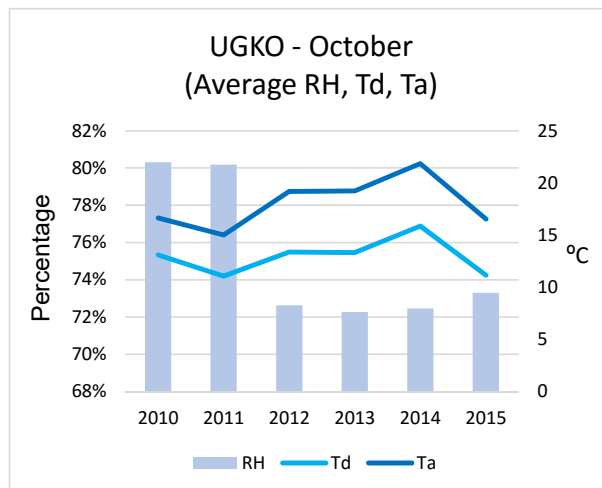
Average	2010	2011	2012	2013	2014	2015
RH	74%	79%	73%	80%	72%	61%
Td	18	16	17	15	16	16
Ta	24	20	23	19	22	25



### OCTOBER

TOTAL NUMBER OF OBSERVATIONS: 4464

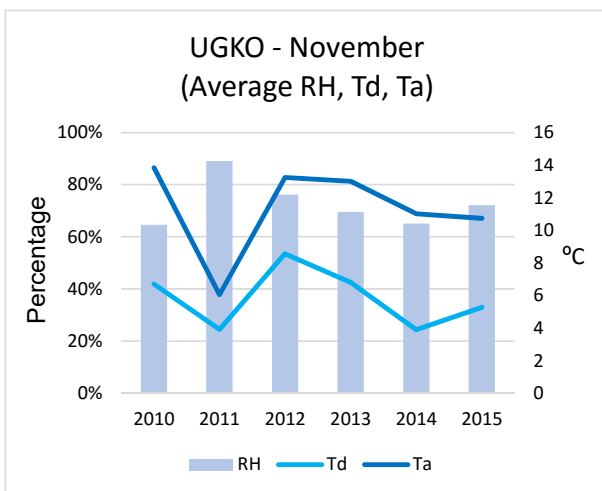
Average	2010	2011	2012	2013	2014	2015
RH	80%	80%	73%	72%	72%	73%
Td	13	11	13	13	16	11
Ta	17	15	19	19	22	17



### NOVEMBER

TOTAL NUMBER OF OBSERVATIONS: 4320

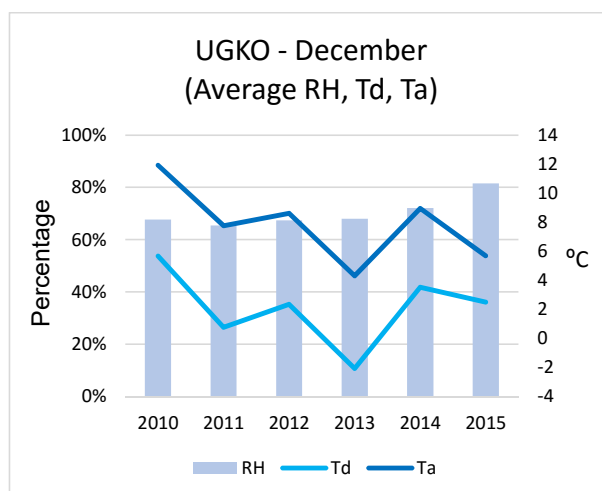
Average	2010	2011	2012	2013	2014	2015
RH	65%	89%	76%	70%	65%	72%
Td	7	4	9	7	4	5
Ta	14	6	13	13	11	11



### DECEMBER

TOTAL NUMBER OF OBSERVATIONS: 4464

Average	2010	2011	2012	2013	2014	2015
RH	68%	65%	67%	68%	72%	81%
Td	6	1	2	-2	4	2
Ta	12	8	9	4	9	6





## WEATHER PHENOMENA

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: JANUARY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

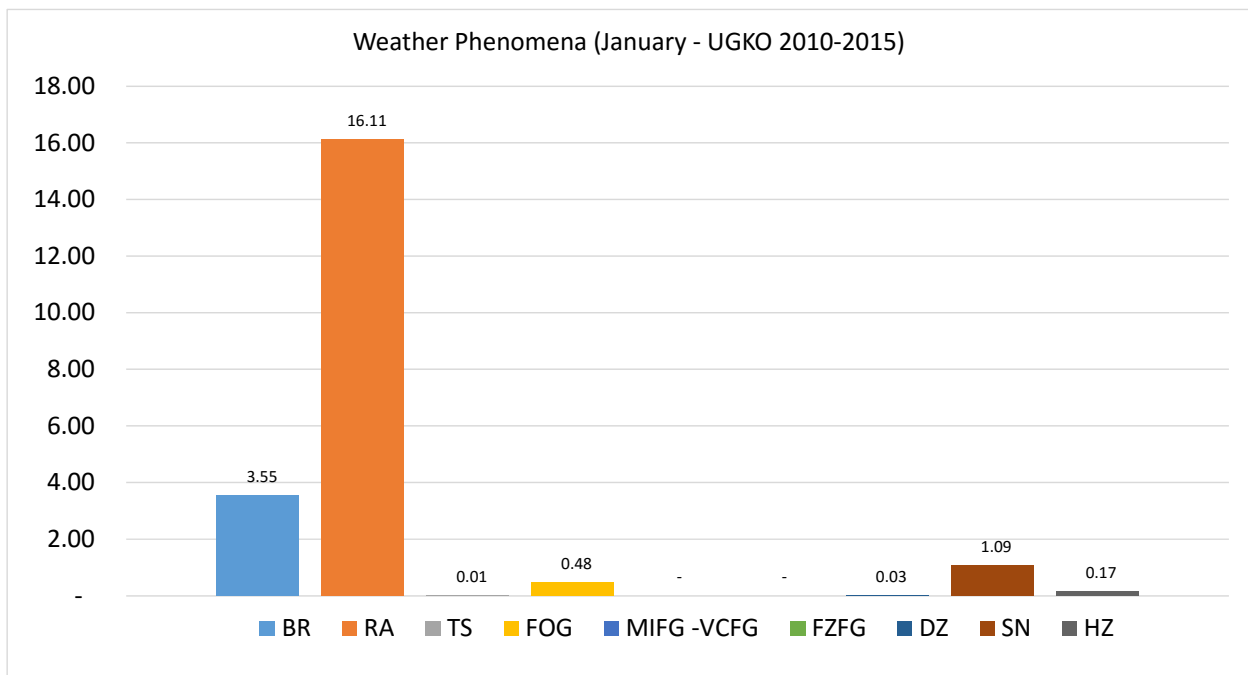
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.57	17.86	-	0.71	-	-	-	2.14	0.71
0030	7.41	16.05	-	1.23	-	-	1.23	-	-
0100	4.62	17.34	-	0.58	-	-	-	1.73	0.58
0130	3.66	14.63	-	1.22	-	-	-	1.22	-
0200	4.79	15.07	-	0.68	-	-	-	0.68	0.68
0230	3.75	12.50	-	1.25	-	-	-	1.25	1.25
0300	8.48	17.58	-	0.61	-	-	-	0.61	1.82
0330	6.98	16.28	-	1.16	-	-	-	-	-
0400	5.17	17.82	-	0.57	-	-	-	1.72	-
0430	1.22	12.20	-	1.22	-	-	-	1.22	-
0500	5.71	13.71	-	0.57	-	-	-	1.71	-
0530	3.57	17.86	-	-	-	-	-	1.19	-
0600	5.06	14.61	-	-	-	-	-	2.81	-
0630	-	18.07	-	-	-	-	-	1.20	-
0700	5.14	16.00	-	-	-	-	-	2.29	-
0730	1.22	17.07	-	-	-	-	-	-	-
0800	2.91	15.12	-	-	-	-	-	1.74	-
0830	-	19.28	-	-	-	-	-	-	-
0900	2.87	14.94	-	-	-	-	-	1.72	-
0930	1.19	15.48	-	-	-	-	-	1.19	-
1000	2.89	16.76	-	-	-	-	-	1.73	-
1030	1.22	17.07	-	-	-	-	-	-	-
1100	1.73	17.92	-	-	-	-	-	1.16	-
1130	1.19	14.29	-	-	-	-	-	-	-
1200	0.59	17.16	-	-	-	-	-	1.78	0.59
1230	-	18.29	-	-	-	-	-	1.22	-
1300	0.58	19.19	-	-	-	-	-	1.16	-
1330	1.22	19.51	-	-	-	-	-	-	-
1400	1.23	15.95	-	-	-	-	-	0.61	-
1430	1.22	13.41	-	-	-	-	-	-	-
1500	1.23	15.95	-	-	-	-	-	0.61	-
1530	3.66	15.85	-	-	-	-	-	-	-
1600	4.07	16.28	-	-	-	-	-	1.16	-
1630	3.66	19.51	-	-	-	-	-	-	-
1700	6.76	17.57	-	-	-	-	-	1.35	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	4.88	17.07	-	1.22	-	-	-	1.22	-
1800	6.21	18.62	-	0.69	-	-	-	1.38	-
1830	4.76	19.05	-	1.19	-	-	-	-	-
1900	4.19	14.37	0.60	1.20	-	-	-	2.40	-
1930	5.00	13.75	-	1.25	-	-	-	-	-
2000	4.93	15.49	-	0.70	-	-	-	2.82	-
2030	3.70	17.28	-	1.23	-	-	-	-	-
2100	4.93	16.20	-	0.70	-	-	-	1.41	-
2130	4.76	13.10	-	1.19	-	-	-	1.19	-
2200	4.79	19.18	-	0.68	-	-	-	2.74	-
2230	3.70	11.11	-	1.23	-	-	-	-	-
2300	4.83	15.17	-	0.69	-	-	-	2.76	-
2330	4.94	8.64	-	1.23	-	-	-	1.23	2.47
Mean	3.55	16.11	0.01	0.48	-	-	0.03	1.09	0.17



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in January are: rain – 16.11%, mist – 3.55%, snow – 1.09%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6072

OBSERVATION INTERVAL: 30 MIN.

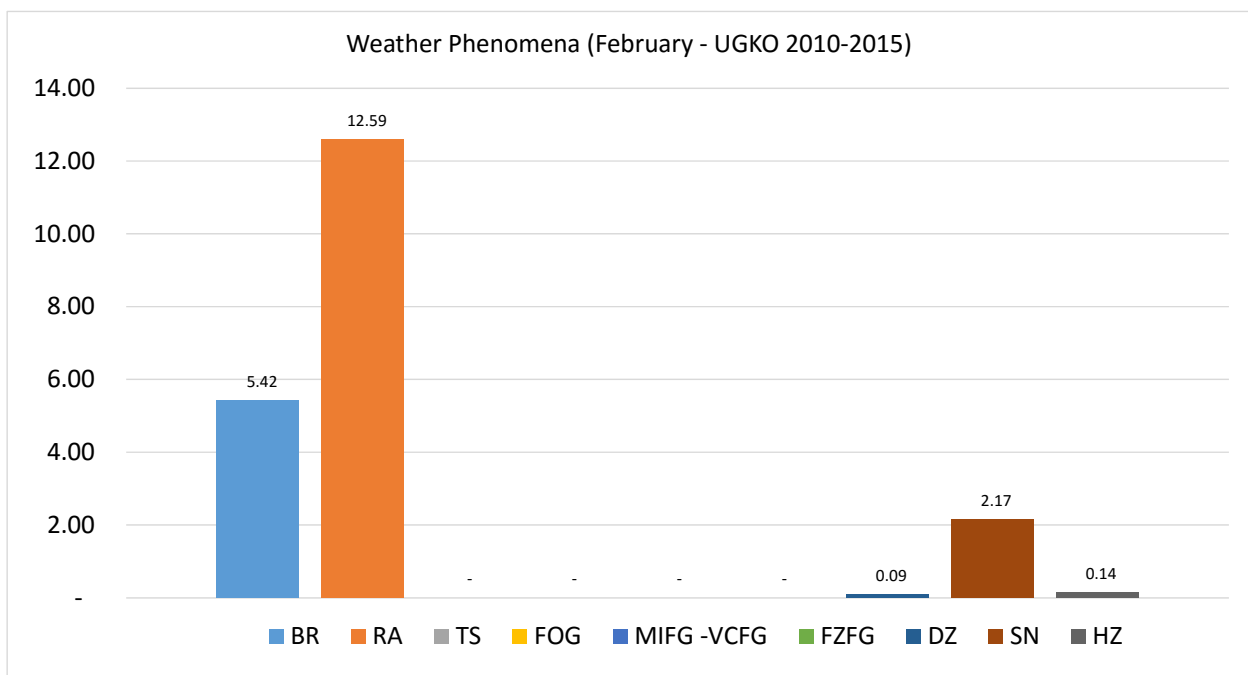
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	9.22	13.48	-	-	-	-	-	5.67	-
0030	2.33	10.47	-	-	-	-	-	-	1.16
0100	8.93	16.67	-	-	-	-	-	4.76	-
0130	7.14	14.29	-	-	-	-	-	-	-
0200	12.90	16.77	-	-	-	-	0.65	4.52	-
0230	3.49	11.63	-	-	-	-	-	-	-
0300	9.47	17.16	-	-	-	-	-	4.14	-
0330	3.53	12.94	-	-	-	-	-	-	-
0400	11.83	17.16	-	-	-	-	-	4.14	-
0430	6.98	12.79	-	-	-	-	-	1.16	-
0500	10.71	19.05	-	-	-	-	-	5.36	-
0530	5.95	15.48	-	-	-	-	-	-	-
0600	11.18	16.47	-	-	-	-	-	5.29	-
0630	3.57	13.10	-	-	-	-	-	1.19	-
0700	9.47	14.79	-	-	-	-	-	3.55	-
0730	-	10.71	-	-	-	-	-	-	-
0800	7.51	13.29	-	-	-	-	-	4.05	-
0830	1.14	7.95	-	-	-	-	-	1.14	-
0900	6.51	11.24	-	-	-	-	-	4.73	-
0930	1.16	8.14	-	-	-	-	-	-	-
1000	7.10	12.43	-	-	-	-	-	3.55	-
1030	2.33	8.14	-	-	-	-	-	-	-
1100	6.63	13.25	-	-	-	-	-	4.22	-
1130	2.30	9.20	-	-	-	-	-	-	-
1200	7.19	10.78	-	-	-	-	-	4.79	-
1230	1.15	10.34	-	-	-	-	-	-	-
1300	4.68	12.28	-	-	-	-	-	2.34	-
1330	1.15	10.34	-	-	-	-	-	-	-
1400	5.45	10.91	-	-	-	-	-	3.64	-
1430	1.16	9.30	-	-	-	-	-	-	-
1500	6.71	13.41	-	-	-	-	-	3.66	-
1530	3.45	11.49	-	-	-	-	-	-	-
1600	5.33	15.38	-	-	-	-	-	3.55	-
1630	3.49	9.30	-	-	-	-	-	-	-
1700	5.13	12.82	-	-	-	-	-	3.85	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.16	8.14	-	-	-	-	-	-	-
1800	6.25	10.63	-	-	-	-	-	4.38	-
1830	2.33	11.63	-	-	-	-	-	-	-
1900	5.39	11.38	-	-	-	-	-	3.59	-
1930	2.33	10.47	-	-	-	-	-	-	-
2000	6.16	11.64	-	-	-	-	0.68	5.48	-
2030	2.33	9.30	-	-	-	-	1.16	-	2.33
2100	6.62	13.97	-	-	-	-	0.74	4.41	-
2130	6.02	16.87	-	-	-	-	-	-	-
2200	7.84	16.34	-	-	-	-	-	3.27	1.31
2230	4.88	10.98	-	-	-	-	-	-	-
2300	7.86	17.14	-	-	-	-	-	3.57	0.71
2330	4.65	12.79	-	-	-	-	1.16	-	1.16
Mean	5.42	12.59	-	-	-	-	0.09	2.17	0.14



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in February are: rain – 12.59%, mist – 5.42%, snow – 2.17%.

No thunderstorm activities were observed in February.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: MARCH

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

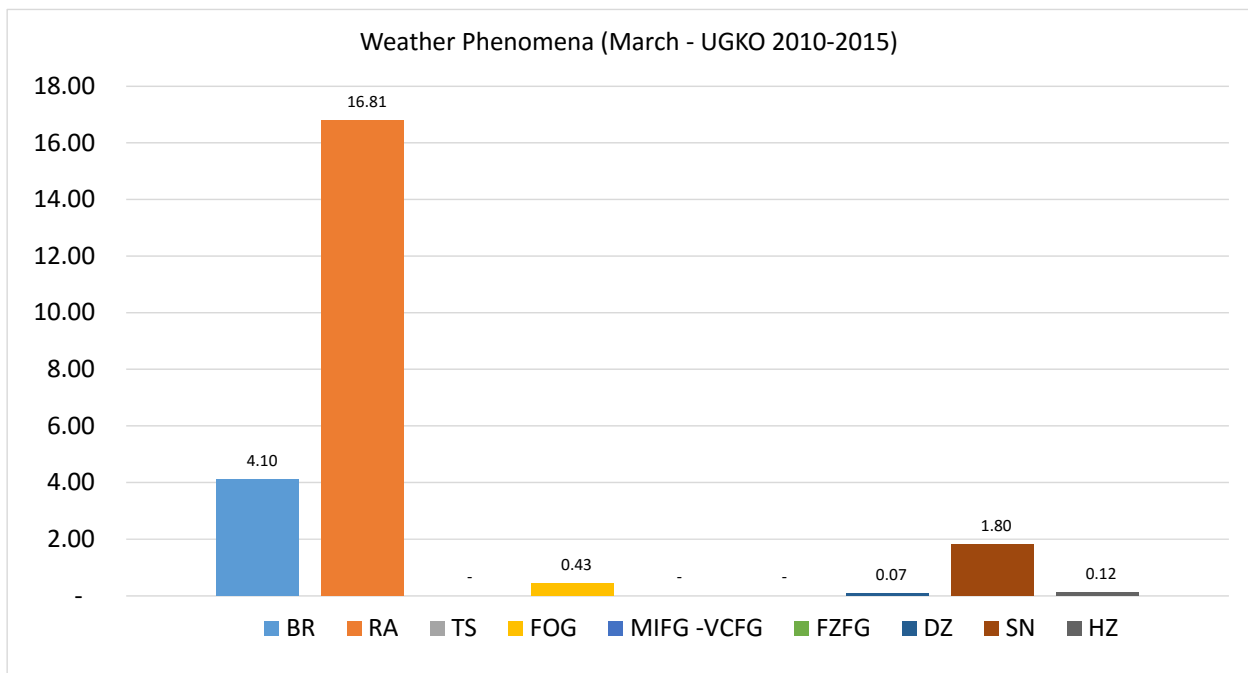
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	9.93	21.85	-	1.32	-	-	-	4.64	-
0030	2.13	12.77	-	2.13	-	-	-	-	-
0100	8.70	20.11	-	1.63	-	-	-	5.43	0.54
0130	4.30	13.98	-	1.08	-	-	-	-	1.08
0200	9.47	20.71	-	1.18	-	-	-	2.96	0.59
0230	4.35	9.78	-	1.09	-	-	-	-	-
0300	10.27	18.38	-	1.62	-	-	-	3.24	-
0330	8.42	15.79	-	-	-	-	-	2.11	-
0400	10.87	21.74	-	0.54	-	-	-	3.26	-
0430	6.38	20.21	-	-	-	-	-	2.13	-
0500	12.37	22.58	-	0.54	-	-	-	4.30	-
0530	3.26	16.30	-	-	-	-	1.09	-	-
0600	9.24	20.65	-	-	-	-	-	3.80	-
0630	3.26	18.48	-	-	-	-	-	-	-
0700	7.10	20.22	-	-	-	-	-	3.28	-
0730	2.17	16.30	-	-	-	-	-	-	-
0800	5.43	19.02	-	-	-	-	-	2.72	-
0830	4.40	18.68	-	-	-	-	-	1.10	-
0900	4.30	16.67	-	-	-	-	-	3.76	-
0930	-	14.13	-	-	-	-	-	-	-
1000	4.92	20.22	-	-	-	-	-	3.28	-
1030	2.15	17.20	-	-	-	-	-	-	-
1100	3.30	14.29	-	-	-	-	-	1.65	-
1130	1.06	13.83	-	-	-	-	-	1.06	-
1200	3.31	18.23	-	0.55	-	-	-	2.21	-
1230	-	15.22	-	-	-	-	-	-	-
1300	2.20	15.38	-	0.55	-	-	-	2.75	-
1330	-	15.38	-	-	-	-	-	-	-
1400	1.70	17.61	-	0.57	-	-	-	1.70	-
1430	-	12.22	-	-	-	-	-	-	-
1500	1.13	16.95	-	0.56	-	-	-	2.82	-
1530	-	15.38	-	-	-	-	-	1.10	-
1600	2.76	19.34	-	0.55	-	-	-	1.66	-
1630	-	16.30	-	-	-	-	-	1.09	-
1700	5.26	17.54	-	0.58	-	-	-	3.51	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.09	15.22	-	-	-	-	-	-	-
1800	4.07	18.60	-	0.58	-	-	1.16	2.91	-
1830	-	12.09	-	-	-	-	-	-	-
1900	3.23	20.43	-	0.54	-	-	-	2.15	-
1930	-	14.13	-	-	-	-	-	-	-
2000	4.43	15.82	-	0.63	-	-	-	4.43	-
2030	2.20	14.29	-	-	-	-	-	-	-
2100	6.49	13.64	-	0.65	-	-	-	3.25	0.65
2130	2.22	13.33	-	-	-	-	-	-	1.11
2200	6.02	18.67	-	1.20	-	-	-	4.22	-
2230	1.10	14.29	-	1.10	-	-	1.10	-	1.10
2300	8.39	16.77	-	1.29	-	-	-	3.87	0.65
2330	3.41	15.91	-	-	-	-	-	-	-
Mean	4.10	16.81	-	0.43	-	-	0.07	1.80	0.12



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in March are: rain – 16.81%, mist – 4.10%, snow – 1.80%.

No thunderstorm activities were observed in March.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: APRIL

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

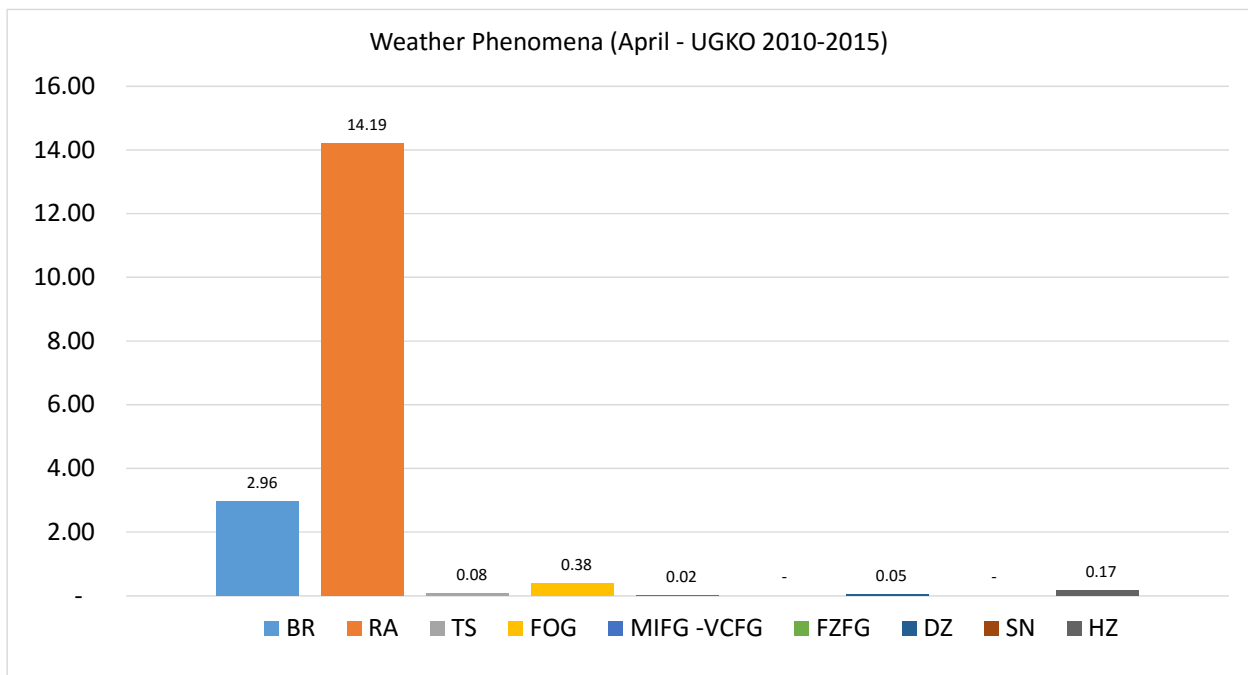
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	5.41	17.57	-	0.68	-	-	-	-	0.68
0030	3.37	13.48	-	1.12	-	-	-	-	3.37
0100	5.00	16.11	-	0.56	-	-	0.56	-	0.56
0130	6.67	20.00	-	1.11	-	-	-	-	-
0200	10.19	15.29	-	1.91	-	-	-	-	-
0230	5.56	17.78	-	1.11	1.11	-	-	-	-
0300	13.71	16.00	-	3.43	-	-	-	-	-
0330	5.68	14.77	-	1.14	-	-	-	-	-
0400	10.67	17.42	-	2.81	-	-	-	-	-
0430	2.22	16.67	-	1.11	-	-	-	-	-
0500	8.43	16.85	-	1.69	-	-	-	-	-
0530	2.17	14.13	-	-	-	-	-	-	-
0600	4.49	14.04	-	-	-	-	-	-	-
0630	-	10.47	-	-	-	-	-	-	-
0700	2.27	10.80	-	-	-	-	-	-	-
0730	-	10.00	-	-	-	-	-	-	-
0800	1.14	10.80	-	-	-	-	-	-	-
0830	-	7.78	-	-	-	-	-	-	-
0900	2.26	11.30	-	-	-	-	-	-	-
0930	-	8.99	-	-	-	-	-	-	-
1000	1.68	8.38	-	-	-	-	-	-	-
1030	1.11	5.56	-	-	-	-	-	-	-
1100	1.15	7.47	-	-	-	-	-	-	-
1130	1.12	10.11	-	-	-	-	-	-	-
1200	0.58	10.40	-	-	-	-	-	-	-
1230	-	8.89	-	-	-	-	-	-	-
1300	1.13	10.17	-	-	-	-	-	-	-
1330	-	11.11	-	-	-	-	-	-	-
1400	1.74	12.79	-	-	-	-	-	-	-
1430	1.08	11.83	1.08	-	-	-	-	-	-
1500	2.30	9.77	1.15	-	-	-	-	-	-
1530	-	15.56	-	-	-	-	-	-	1.11
1600	2.27	17.05	0.57	-	-	-	-	-	-
1630	-	16.67	1.11	-	-	-	-	-	-
1700	1.81	19.88	-	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.10	25.27	-	-	-	-	-	-	-
1800	1.84	20.25	-	-	-	-	-	-	-
1830	1.11	20.00	-	-	-	-	-	-	-
1900	2.30	19.54	-	-	-	-	-	-	-
1930	1.09	19.57	-	-	-	-	-	-	-
2000	3.97	17.88	-	-	-	-	-	-	-
2030	3.37	16.85	-	-	-	-	-	-	-
2100	4.00	12.00	-	-	-	-	-	-	-
2130	2.25	17.98	-	-	-	-	-	-	-
2200	1.80	17.96	-	-	-	-	-	-	-
2230	5.43	10.87	-	-	-	-	-	-	-
2300	5.41	14.86	-	0.68	-	-	0.68	-	-
2330	3.37	12.36	-	1.12	-	-	1.12	-	2.25
Mean	2.96	14.19	0.08	0.38	0.02	-	0.05	-	0.17



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in April are: rain – 14.19%, mist – 2.96%, fog – 0.38%.

The activity of thunderstorms in April constitutes 0.08%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: MAY

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

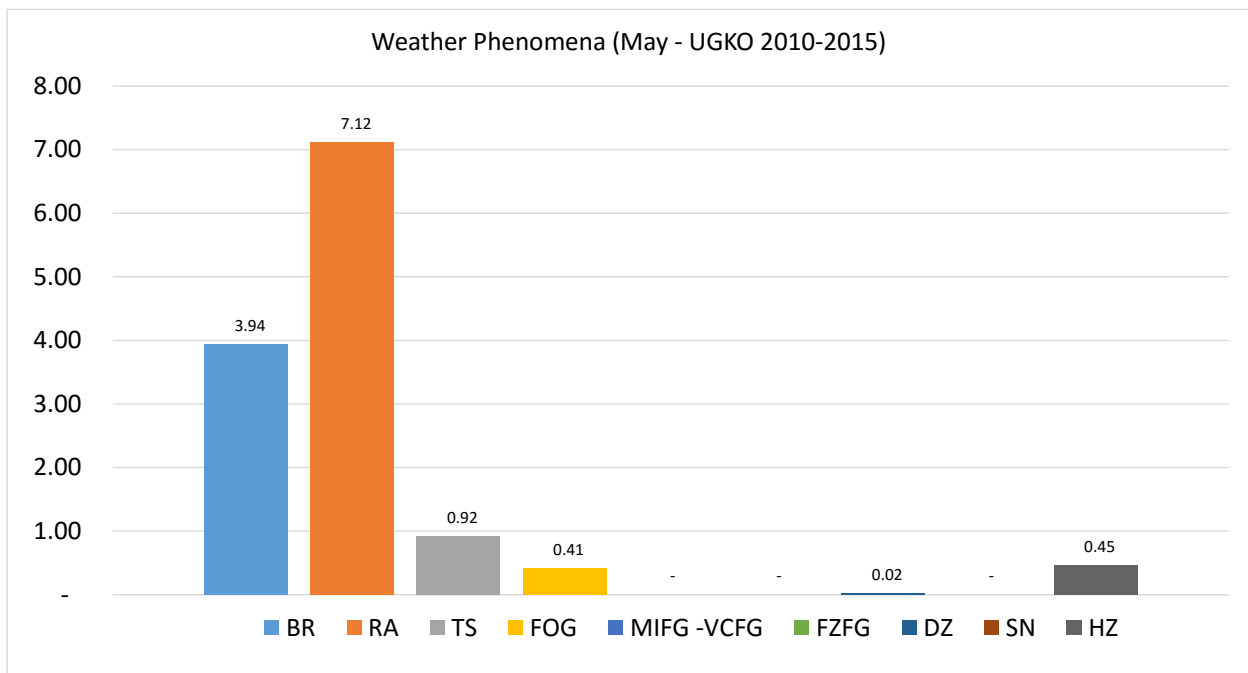
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	7.95	9.93	-	1.32	-	-	-	-	1.99
0030	9.57	5.32	-	3.19	-	-	-	-	2.13
0100	7.26	6.70	-	1.68	-	-	-	-	3.35
0130	14.13	10.87	-	1.09	-	-	1.09	-	2.17
0200	20.69	10.92	-	2.87	-	-	-	-	1.15
0230	11.70	8.51	-	4.26	-	-	-	-	1.06
0300	20.44	8.84	1.10	2.21	-	-	-	-	0.55
0330	9.78	9.78	2.17	-	-	-	-	-	-
0400	12.97	7.03	0.54	1.08	-	-	-	-	-
0430	6.25	8.33	-	1.04	-	-	-	-	-
0500	8.65	10.27	1.08	-	-	-	-	-	-
0530	3.37	7.87	1.12	-	-	-	-	-	-
0600	4.37	6.01	0.55	-	-	-	-	-	-
0630	2.13	4.26	1.06	-	-	-	-	-	-
0700	2.16	7.57	0.54	-	-	-	-	-	-
0730	2.13	5.32	-	-	-	-	-	-	-
0800	1.09	5.43	-	-	-	-	-	-	-
0830	1.05	5.26	-	-	-	-	-	-	-
0900	1.61	6.45	0.54	-	-	-	-	-	-
0930	1.10	5.49	-	-	-	-	-	-	-
1000	0.54	4.35	0.54	-	-	-	-	-	-
1030	-	6.52	1.09	-	-	-	-	-	1.09
1100	1.10	6.59	0.55	-	-	-	-	-	-
1130	-	6.45	2.15	-	-	-	-	-	-
1200	1.10	8.79	1.10	-	-	-	-	-	-
1230	-	10.75	2.15	-	-	-	-	-	-
1300	0.54	8.11	0.54	-	-	-	-	-	-
1330	-	9.68	3.23	-	-	-	-	-	-
1400	1.17	7.02	1.75	-	-	-	-	-	-
1430	-	5.38	-	-	-	-	-	-	-
1500	0.56	7.30	1.12	-	-	-	-	-	-
1530	-	13.04	2.17	-	-	-	-	-	-
1600	1.09	11.96	2.72	-	-	-	-	-	-
1630	2.11	8.42	1.05	-	-	-	-	-	-
1700	1.74	9.88	2.91	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.09	3.26	-	-	-	-	-	-	-
1800	0.61	10.91	4.85	-	-	-	-	-	-
1830	2.15	5.38	2.15	-	-	-	-	-	1.08
1900	1.68	7.82	1.68	-	-	-	-	-	-
1930	-	5.26	-	-	-	-	-	-	-
2000	1.30	5.84	1.30	-	-	-	-	-	-
2030	1.08	2.15	-	-	-	-	-	-	1.08
2100	1.94	7.74	1.94	-	-	-	-	-	0.65
2130	1.06	3.19	-	-	-	-	-	-	1.06
2200	2.81	4.49	0.56	-	-	-	-	-	0.56
2230	3.26	2.17	-	-	-	-	-	-	1.09
2300	5.16	5.81	-	-	-	-	-	-	0.65
2330	8.60	3.23	-	1.08	-	-	-	-	2.15
Mean	3.94	7.12	0.92	0.41	-	-	0.02	-	0.45



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in May are: rain – 7.12%, mist – 3.94%, haze – 0.45%.

The activity of thunderstorms in May constitutes 0.92%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: JUNE

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

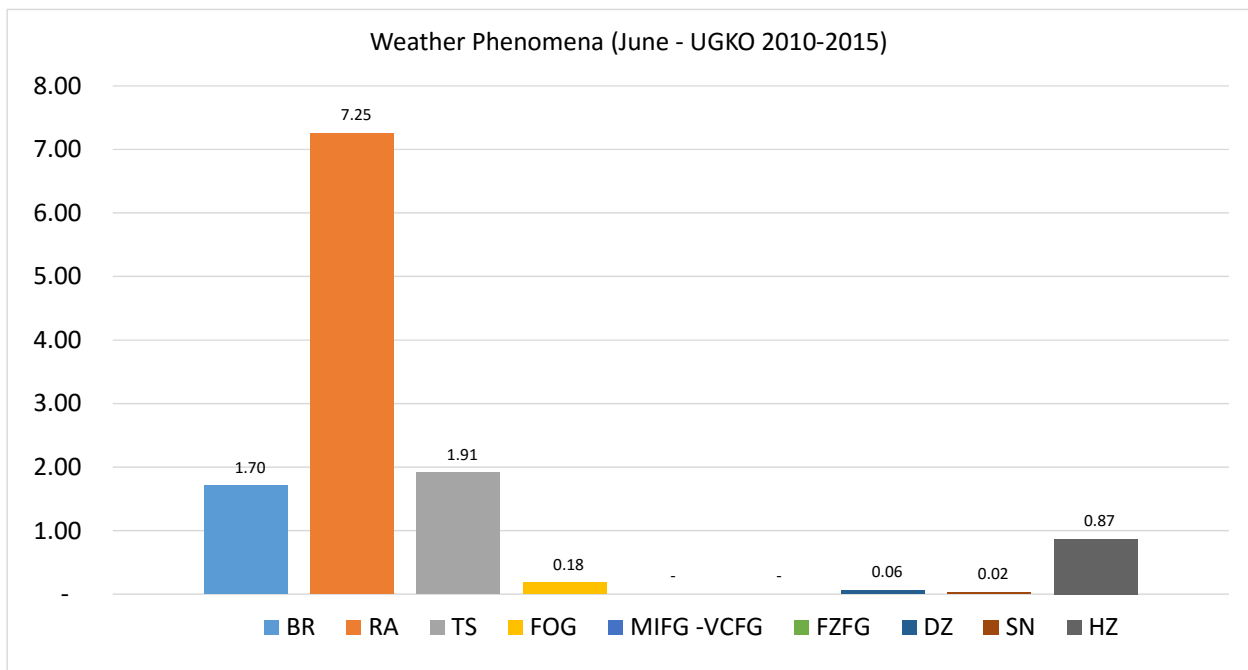
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.65	8.61	1.99	1.32	-	-	0.66	-	3.97
0030	3.23	7.53	2.15	2.15	-	-	-	-	5.38
0100	5.08	9.04	1.69	1.13	-	-	-	-	2.82
0130	14.29	6.59	1.10	1.10	-	-	-	-	7.69
0200	9.52	8.33	-	1.19	-	-	-	-	1.79
0230	8.60	6.45	-	-	-	-	1.08	-	3.23
0300	5.56	6.67	0.56	1.11	-	-	-	-	-
0330	5.49	6.59	-	-	-	-	-	-	-
0400	3.35	6.15	-	0.56	-	-	-	-	0.56
0430	-	3.33	-	-	-	-	-	-	-
0500	1.10	2.76	-	-	-	-	-	-	-
0530	-	6.74	-	-	-	-	-	-	-
0600	-	5.06	-	-	-	-	-	-	-
0630	-	3.26	-	-	-	-	-	-	-
0700	-	3.28	-	-	-	-	-	-	-
0730	-	2.22	1.11	-	-	-	-	-	-
0800	-	5.08	1.69	-	-	-	-	-	-
0830	-	4.35	1.09	-	-	-	-	-	-
0900	-	4.60	2.30	-	-	-	-	-	-
0930	-	3.26	2.17	-	-	-	-	-	-
1000	-	3.37	2.25	-	-	-	-	-	-
1030	-	3.19	2.13	-	-	-	-	-	-
1100	-	3.49	2.91	-	-	-	-	-	-
1130	-	4.35	2.17	-	-	-	-	-	-
1200	-	4.05	4.05	-	-	-	-	-	-
1230	-	3.33	-	-	-	-	-	-	-
1300	-	6.15	4.47	-	-	-	-	-	-
1330	-	6.52	1.09	-	-	-	-	-	-
1400	0.57	5.17	5.17	-	-	-	-	-	-
1430	-	9.89	2.20	-	-	-	-	-	-
1500	-	8.43	6.74	-	-	-	-	-	-
1530	1.11	8.89	1.11	-	-	-	-	-	-
1600	0.56	10.61	5.59	-	-	-	-	-	-
1630	1.10	12.09	-	-	-	-	-	-	-
1700	-	13.02	5.92	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	8.89	2.22	-	-	-	-	1.11	-
1800	-	10.84	6.02	-	-	-	-	-	-
1830	1.10	10.99	2.20	-	-	-	-	-	-
1900	-	14.37	5.75	-	-	-	0.57	-	-
1930	-	14.29	1.10	-	-	-	-	-	-
2000	1.30	12.99	1.30	-	-	-	-	-	-
2030	3.26	13.04	2.17	-	-	-	-	-	2.17
2100	1.32	10.60	1.32	-	-	-	0.66	-	1.32
2130	4.40	9.89	1.10	-	-	-	-	-	2.20
2200	1.12	8.99	3.37	-	-	-	-	-	1.69
2230	2.20	6.59	1.10	-	-	-	-	-	3.30
2300	2.65	8.61	1.32	-	-	-	-	-	-
2330	2.20	5.49	1.10	-	-	-	-	-	5.49
Mean	1.70	7.25	1.91	0.18	-	-	0.06	0.02	0.87



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in June are: rain – 7.25%, mist – 1.70%, haze – 0.87%.

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: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

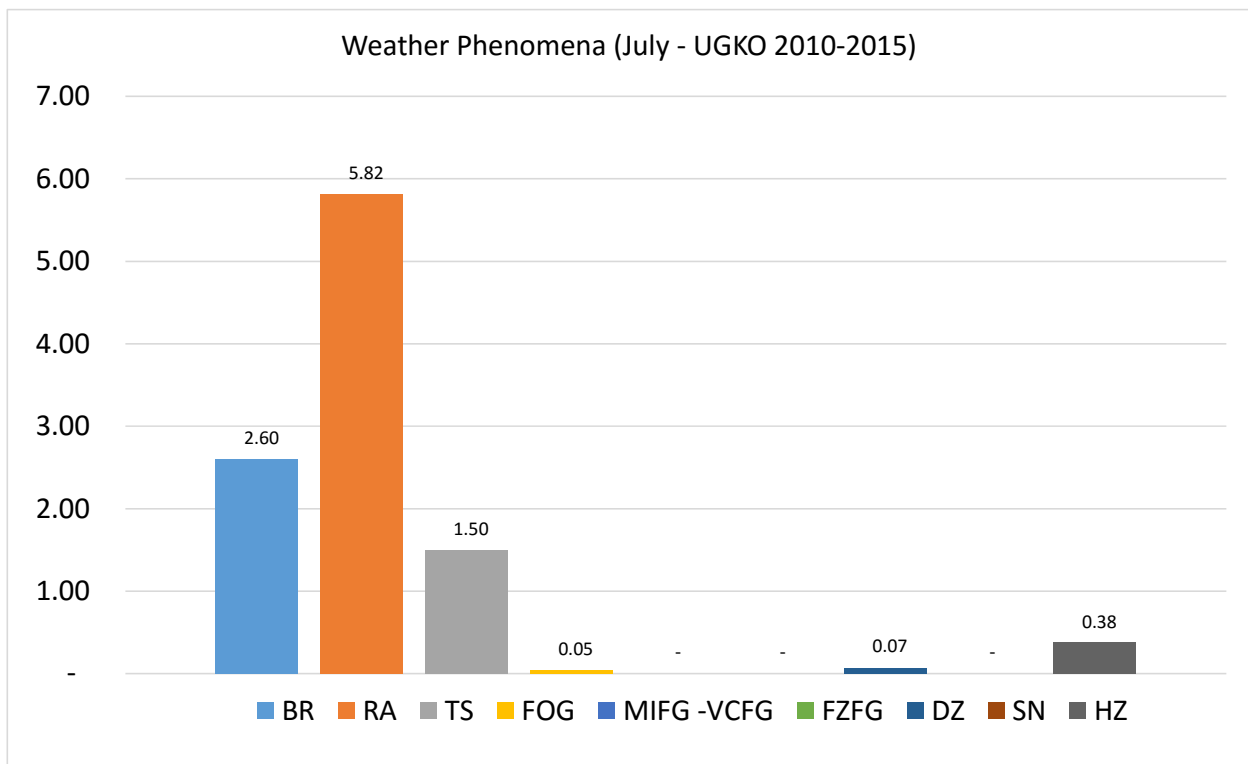
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	6.49	5.19	1.95	-	-	-	0.65	-	2.60
0030	11.70	7.45	1.06	-	-	-	-	-	-
0100	5.49	6.59	2.20	-	-	-	-	-	0.55
0130	12.77	11.70	1.06	-	-	-	-	-	6.38
0200	12.64	8.05	0.57	-	-	-	-	-	0.57
0230	11.83	7.53	1.08	1.08	-	-	1.08	-	-
0300	8.70	5.98	0.54	0.54	-	-	-	-	0.54
0330	5.32	8.51	-	-	-	-	-	-	-
0400	5.46	4.37	1.09	-	-	-	-	-	-
0430	2.15	9.68	-	-	-	-	-	-	-
0500	1.10	4.40	1.65	-	-	-	-	-	-
0530	-	6.52	1.09	-	-	-	-	-	-
0600	-	3.23	1.61	-	-	-	-	-	-
0630	-	5.49	-	-	-	-	-	-	-
0700	0.54	3.26	1.09	-	-	-	-	-	-
0730	1.06	4.26	-	-	-	-	-	-	-
0800	0.55	3.83	1.64	0.55	-	-	-	-	-
0830	1.08	3.23	-	-	-	-	-	-	-
0900	0.54	2.17	1.63	-	-	-	-	-	-
0930	1.08	5.38	-	-	-	-	-	-	-
1000	0.54	2.72	1.09	-	-	-	-	-	-
1030	1.09	4.35	-	-	-	-	-	-	-
1100	0.54	2.69	0.54	-	-	-	-	-	-
1130	-	5.38	-	-	-	-	-	-	-
1200	0.55	2.76	1.10	-	-	-	-	-	-
1230	-	3.30	-	-	-	-	-	-	-
1300	1.09	5.98	2.17	-	-	-	-	-	-
1330	-	4.26	-	-	-	-	-	-	-
1400	0.55	2.19	1.64	-	-	-	-	-	-
1430	1.08	4.30	1.08	-	-	-	-	-	-
1500	1.08	4.32	4.32	-	-	-	-	-	-
1530	1.08	6.45	1.08	-	-	-	-	-	-
1600	0.54	3.26	3.80	-	-	-	-	-	-
1630	1.09	6.52	1.09	-	-	-	-	-	-
1700	0.56	4.49	2.81	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	3.16	1.05	-	-	-	-	-	-
1800	0.56	5.59	5.03	-	-	-	-	-	-
1830	-	6.45	1.08	-	-	-	-	-	-
1900	1.09	8.74	4.92	-	-	-	-	-	-
1930	2.13	7.45	3.19	-	-	-	-	-	-
2000	2.56	8.97	3.85	-	-	-	0.64	-	-
2030	1.08	6.45	1.08	-	-	-	-	-	-
2100	1.94	10.32	4.52	-	-	-	-	-	1.29
2130	2.15	5.38	1.08	-	-	-	1.08	-	2.15
2200	2.21	9.94	3.31	-	-	-	-	-	1.10
2230	3.30	7.69	-	-	-	-	-	-	1.10
2300	3.90	8.44	2.60	-	-	-	-	-	0.65
2330	5.43	10.87	1.09	-	-	-	-	-	1.09
Mean	2.60	5.82	1.50	0.05	-	-	0.07	-	0.38



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in July are: rain – 5.82%, mist – 2.60%, haze – 0.38%.

The activity of thunderstorms in July constitutes 1.50%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: AUGUST

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

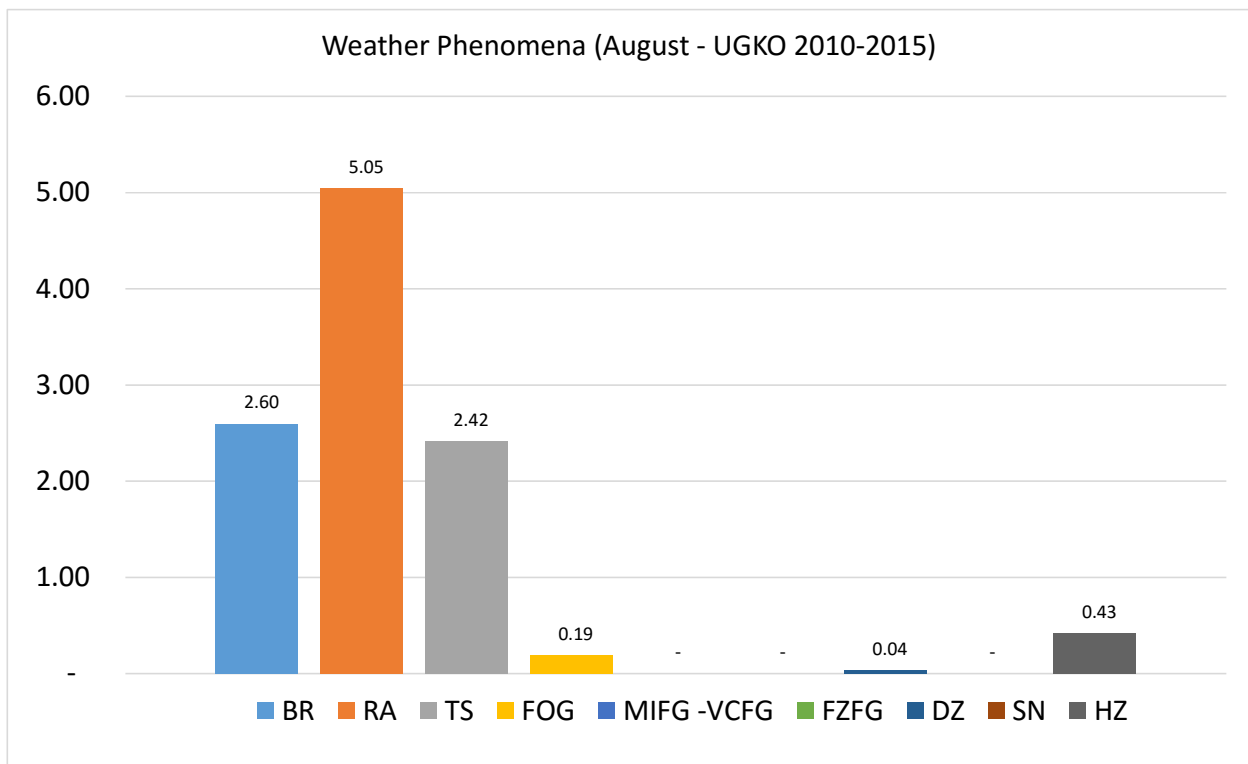
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.23	7.74	3.87	-	-	-	0.65	-	3.23
0030	5.49	9.89	3.30	-	-	-	-	-	-
0100	6.18	6.74	3.37	-	-	-	-	-	1.12
0130	10.87	6.52	2.17	-	-	-	-	-	3.26
0200	13.69	2.98	1.19	0.60	-	-	-	-	1.19
0230	17.39	2.17	2.17	1.09	-	-	-	-	2.17
0300	14.29	4.40	1.10	2.20	-	-	-	-	0.55
0330	11.96	3.26	-	3.26	-	-	-	-	1.09
0400	6.52	4.89	0.54	1.09	-	-	-	-	0.54
0430	4.30	7.53	-	-	-	-	-	-	-
0500	1.08	3.78	-	-	-	-	-	-	-
0530	-	6.38	2.13	-	-	-	-	-	-
0600	1.10	3.87	0.55	-	-	-	-	-	-
0630	1.09	1.09	-	-	-	-	-	-	-
0700	0.55	2.75	0.55	-	-	-	-	-	-
0730	-	3.26	-	-	-	-	-	-	-
0800	0.56	3.89	1.11	-	-	-	-	-	-
0830	1.08	3.23	2.15	-	-	-	-	-	-
0900	1.08	2.70	1.08	-	-	-	-	-	-
0930	1.10	2.20	2.20	-	-	-	-	-	-
1000	1.09	1.64	-	-	-	-	-	-	-
1030	1.06	3.19	-	-	-	-	-	-	-
1100	-	2.19	-	-	-	-	-	-	-
1130	-	1.09	-	-	-	-	-	-	-
1200	-	1.65	0.55	-	-	-	-	-	-
1230	-	3.30	1.10	-	-	-	-	-	-
1300	-	3.24	1.08	-	-	-	-	-	-
1330	-	3.30	1.10	-	-	-	-	-	-
1400	-	3.80	1.09	-	-	-	-	-	-
1430	-	4.35	-	-	-	-	-	-	-
1500	-	2.21	1.66	-	-	-	-	-	-
1530	-	4.21	1.05	-	-	-	-	-	-
1600	0.55	2.73	2.73	-	-	-	-	-	-
1630	-	3.19	1.06	-	-	-	-	-	-
1700	1.13	7.34	5.08	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	9.68	5.38	-	-	-	-	-	-
1800	0.57	10.86	10.29	-	-	-	-	-	-
1830	-	7.78	4.44	-	-	-	-	-	-
1900	0.56	7.82	11.17	-	-	-	-	-	-
1930	-	3.33	2.22	-	-	-	-	-	1.11
2000	0.65	9.68	8.39	-	-	-	-	-	-
2030	-	5.43	1.09	-	-	-	-	-	1.09
2100	1.31	8.50	5.88	-	-	-	-	-	-
2130	1.10	7.69	4.40	1.10	-	-	-	-	1.10
2200	2.23	8.94	3.91	-	-	-	-	-	1.12
2230	4.35	8.70	6.52	-	-	-	1.09	-	-
2300	5.26	8.55	3.95	-	-	-	-	-	0.66
2330	3.26	8.70	4.35	-	-	-	-	-	2.17
Mean	2.60	5.05	2.42	0.19	-	-	0.04	-	0.43



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in August are: rain – 5.05%, mist – 2.60%, haze – 0.43%.

The activity of thunderstorms in August constitutes 2.42%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: SEPTEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

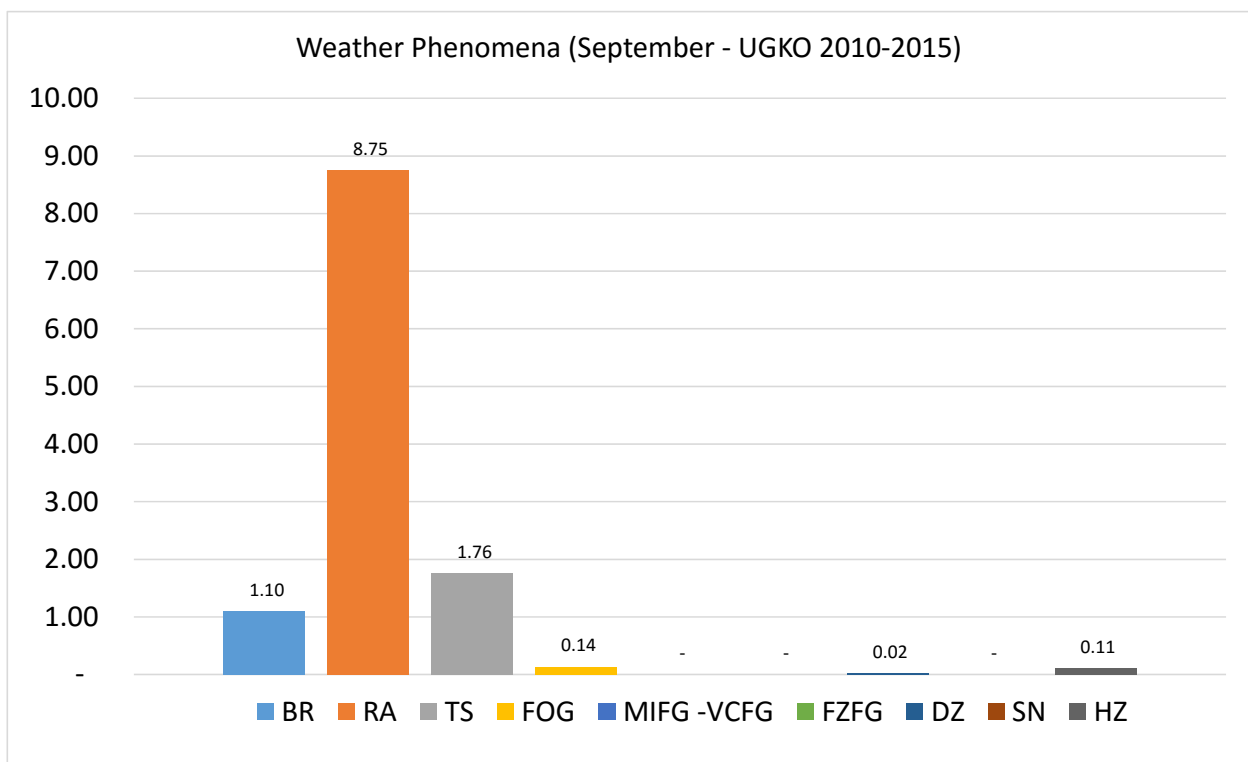
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	1.10	10.44	2.75	-	-	-	-	-	1.10
0030	3.37	8.99	1.12	-	-	-	-	-	1.12
0100	2.25	9.55	1.69	0.56	-	-	-	-	0.56
0130	3.37	13.48	1.12	-	-	-	-	-	-
0200	7.26	10.06	2.79	0.56	-	-	-	-	0.56
0230	8.79	12.09	2.20	1.10	-	-	-	-	-
0300	7.26	9.50	1.68	1.68	-	-	-	-	-
0330	5.49	12.09	2.20	1.10	-	-	-	-	-
0400	3.93	10.67	1.69	1.69	-	-	-	-	-
0430	3.33	10.00	1.11	-	-	-	-	-	-
0500	1.69	7.87	2.25	-	-	-	-	-	-
0530	-	10.00	-	-	-	-	-	-	-
0600	0.56	7.34	1.13	-	-	-	-	-	-
0630	-	6.59	-	-	-	-	-	-	-
0700	-	5.68	1.14	-	-	-	-	-	-
0730	-	6.82	-	-	-	-	-	-	-
0800	-	6.78	1.13	-	-	-	-	-	-
0830	-	8.79	-	-	-	-	-	-	-
0900	-	7.30	0.56	-	-	-	-	-	-
0930	-	4.35	-	-	-	-	-	-	-
1000	-	8.52	0.57	-	-	-	-	-	-
1030	-	6.74	-	-	-	-	-	-	-
1100	-	7.43	1.71	-	-	-	-	-	-
1130	-	5.68	1.14	-	-	-	-	-	-
1200	-	8.99	2.81	-	-	-	-	-	-
1230	-	2.25	-	-	-	-	-	-	-
1300	-	8.57	1.14	-	-	-	-	-	-
1330	-	10.11	1.12	-	-	-	-	-	-
1400	-	6.21	2.26	-	-	-	-	-	0.56
1430	-	6.90	1.15	-	-	-	-	-	-
1500	-	7.95	2.84	-	-	-	-	-	-
1530	-	10.34	1.15	-	-	-	-	-	-
1600	-	10.17	2.82	-	-	-	-	-	-
1630	-	9.41	2.35	-	-	-	-	-	-
1700	-	7.95	2.84	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	11.24	3.37	-	-	-	-	-	-
1800	-	10.11	3.37	-	-	-	-	-	-
1830	-	8.99	4.49	-	-	-	-	-	-
1900	-	9.60	4.52	-	-	-	-	-	-
1930	-	7.87	1.12	-	-	-	-	-	-
2000	-	8.99	2.25	-	-	-	-	-	-
2030	-	9.09	2.27	-	-	-	1.14	-	1.14
2100	-	10.92	2.87	-	-	-	-	-	-
2130	-	7.87	2.25	-	-	-	-	-	-
2200	-	5.71	1.71	-	-	-	-	-	-
2230	1.10	12.09	3.30	-	-	-	-	-	-
2300	1.15	8.62	2.30	-	-	-	-	-	-
2330	2.22	13.33	2.22	-	-	-	-	-	-
Mean	1.10	8.75	1.76	0.14	-	-	0.02	-	0.11



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in September are: rain – 8.75%, mist – 1.10%, fog – 0.14%.

The activity of thunderstorms in September constitutes 1.76%.

**AERONAUTICAL CLIMATOLOGY**

**AERODROME CLIMATOLOGICAL SUMMARY  
TABULAR FORM**

**MODEL H**

AERODROME: UGKO

MONTH: OCTOBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

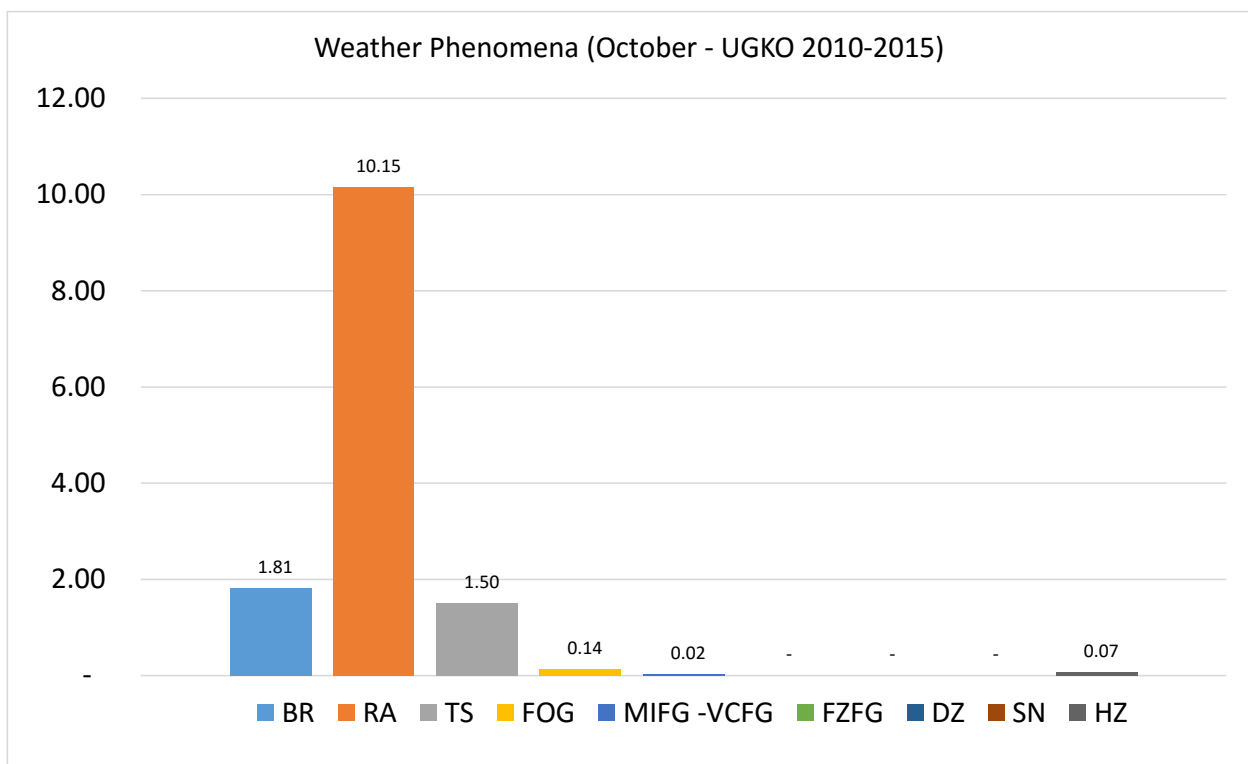
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	3.14	11.32	1.26	1.26	-	-	-	-	1.26
0030	3.33	13.33	1.67	-	-	-	-	-	1.67
0100	3.85	17.58	2.20	1.10	-	-	-	-	-
0130	9.68	11.29	1.61	-	-	-	-	-	-
0200	8.05	18.39	2.87	-	-	-	-	-	-
0230	7.94	12.70	4.76	-	-	-	-	-	-
0300	5.43	16.85	1.63	-	-	-	-	-	-
0330	3.28	11.48	1.64	-	-	-	-	-	-
0400	5.46	16.39	1.09	-	1.09	-	-	-	-
0430	3.13	9.38	1.56	-	-	-	-	-	-
0500	1.63	13.04	0.54	1.63	-	-	-	-	-
0530	-	5.63	-	-	-	-	-	-	-
0600	2.19	12.02	0.55	0.55	-	-	-	-	-
0630	1.39	5.56	-	-	-	-	-	-	-
0700	1.63	11.41	0.54	-	-	-	-	-	-
0730	-	6.45	-	-	-	-	-	-	-
0800	1.64	12.57	-	-	-	-	-	-	-
0830	-	8.20	-	-	-	-	-	-	-
0900	1.09	8.70	-	-	-	-	-	-	-
0930	-	6.45	-	-	-	-	-	-	-
1000	1.09	6.52	-	-	-	-	-	-	-
1030	-	3.23	-	-	-	-	-	-	-
1100	-	7.03	0.54	-	-	-	-	-	-
1130	-	3.39	-	-	-	-	-	-	-
1200	-	8.70	-	-	-	-	-	-	-
1230	-	6.25	1.56	-	-	-	-	-	-
1300	-	8.29	-	-	-	-	-	-	-
1330	-	8.20	1.64	-	-	-	-	-	-
1400	-	3.85	0.55	-	-	-	-	-	-
1430	-	6.67	3.33	-	-	-	-	-	-
1500	0.55	7.65	0.55	-	-	-	-	-	-
1530	-	12.50	6.25	-	-	-	-	-	-
1600	1.65	10.99	2.20	-	-	-	-	-	-
1630	-	9.52	3.17	-	-	-	-	-	-
1700	1.63	9.78	3.26	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	14.29	3.17	-	-	-	-	-	-
1800	2.17	8.70	2.72	-	-	-	-	-	-
1830	-	8.20	4.92	-	-	-	-	-	-
1900	2.17	10.33	2.17	-	-	-	-	-	-
1930	-	6.56	1.64	-	-	-	-	-	-
2000	4.79	12.57	1.20	-	-	-	-	-	0.60
2030	-	14.75	1.64	-	-	-	-	-	-
2100	4.88	9.76	1.22	-	-	-	-	-	-
2130	-	8.20	3.28	-	-	-	-	-	-
2200	1.66	10.50	-	1.10	-	-	-	-	-
2230	-	10.00	-	-	-	-	-	-	-
2300	1.84	14.11	1.84	1.23	-	-	-	-	-
2330	1.64	18.03	3.28	-	-	-	-	-	-
Mean	1.81	10.15	1.50	0.14	0.02	-	-	-	0.07



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in October are: rain – 10.15%, mist – 1.81%, fog – 0.14%.

The activity of thunderstorms in October constitutes 1.50%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: NOVEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6480

OBSERVATION INTERVAL: 30 MIN.

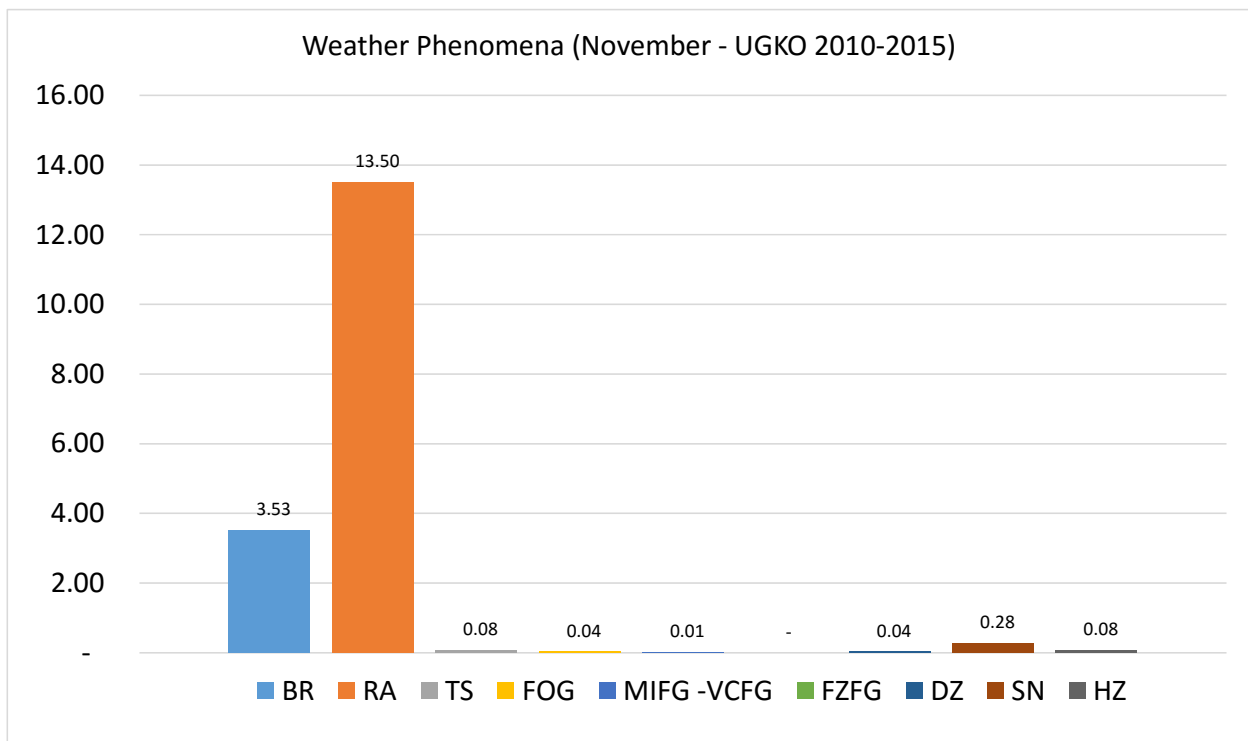
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.55	15.91	-	1.14	-	-	-	0.57	-
0030	6.74	15.73	-	-	-	-	-	-	-
0100	6.11	14.44	-	-	-	-	-	0.56	-
0130	5.43	16.30	-	-	-	-	-	-	-
0200	5.65	16.95	-	-	-	-	-	0.56	-
0230	8.79	16.48	-	-	-	-	-	-	1.10
0300	8.47	16.38	-	-	-	-	-	0.56	-
0330	6.59	16.48	-	-	-	-	-	-	1.10
0400	6.15	17.88	-	-	0.56	-	0.56	1.12	-
0430	9.89	15.38	-	-	-	-	-	-	-
0500	5.00	15.56	-	-	-	-	-	-	-
0530	2.22	15.56	-	-	-	-	-	-	-
0600	4.42	12.71	-	-	-	-	-	-	-
0630	1.10	13.19	-	-	-	-	-	-	-
0700	1.67	14.44	-	-	-	-	-	1.11	-
0730	-	13.19	-	-	-	-	-	-	-
0800	1.65	13.74	-	-	-	-	-	0.55	-
0830	1.08	16.13	-	-	-	-	-	-	-
0900	1.68	10.61	0.56	-	-	-	-	0.56	-
0930	-	11.70	-	-	-	-	-	-	-
1000	1.10	10.50	0.55	-	-	-	-	0.55	-
1030	-	10.87	-	-	-	-	-	-	-
1100	1.12	8.94	-	-	-	-	-	0.56	-
1130	-	11.83	-	-	-	-	-	-	-
1200	0.56	9.44	0.56	-	-	-	-	0.56	-
1230	-	12.36	-	-	-	-	-	-	-
1300	1.11	10.00	0.56	-	-	-	-	0.56	-
1330	-	17.39	-	-	-	-	-	-	-
1400	1.12	12.29	-	-	-	-	-	0.56	-
1430	1.09	15.22	-	-	-	-	-	-	-
1500	1.67	13.33	-	-	-	-	-	0.56	-
1530	1.06	11.70	-	-	-	-	-	-	-
1600	2.23	11.17	0.56	-	-	-	-	0.56	-
1630	2.97	12.87	0.99	-	-	-	-	-	-
1700	3.31	16.02	-	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	4.04	16.16	-	-	-	-	-	-	-
1800	4.44	17.22	-	-	-	-	-	-	-
1830	4.40	9.89	-	-	-	-	-	-	-
1900	4.47	14.53	-	0.56	-	-	-	-	0.56
1930	3.33	7.78	-	-	-	-	-	-	-
2000	5.03	11.73	-	-	-	-	-	1.12	0.56
2030	4.55	12.50	-	-	-	-	-	-	-
2100	6.11	12.22	-	-	-	-	-	1.11	-
2130	5.62	12.36	-	-	-	-	1.12	-	-
2200	7.30	10.11	-	-	-	-	-	1.12	-
2230	4.44	14.44	-	-	-	-	-	-	-
2300	6.74	12.36	-	-	-	-	-	0.56	0.56
2330	4.35	14.13	-	-	-	-	-	-	-
Mean	3.53	13.50	0.08	0.04	0.01	-	0.04	0.28	0.08



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in November are: rain – 13.50%, mist – 3.53%, snow – 0.28%.

The activity of thunderstorms in November constitutes 0.08%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

MONTH: DECEMBER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 6696

OBSERVATION INTERVAL: 30 MIN.

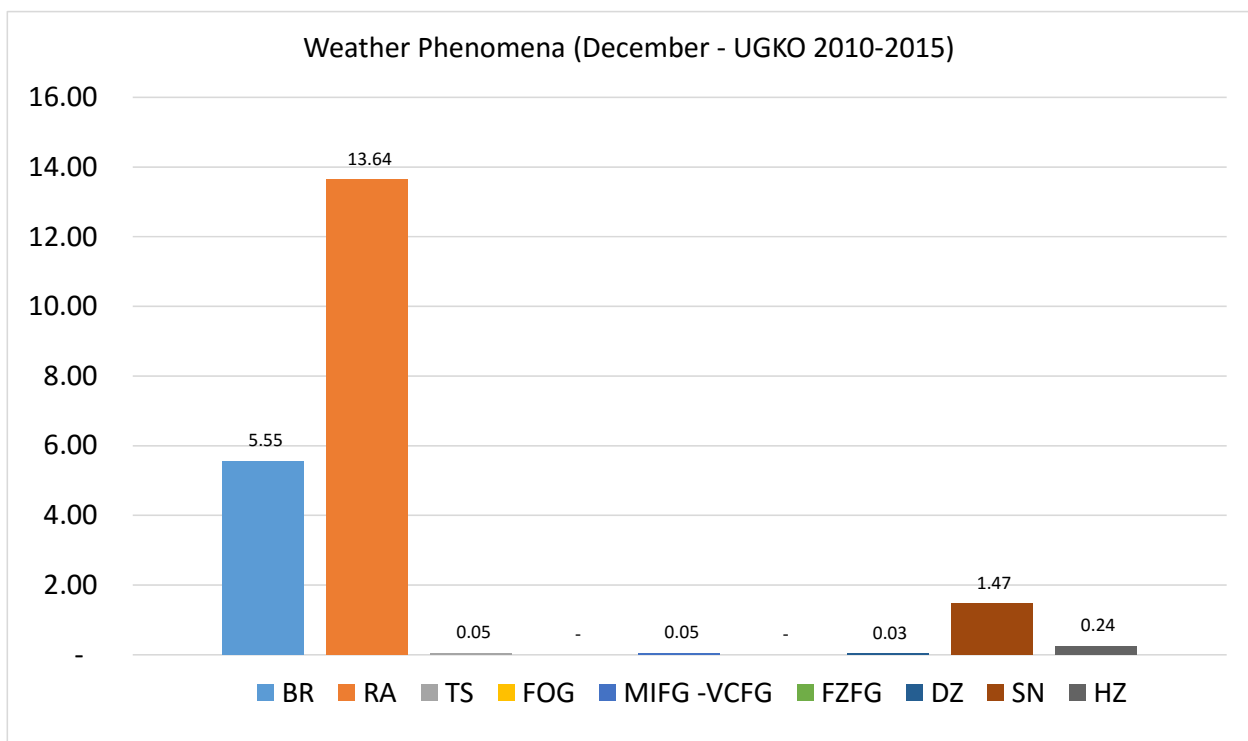
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	7.14	11.54	0.55	-	-	-	-	1.65	-
0030	10.34	14.94	-	-	-	-	-	1.15	-
0100	7.10	13.66	-	-	-	-	-	1.09	-
0130	9.20	13.79	-	-	-	-	-	1.15	1.15
0200	6.67	14.44	-	-	-	-	-	1.11	-
0230	9.30	16.28	-	-	-	-	-	2.33	1.16
0300	4.95	13.19	-	-	-	-	-	0.55	-
0330	5.68	14.77	-	-	-	-	1.14	-	-
0400	7.18	13.26	-	-	-	-	-	0.55	-
0430	4.65	18.60	-	-	-	-	-	-	-
0500	4.86	12.43	-	-	-	-	0.54	1.08	0.54
0530	2.25	20.22	-	-	-	-	-	1.12	-
0600	3.83	12.02	-	-	-	-	-	-	-
0630	4.60	17.24	-	-	-	-	-	-	-
0700	2.76	13.81	-	-	-	-	-	0.55	-
0730	3.33	14.44	-	-	-	-	-	1.11	-
0800	3.30	10.99	-	-	-	-	-	0.55	-
0830	3.49	15.12	-	-	-	-	-	1.16	-
0900	2.70	9.19	-	-	-	-	-	0.54	0.54
0930	2.27	17.05	-	-	-	-	-	1.14	-
1000	2.73	10.93	-	-	-	-	-	0.55	-
1030	2.44	12.20	-	-	-	-	-	1.22	-
1100	2.20	12.64	-	-	-	-	-	1.10	-
1130	3.61	15.66	-	-	-	-	-	1.20	-
1200	1.66	13.81	-	-	-	-	-	1.66	-
1230	1.19	15.48	-	-	-	-	-	2.38	-
1300	2.26	15.25	-	-	-	-	-	0.56	-
1330	-	18.52	-	-	-	-	-	-	-
1400	1.71	16.00	-	-	-	-	-	-	-
1430	4.94	13.58	-	-	-	-	-	3.70	-
1500	4.52	11.86	-	-	-	-	-	1.13	-
1530	7.32	10.98	-	-	-	-	-	3.66	-
1600	6.29	9.71	-	-	-	-	-	0.57	-
1630	8.05	11.49	-	-	-	-	-	4.60	-
1700	6.08	14.36	-	-	0.55	-	-	2.21	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	4.71	14.12	-	-	1.18	-	-	4.71	-
1800	7.82	12.85	-	-	0.56	-	-	2.23	0.56
1830	10.11	13.48	-	-	-	-	-	3.37	-
1900	6.15	12.85	-	-	-	-	-	1.68	0.56
1930	10.84	13.25	-	-	-	-	-	2.41	-
2000	6.21	10.73	1.13	-	-	-	-	0.56	-
2030	7.41	12.35	-	-	-	-	-	2.47	3.70
2100	5.59	13.41	-	-	-	-	-	1.12	0.56
2130	12.20	12.20	-	-	-	-	-	2.44	-
2200	7.78	10.00	0.56	-	-	-	-	1.67	-
2230	10.34	13.79	-	-	-	-	-	2.30	1.15
2300	7.34	9.60	-	-	-	-	-	0.56	0.56
2330	9.41	16.47	-	-	-	-	-	3.53	1.18
Mean	5.55	13.64	0.05	-	0.05	-	0.03	1.47	0.24



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in December are: rain – 13.64%, mist – 5.55%, snow – 1.47%.

The activity of thunderstorms in December constitutes 0.05%.



## WEATHER PHENOMENA PER SEASON

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

SEASON: WINTER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19464

OBSERVATION INTERVAL: 30 MIN.

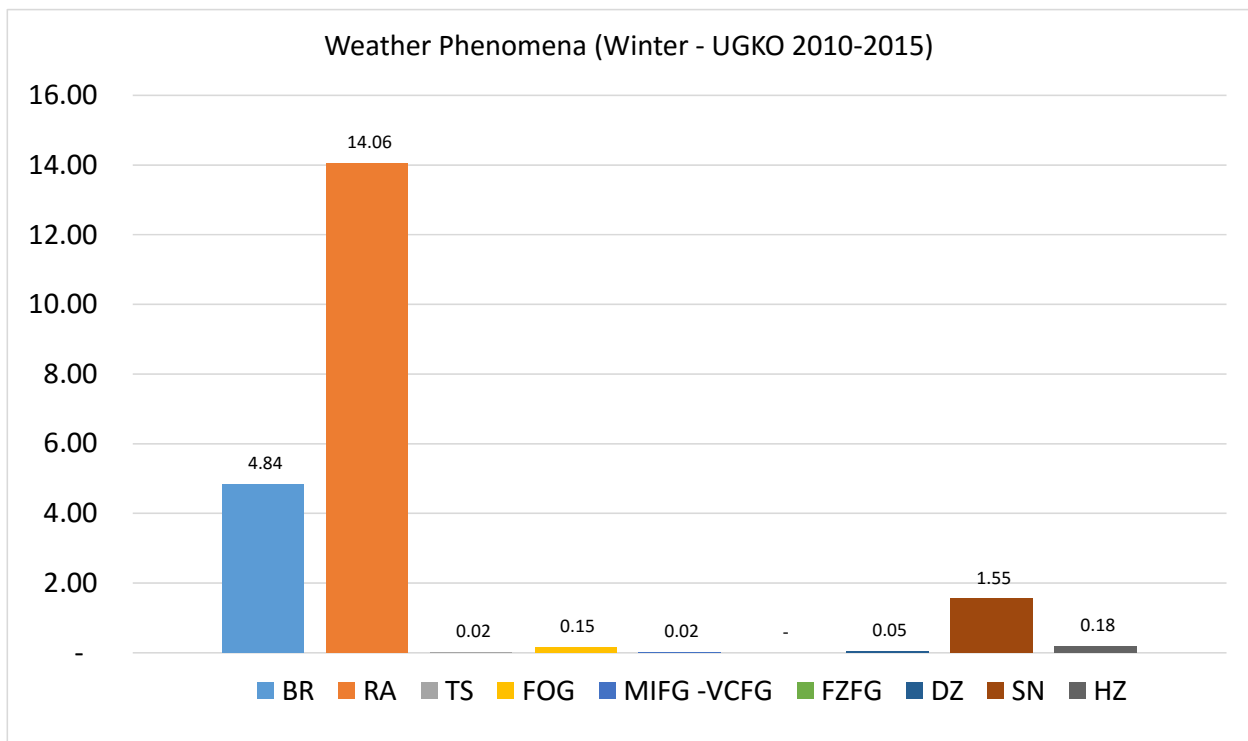
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	6.70	14.04	0.22	0.22	-	-	-	3.02	0.22
0030	6.69	13.78	-	0.39	-	-	0.39	0.39	0.39
0100	6.87	15.84	-	0.19	-	-	-	2.48	0.19
0130	6.72	14.23	-	0.40	-	-	-	0.79	0.40
0200	8.11	15.38	-	0.21	-	-	0.21	2.08	0.21
0230	5.56	13.49	-	0.40	-	-	-	1.19	0.79
0300	7.56	15.89	-	0.19	-	-	-	1.74	0.58
0330	5.41	14.67	-	0.39	-	-	0.39	-	-
0400	8.02	16.03	-	0.19	-	-	-	2.10	-
0430	4.33	14.57	-	0.39	-	-	-	0.79	-
0500	7.01	14.96	-	0.19	-	-	0.19	2.65	0.19
0530	3.89	17.90	-	-	-	-	-	0.78	-
0600	6.59	14.31	-	-	-	-	-	2.64	-
0630	2.76	16.14	-	-	-	-	-	0.79	-
0700	5.71	14.86	-	-	-	-	-	2.10	-
0730	1.56	14.06	-	-	-	-	-	0.39	-
0800	4.55	13.09	-	-	-	-	-	2.09	-
0830	1.56	14.01	-	-	-	-	-	0.78	-
0900	3.98	11.74	-	-	-	-	-	2.27	0.19
0930	1.55	13.57	-	-	-	-	-	0.78	-
1000	4.19	13.33	-	-	-	-	-	1.90	-
1030	2.00	12.40	-	-	-	-	-	0.40	-
1100	3.45	14.59	-	-	-	-	-	2.11	-
1130	2.36	12.99	-	-	-	-	-	0.39	-
1200	3.09	13.93	-	-	-	-	-	2.71	0.19
1230	0.79	14.62	-	-	-	-	-	1.19	-
1300	2.50	15.58	-	-	-	-	-	1.35	-
1330	0.80	16.00	-	-	-	-	-	-	-
1400	2.78	14.31	-	-	-	-	-	1.39	-
1430	2.41	12.05	-	-	-	-	-	1.20	-
1500	4.17	13.69	-	-	-	-	-	1.79	-
1530	4.78	12.75	-	-	-	-	-	1.20	-
1600	5.23	13.76	-	-	-	-	-	1.74	-
1630	5.10	13.33	-	-	-	-	-	1.57	-
1700	5.98	14.85	-	-	0.21	-	-	2.47	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	3.56	13.04	-	0.40	0.40	-	-	1.98	-
1800	6.82	13.84	-	0.21	0.21	-	-	2.69	0.21
1830	5.79	14.67	-	0.39	-	-	-	1.16	-
1900	5.26	12.87	0.19	0.39	-	-	-	2.53	0.19
1930	6.02	12.45	-	0.40	-	-	-	0.80	-
2000	5.81	12.47	0.43	0.22	-	-	0.22	2.80	-
2030	4.44	12.90	-	0.40	-	-	0.40	0.81	2.02
2100	5.69	14.44	-	0.22	-	-	0.22	2.19	0.22
2130	7.63	14.06	-	0.40	-	-	-	1.20	-
2200	6.89	14.82	0.21	0.21	-	-	-	2.51	0.42
2230	6.40	12.00	-	0.40	-	-	-	0.80	0.40
2300	6.71	13.64	-	0.22	-	-	-	2.16	0.43
2330	6.35	12.70	-	0.40	-	-	0.40	1.59	1.59
Mean	4.84	14.06	0.02	0.15	0.02	-	0.05	1.55	0.18



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in winter are: rain – 14.06%, mist – 4.84%, snow – 1.55%.

The activity of thunderstorms in winter constitutes 0.02%.



## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

SEASON: SPRING

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19872

OBSERVATION INTERVAL: 30 MIN.

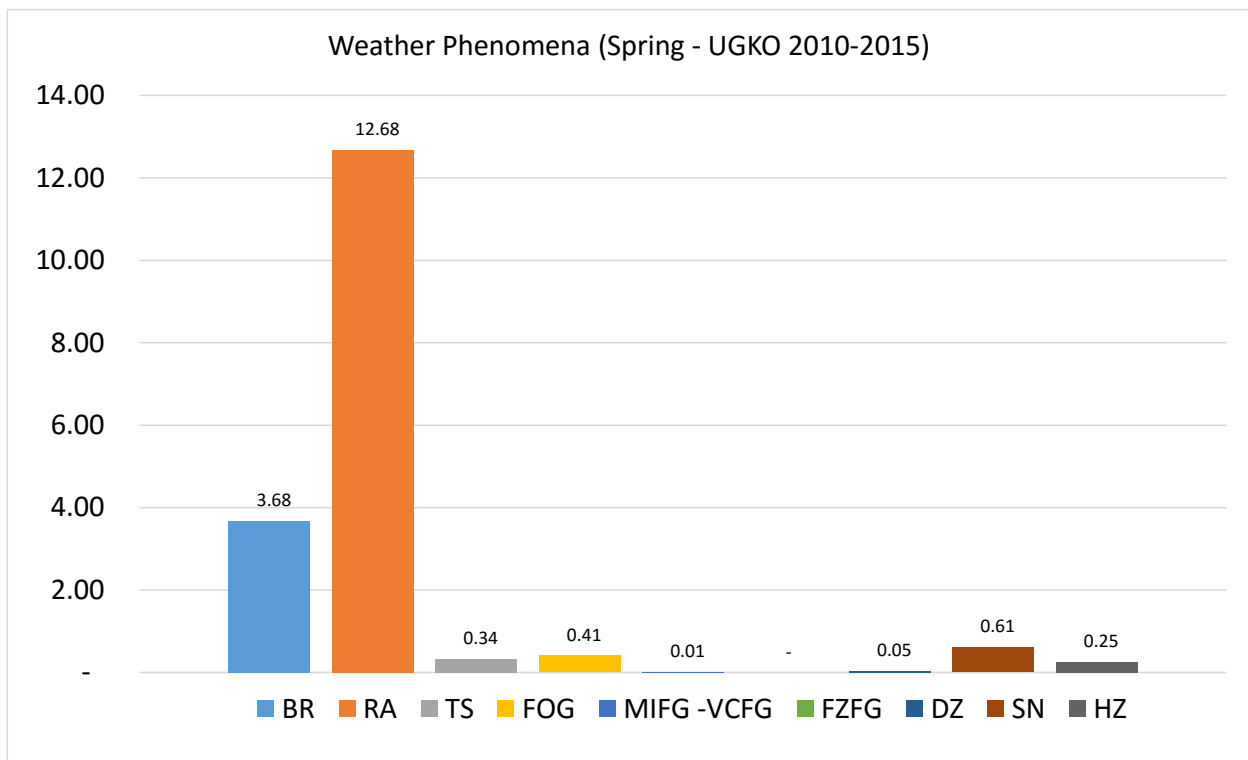
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	7.78	16.44	-	1.11	-	-	-	1.56	0.89
0030	5.05	10.47	-	2.17	-	-	-	-	1.81
0100	7.00	14.36	-	1.29	-	-	0.18	1.84	1.47
0130	8.36	14.91	-	1.09	-	-	0.36	-	1.09
0200	13.60	15.60	-	2.00	-	-	-	1.00	0.60
0230	7.25	11.96	-	2.17	0.36	-	-	-	0.36
0300	14.79	14.42	0.37	2.40	-	-	-	1.11	0.18
0330	8.00	13.45	0.73	0.36	-	-	-	0.73	-
0400	11.52	15.36	0.18	1.46	-	-	-	1.10	-
0430	5.00	15.00	-	0.71	-	-	-	0.71	-
0500	9.84	16.58	0.36	0.73	-	-	-	1.46	-
0530	2.93	12.82	0.37	-	-	-	0.37	-	-
0600	6.06	13.58	0.18	-	-	-	-	1.28	-
0630	1.84	11.03	0.37	-	-	-	-	-	-
0700	3.86	12.87	0.18	-	-	-	-	1.10	-
0730	1.45	10.51	-	-	-	-	-	-	-
0800	2.57	11.76	-	-	-	-	-	0.92	-
0830	1.81	10.51	-	-	-	-	-	0.36	-
0900	2.73	11.48	0.18	-	-	-	-	1.28	-
0930	0.37	9.56	-	-	-	-	-	-	-
1000	2.38	10.99	0.18	-	-	-	-	1.10	-
1030	1.09	9.82	0.36	-	-	-	-	-	0.36
1100	1.86	9.48	0.19	-	-	-	-	0.56	-
1130	0.72	10.14	0.72	-	-	-	-	0.36	-
1200	1.68	12.50	0.37	0.19	-	-	-	0.75	-
1230	-	11.64	0.73	-	-	-	-	-	-
1300	1.29	11.21	0.18	0.18	-	-	-	0.92	-
1330	-	12.04	1.09	-	-	-	-	-	-
1400	1.54	12.52	0.58	0.19	-	-	-	0.58	-
1430	0.36	9.78	0.36	-	-	-	-	-	-
1500	1.32	11.34	0.76	0.19	-	-	-	0.95	-
1530	-	14.65	0.73	-	-	-	-	0.37	0.37
1600	2.03	16.08	1.11	0.18	-	-	-	0.55	-
1630	0.72	13.72	0.72	-	-	-	-	0.36	-
1700	2.95	15.72	0.98	0.20	-	-	-	1.18	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.09	14.55	-	-	-	-	-	-	-
1800	2.20	16.60	1.60	0.20	-	-	0.40	1.00	-
1830	1.09	12.41	0.73	-	-	-	-	-	0.36
1900	2.41	15.96	0.56	0.19	-	-	-	0.74	-
1930	0.36	12.90	-	-	-	-	-	-	-
2000	3.24	13.17	0.43	0.22	-	-	-	1.51	-
2030	2.20	10.99	-	-	-	-	-	-	0.37
2100	4.14	11.11	0.65	0.22	-	-	-	1.09	0.44
2130	1.83	11.36	-	-	-	-	-	-	0.73
2200	3.52	13.50	0.20	0.39	-	-	-	1.37	0.20
2230	3.27	9.09	-	0.36	-	-	0.36	-	0.73
2300	6.33	12.45	-	0.66	-	-	0.22	1.31	0.44
2330	5.19	10.37	-	0.74	-	-	0.37	-	1.48
Mean	3.68	12.68	0.34	0.41	0.01	-	0.05	0.61	0.25



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in spring are: rain – 12.68%, mist – 3.68%, snow – 0.61%.

The activity of thunderstorms in spring constitutes 0.34%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

SEASON: SUMMER

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19872

OBSERVATION INTERVAL: 30 MIN.

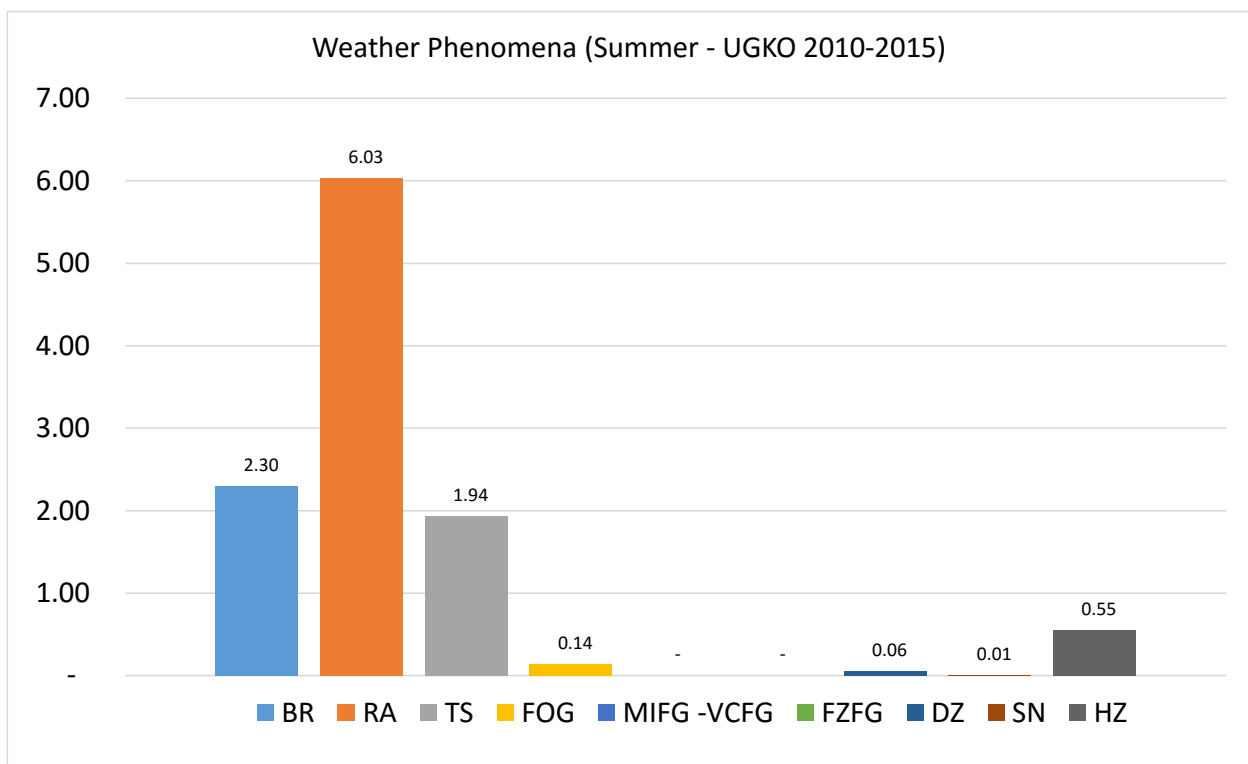
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	4.13	7.17	2.61	0.43	-	-	0.65	-	3.26
0030	6.83	8.27	2.16	0.72	-	-	-	-	1.80
0100	5.59	7.45	2.42	0.37	-	-	-	-	1.49
0130	12.64	8.30	1.44	0.36	-	-	-	-	5.78
0200	11.96	6.47	0.59	0.59	-	-	-	-	1.18
0230	12.59	5.40	1.08	0.72	-	-	0.72	-	1.80
0300	9.52	5.68	0.73	1.28	-	-	-	-	0.37
0330	7.58	6.14	-	1.08	-	-	-	-	0.36
0400	5.13	5.13	0.55	0.55	-	-	-	-	0.37
0430	2.17	6.88	-	-	-	-	-	-	-
0500	1.09	3.65	0.55	-	-	-	-	-	-
0530	-	6.55	1.09	-	-	-	-	-	-
0600	0.37	4.04	0.73	-	-	-	-	-	-
0630	0.36	3.27	-	-	-	-	-	-	-
0700	0.36	3.10	0.55	-	-	-	-	-	-
0730	0.36	3.26	0.36	-	-	-	-	-	-
0800	0.37	4.26	1.48	0.19	-	-	-	-	-
0830	0.72	3.60	1.08	-	-	-	-	-	-
0900	0.55	3.13	1.66	-	-	-	-	-	-
0930	0.72	3.62	1.45	-	-	-	-	-	-
1000	0.55	2.57	1.10	-	-	-	-	-	-
1030	0.71	3.57	0.71	-	-	-	-	-	-
1100	0.18	2.77	1.11	-	-	-	-	-	-
1130	-	3.61	0.72	-	-	-	-	-	-
1200	0.19	2.80	1.87	-	-	-	-	-	-
1230	-	3.31	0.37	-	-	-	-	-	-
1300	0.36	5.11	2.55	-	-	-	-	-	-
1330	-	4.69	0.72	-	-	-	-	-	-
1400	0.37	3.70	2.59	-	-	-	-	-	-
1430	0.36	6.16	1.09	-	-	-	-	-	-
1500	0.37	4.96	4.23	-	-	-	-	-	-
1530	0.72	6.47	1.08	-	-	-	-	-	-
1600	0.55	5.49	4.03	-	-	-	-	-	-
1630	0.72	7.22	0.72	-	-	-	-	-	-
1700	0.57	8.21	4.58	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	-	7.19	2.88	-	-	-	-	0.36	-
1800	0.38	9.04	7.12	-	-	-	-	-	-
1830	0.36	8.39	2.55	-	-	-	-	-	-
1900	0.56	10.26	7.28	-	-	-	0.19	-	-
1930	0.73	8.36	2.18	-	-	-	-	-	0.36
2000	1.51	10.54	4.52	-	-	-	0.22	-	-
2030	1.44	8.30	1.44	-	-	-	-	-	1.08
2100	1.53	9.80	3.92	-	-	-	0.22	-	0.87
2130	2.55	7.64	2.18	0.36	-	-	0.36	-	1.82
2200	1.86	9.29	3.53	-	-	-	-	-	1.30
2230	3.28	7.66	2.55	-	-	-	0.36	-	1.46
2300	3.94	8.53	2.63	-	-	-	-	-	0.44
2330	3.64	8.36	2.18	-	-	-	-	-	2.91
Mean	2.30	6.03	1.94	0.14	-	-	0.06	0.01	0.55



During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in summer are: rain – 6.03%, mist – 2.30%, haze – 0.55%.

The activity of thunderstorms in summer constitutes 1.94%.

## AERONAUTICAL CLIMATOLOGY

### AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM

**MODEL H**

AERODROME: UGKO

SEASON: AUTUMN

PERIOD OF RECORD: 2010-2015

TOTAL NUMBER OF OBSERVATIONS: 19656

OBSERVATION INTERVAL: 30 MIN.

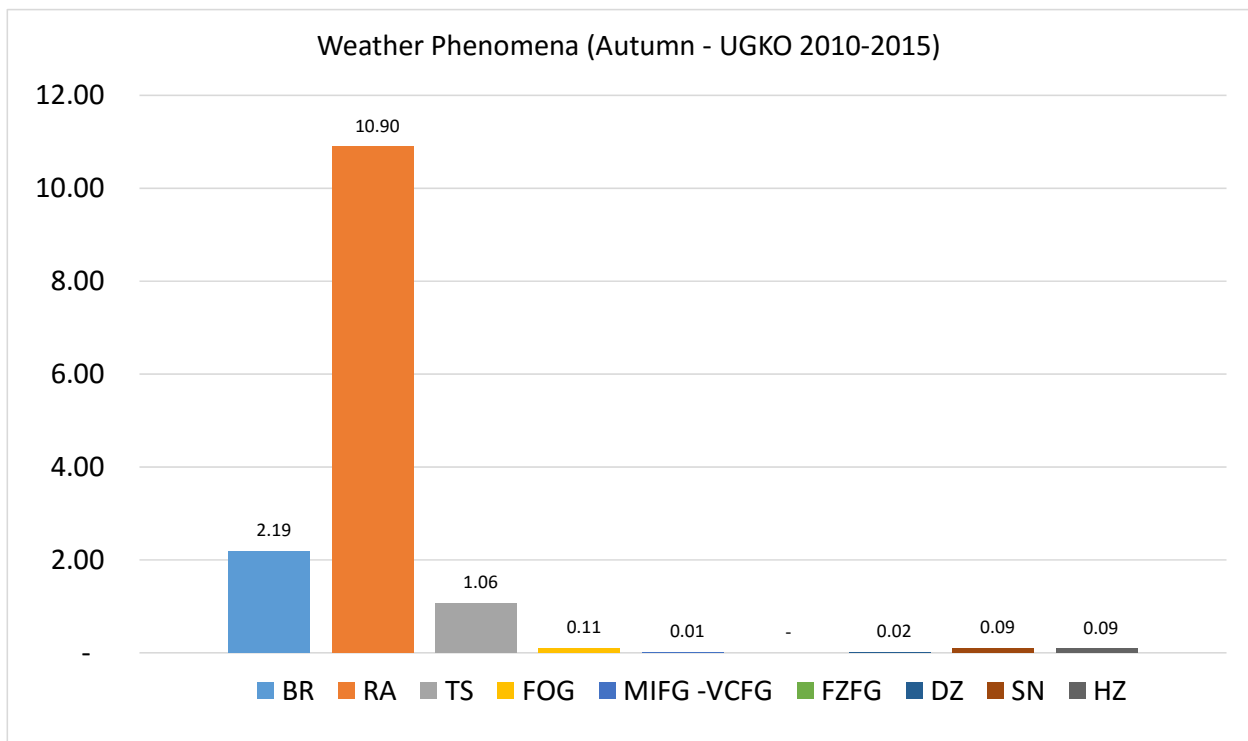
LATITUDE: 421036.57N

LONGITUDE: 0422857.77E

ELEVATION ABOVE MSL: 160 FT

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
0000	2.90	12.57	1.35	0.77	-	-	-	0.19	0.77
0030	4.62	12.61	0.84	-	-	-	-	-	0.84
0100	4.07	13.89	1.30	0.56	-	-	-	0.19	0.19
0130	5.76	13.99	0.82	-	-	-	-	-	-
0200	6.98	15.09	1.89	0.19	-	-	-	0.19	0.19
0230	8.57	13.88	2.04	0.41	-	-	-	-	0.41
0300	7.04	14.26	1.11	0.56	-	-	-	0.19	-
0330	5.35	13.58	1.23	0.41	-	-	-	-	0.41
0400	5.19	15.00	0.93	0.56	0.56	-	0.19	0.37	-
0430	5.71	11.84	0.82	-	-	-	-	-	-
0500	2.77	12.18	0.92	0.55	-	-	-	-	-
0530	0.80	10.76	-	-	-	-	-	-	-
0600	2.40	10.72	0.55	0.18	-	-	-	-	-
0630	0.79	8.66	-	-	-	-	-	-	-
0700	1.11	10.56	0.56	-	-	-	-	0.37	-
0730	-	9.13	-	-	-	-	-	-	-
0800	1.11	11.07	0.37	-	-	-	-	0.18	-
0830	0.41	11.43	-	-	-	-	-	-	-
0900	0.92	8.87	0.37	-	-	-	-	0.18	-
0930	-	7.66	-	-	-	-	-	-	-
1000	0.74	8.50	0.37	-	-	-	-	0.18	-
1030	-	7.41	-	-	-	-	-	-	-
1100	0.37	7.79	0.74	-	-	-	-	0.19	-
1130	-	7.50	0.42	-	-	-	-	-	-
1200	0.18	9.04	1.11	-	-	-	-	0.18	-
1230	-	7.02	0.41	-	-	-	-	-	-
1300	0.37	8.96	0.56	-	-	-	-	0.19	-
1330	-	12.40	0.83	-	-	-	-	-	-
1400	0.37	7.43	0.93	-	-	-	-	0.19	0.19
1430	0.42	10.04	1.26	-	-	-	-	-	-
1500	0.74	9.65	1.11	-	-	-	-	0.19	-
1530	0.41	11.43	2.04	-	-	-	-	-	-
1600	1.30	10.78	1.86	-	-	-	-	0.19	-
1630	1.20	10.84	2.01	-	-	-	-	-	-
1700	1.66	11.28	2.03	-	-	-	-	-	-

FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES AT SPECIFIED TIMES									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
1730	1.59	13.94	1.99	-	-	-	-	-	-
1800	2.21	11.99	2.03	-	-	-	-	-	-
1830	1.66	9.13	2.90	-	-	-	-	-	-
1900	2.22	11.48	2.22	0.19	-	-	-	-	0.19
1930	1.25	7.50	0.83	-	-	-	-	-	-
2000	3.24	11.07	1.15	-	-	-	-	0.38	0.38
2030	1.69	11.81	1.27	-	-	-	0.42	-	0.42
2100	3.67	11.00	1.35	-	-	-	-	0.39	-
2130	2.09	9.62	1.67	-	-	-	0.42	-	-
2200	3.00	8.80	0.56	0.37	-	-	-	0.37	-
2230	2.07	12.45	1.24	-	-	-	-	-	-
2300	3.30	11.65	1.36	0.39	-	-	-	0.19	0.19
2330	2.88	14.81	1.65	-	-	-	-	-	-
Mean	2.19	10.90	1.06	0.11	0.01	-	0.02	0.09	0.09

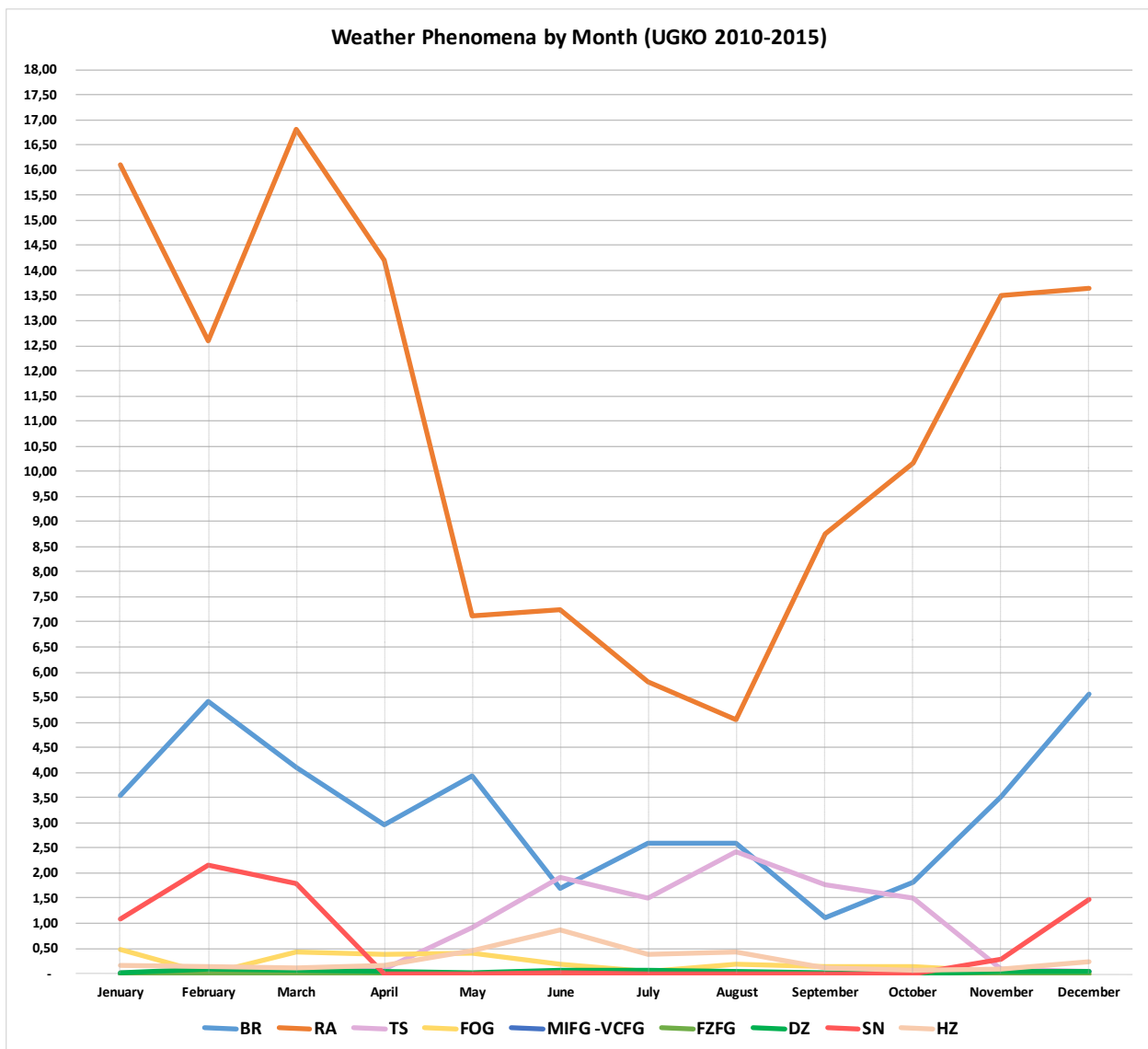


During the climatological period under review, at Kutaisi International Airport the prevailing weather phenomena in autumn are: rain – 10.90%, mist – 2.19%, fog – 0.11%.

The activity of thunderstorms in autumn constitutes 1.06%.

## WEATHER PHENOMENA AVERAGE BY MONTH

MEAN FREQUENCIES (PER CENT) OF WEATHER PHENOMENA OCCURRENCES BY MONTH									
TIME (UTC)	WEATHER PHENOMENA								
	BR	RA	TS	FOG	MIFG - VCFG	FZFG	DZ	SN	HZ
January	3.55	16.11	0.01	0.48	-	-	0.03	1.09	0.17
February	5.42	12.59	-	-	-	-	0.09	2.17	0.14
March	4.10	16.81	-	0.43	-	-	0.07	1.80	0.12
April	2.96	14.19	0.08	0.38	0.02	-	0.05	-	0.17
May	3.94	7.12	0.92	0.41	-	-	0.02	-	0.45
June	1.70	7.25	1.91	0.18	-	-	0.06	0.02	0.87
July	2.60	5.82	1.50	0.05	-	-	0.07	-	0.38
August	2.60	5.05	2.42	0.19	-	-	0.04	-	0.43
September	1.10	8.75	1.76	0.14	-	-	0.02	-	0.11
October	1.81	10.15	1.50	0.14	0.02	-	-	-	0.07
November	3.53	13.50	0.08	0.04	0.01	-	0.04	0.28	0.08
December	5.55	13.64	0.05	-	0.05	-	0.03	1.47	0.24





# 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	Ambient temperature
Td	Dew point temperature
RH	Relative Humidity
QNH	Regional mean sea level atmospheric pressure

## 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

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